

Final Report of the Project

**NATIONAL MAPPING OF INDIA
BIOMEDICAL SCIENCES**

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*Submitted to the National Information Systems for Science & Technology
DSIR, New Delhi.*

1998

EXECUTIVE SUMMARY OF THE PROJECT NATIONAL MAPPING OF INDIA - BIOMEDICAL SCIENCES

This project was taken up with the specific objective of looking at the biomedical research output in India both *per se* as well as in comparison with the global contribution in terms of published literature.

Three databases were selected to map out the contribution viz., *Index Medicus*, *Excerpta Medica* and *Tropical Diseases Bulletin*. Two time periods were selected for analysis - 1990 and 1994. In the analysis, these years corresponded to disk years.

Index Medicus:

The total papers published from India for the periods 1990 and 1994 were 3605 and 3241 while the global output for the same period was 379,939 and 551,885 respectively. The share of India declined from 0.949 percent in 1990 to 0.587 percent for 1994.

Of the 3605 papers, as many as 1743 were published in Indian journals during 1990 and the rest abroad. During 1994, the publication in India journals alone was 1432 (44.18%) out of 3241.

These papers were in a total number of 75 areas using the subject classification adapted by the MEDLARS database. The top five areas in which Indian scientists were active during 1990 were in the order of importance - Medicine - General (626; 17.36%), Paediatrics (339; 9.4%), Biochemistry and Molecular Biology (326; 9.04%), Biology (217; 6.02%) and Dermatology (122; 3.38%). The five most active areas in the world during the same period were Surgery (43149; 11.36%), Physiology (38611; 10.16%), Oncology (35954; 9.46%), Plant/Chemistry (34713; 9.14%) and Immunology (17961; 4.73%). During 1994 the trend was slightly different. The most active areas in India were - Medicine - General (563; 17.37%), Biochemistry - Molecular Biology (313; 9.66%), Paediatrics (310; 9.56%), Biology (167; 5.15%) and Oncology (143; 4.41%). Scientists in the rest of the world were most active in Plant - Chemistry (64276; 11.65%), Surgery (46044; 8.34%), Physiology (44216; 8.01%), Oncology (33122; 6%) and Toxicology (16459; 2.98%).

These papers were published in a total of 668 journals during 1990 and 678 during 1994. The journals which carried maximum papers in descending order in 1990 were: ① *Journal of Association of Physicians of India* (5.72%), ② *Indian Paediatrics* (5.21%), ③ *Indian Journal of Medical Research* (5.2%), ④ *Indian Journal of Experimental Biology* (5.13%), ⑤ *Indian Journal of Paediatrics* (3.08%), ⑥ *Journal of Indian Medical Association* (2.91%), ⑦ *Indian Journal of Biochemistry & Biophysics* (2.5%), ⑧ *Indian Journal of Pathology & Microbiology* (2.13%), ⑨ *Biochemistry International* (1.8%), ⑩ *Indian Heart Journal* (1.78%) etc. The top ten journals accounted for about 35.45% of total output.

The journals which published maximum papers in descending order in 1994 were: ① *Journal of Association of Physicians of India* (6.42%), ② *Indian Paediatrics* (5.46%), ③ *Indian Journal of Experimental Biology* (4.35%), ④ *Indian Journal of Medical Research* (3.67%), ⑤ *Journal of Indian Medical Association* (3.14%), ⑥ *Indian Journal of Paediatrics* (2.71%), ⑦ *Indian Journal of Biochemistry & Biophysics* (2.5%), ⑧ *Indian Heart Journal*

(2.03%),⁶⁾ *Indian Journal of Pathology & Microbiology* (2.07%),³⁾ *Indian Journal of Physiology & Pharmacology* (1.8%) etc. The top 10 journals account for 34.1% of all papers.

The top 10 publishing journals in terms of impact factor were *The New England Journal of Medicine*, *Lancet*, *Proceedings of National Academy of Sciences USA*, *Molecular and Cellular Biology*, *Journal of Biological Chemistry*, *Annals of Neurology*, *Journal of Clinical Oncology*, *Journal of American College of Cardiology*, *Journal of Virology* and *Journal of Infectious Diseases*.

The top 10 SCI journals for the period 1994 were *The Lancet*, *Proceedings of National Academy of Sciences USA*, *Blood*, *Proteins*, *Journal of Biological Chemistry*, *Journal of Immunology*, *Journal of Clinical Oncology*, *AIDS*, *Journal of American College of Cardiology*, *Journal of Virology* and *Journal of Infectious Diseases*.

Among the 668 publishing journals 535 (80.09%) were included in the SCI and they published a total of 1880 (52.15%) papers during 1990. In 1994, of the 678 publishing journals 522 (76.99%) were indexed in the SCI and they published a total of 1672 (52.15 %) papers.

The journals chosen for publishing these papers were from 36 countries. Prominent among these were USA, United Kingdom, Germany, The Netherlands, Switzerland and India.

Institute-wise break-up shows that during 1990 the 3605 papers were published from 621 institutes/colleges. There were also about 50 individuals contributors whose affiliation could not be ascertained from the database.

The top Institutes in terms of publications were Postgraduate Institute of Medical Education & Research, Chandigarh, All India Institute of Medical Sciences, New Delhi, Banaras Hindu University, Varanasi, Tata Memorial Centre, Bombay, Central Drug Research Institute, Lucknow, Christian Medical College & Hospital, Vellore, KEM Hospital, Bombay etc. The trend was more or less same for 1994 also except that the top ranking Institute was AIIMS, New Delhi.

During 1994, the 3241 papers were published from 615 institutes/colleges. Individuals contributors whose affiliation could not be ascertained from the database numbered three.

These papers were published from a total of 172 and 157 cities/towns in India for the years 1990 and 1994 respectively. Some top cities were New Delhi, Bombay, Chandigarh, Calcutta, Lucknow, Madras, Varanasi etc. during 1990. The trend was more or less same during 1994 also.

The top five States/Union Territories during 1990 were Delhi, Maharashtra, Uttar Pradesh, Chandigarh and West Bengal. In 1994 the most active States/UTs were Delhi, Maharashtra, Uttar Pradesh, West Bengal and Karnataka.

The affiliation of institutes/colleges for the papers published during the two periods were also studied. It is difficult to segregate such an affiliation. However, it appears that large amount of papers were contributed from institutes supported by Central Government, State Government or from Autonomous institutions.

Excerpta Medica:

The total papers published from India for the periods 1990 and 1994 were 3453 and 2193 while the global output corresponding period was 250,366 and 263,080 respectively. The share of India was 1.379 per cent for 1990 and 0.834 per cent for 1994.

During 1990 of the 3453 as many as 1422 (41.18 %) papers were published in India while during 1994 the share of Indian journals was 495 papers (22.57 %) out of the total 2193.

These papers were in a total number of 74 areas using the subject classification scheme adapted by EMBASE. The top five areas in which Indian scientists were active during 1990 were in the order of importance - Chemistry/Pharmacology (657;19.03%), Medicine - General (286;8.28%), Pharmacology (259;7.5%), Biochemistry and Molecular Biology (240;6.95%), and Environment (204;5.91%). The five most active areas in the world during the same period were Pharmacology (40011;15.98%), Respiratory System (10921;4.36%), Materials/ Bio. Cytology (6986;2.79%) and Behaviour (5725;2.29%). During 1994 the trend was different. The most active areas in India were - Biochemistry - Molecular Biology (200;9.12%), Pharmacology (200;9.12%), Medicine - General (149;6.79%), Environment (101;4.61%) and Microbiology (75;3.42%). Scientists in the rest of the world as per EMBASE were most active in Pharmacology (45107;17.15%), Surgery (21730;8.26%), Toxicology (14679;5.53%), Respiratory System (10172;3.87%), Instrumentation/ Otorhinolaryngology (6372;2.42%), and Cytology (6372;2.42%).

These papers were published in a total of 685 journals during 1990 and 605 during 1994.

Some journals which carried maximum number of papers included *Journal of Indian Chemical Society* (7.85%), *Indian Journal of Chemistry Section B* (6%), *Indian Journal of Medical Research* (3.6%), *Indian Journal of Dermatology* (3.18%), *Indian Drugs* (2.52%), *Indian Journal of Experimental Biology* (1.88%) etc. For 1994 the journals were *Indian Drugs* (3.19%), *Indian Journal of Medical Research* (2.92%), *Indian Journal of Experimental Biology* (2.51%), *Tetrahedron Letters* (2.14%), *Indian Journal of Dermatology* (1.82%), *Tetrahedron* (1.79%), *Indian Paediatrics* (1.69%) etc.

The top 10 publishing journals in terms of impact factor were *The New England Journal of Medicine*, *Immunology Today*, *Lancet*, *Proceedings of National Academy of Sciences USA*, *Annals of Internal Medicine*, *American Journal of Human Genetics*, *Archives of General Psychiatry*, *Annals of Neurology*, *Clinical and Experimental Immunology* and *Gastroenterology*.

The top 10 journals in terms of impact factor for the period 1994 were *Nature*, *Lancet*, *Proceedings of National Academy of Sciences USA*, *American Journal of Medical Genetics*, *American Journal of Human Genetics*, *Archives of General Psychiatry*, *Blood*, *Journal of National Cancer Institute*, *Journal of Clinical Oncology* and *AIDS*.

The publishing journal profile showed that the major countries where these journals originated were: USA, United Kingdom, The Netherlands and Germany.

Among the 685 publishing journals, 561 (81.90 %) were included in the SCI and

they published a total of 2430 (70.37 %) papers. During 1994, of the 605 publishing journals, 483 (79.83 %) were indexed in the SCI and they published a total of only 662 (30.19 %) papers.

Institute-wise break-up shows that during 1990 the 3453 papers were published from 656 institutes/colleges. There were also about 25 individuals contributors whose affiliation could not be ascertained from the database.

During 1994, the 2193 papers were published from 528 institutes/colleges. Individuals contributors whose affiliation could not be ascertained from the database numbered about 45.

The top Institutes in terms of publication were Postgraduate Institute of Medical Education & Research, Chandigarh, All India Institute of Medical Sciences, New Delhi, Central Drug Research Institute, Lucknow, Bhabha Atomic Energy Research Centre, Bombay, Tata Memorial Centre, Bombay, Punjab University, Chandigarh, Indian Institute of Science, Bangalore etc. The trend was more or less same for 1994 also except that the top ranking Institute was AIIMS, New Delhi.

These papers were published from a total of 148 and 154 cities/towns in India for the years 1990 and 1994 respectively.

Some top cities in terms of publication were New Delhi, Bombay, Chandigarh, Lucknow, Calcutta, Hyderabad, Madras, Bangalore, Varanasi etc. during 1990. The trend was more or less same during 1994 also.

The top five States/Union Territories during 1990 were Uttar Pradesh, Maharashtra, Chandigarh, West Bengal and Tamil Nadu. In 1994 the most active States/UTs were Chandigarh, Maharashtra, Uttar Pradesh, Tamil Nadu and Karnataka.

The affiliation of these Institution/ college publishing these papers published during the two periods were also studied. It is difficult to segregate such an affiliation. However, it appears that large amount of papers were contributed by Academic and Autonomous institutions.

Tropical Diseases Bulletin:

The total papers published from India for the periods 1990 and 1994 were 233 and 209 while the global output for the corresponding period was 2883 and 2467 respectively. The share of India was therefore 8.08 percent for 1990 and 8.47 percent for 1994.

The 233 papers during 1990 were published both in India (69) and the rest abroad. During 1994 the share of Indian journals was 76 out of 209 papers. The major foreign journals originated from United Kingdom, USA, The Netherlands and Germany.

These papers were in a total number of 29 areas using the subject classification adapted by the database. The top five areas in which Indian scientists were active during 1990 were in the order of importance - Bacteriology and Bacterial Diseases (67;28.76%), Malaria (30;12.88%), Helminthology and Helminthiasis (26;11.16%), Virology and Viral Diseases (20;8.58%), Microbiology and Microbial Diseases - General (16;6.87%). The five most active areas in the world during the same period were Helminthology and Helminthiasis (597;18.27%), Bacteriology and Bacterial Diseases (496;15.18%),

Virology and Viral Diseases (409;12.52%), Medical Entomology (258;7.90%) and Microbiology and Microbial Diseases - General (135;4.13%).

During 1994 the trend was different. The most active areas in India were - Bacteriology and Bacterial Diseases (77;36.84%), Helminthology and Helminthiasis (21;10.05%), Virology and Viral Diseases (21;10.05%), Medical Entomology (14;6.70%) and Malaria (12;5.74%). The five most active areas in the world during the corresponding period were Bacteriology and Bacterial Diseases (498;20.19%), Helminthology and Helminthiasis (372;15.08%), Virology and Viral Diseases (360;14.59%), Malaria (265;10.74%) and Leishmaniasis (153;6.2%).

These papers were published in a total of 80 journals during 1990 and 89 during 1994.

Some journals which carried significant number of papers for the periods 1990 were *Indian Journal of Medical Research* (10.73%), *Indian Journal of Leprosy* (7.29%), *Transactions of Royal Society of Tropical Medicine & Hygiene* (6.43%), *Journal of Tropical Paediatrics* (4.72%), *Leprosy Review* (4.29%), *Indian Journal of Experimental Biology* (4.29%). For 1994, *Indian Paediatrics* (18.18%), *Leprosy Review* (4.78%), *Journal of Tropical Paediatrics* (4.30%), *Indian Journal of Medical Research* (3.82%), *International Journal of Leprosy* (3.82%), *Tropical Doctor* (2.87%), *Transactions of Royal Society of Tropical Medicine & Hygiene* (2.39%), *Indian Journal of Experimental Biology* (2.39%), *Annals of Tropical Paediatrics* (1.91%) etc.

The top 10 publishing journals in terms of impact factor were: *Science*, *Lancet*, *Annals of Internal Medicine*, *Journal of Biological Chemistry*, *Journal of Infectious Diseases*, *British Medical Journal*, *The Biochemical Journal*, *Infection and Immunity*, *Tissue Antigens* and *American Journal of Clinical Nutrition*.

The top 10 journals for the period 1994 were *Nature*, *Lancet*, *Journal of Infectious Diseases*, *Molecular and Biochemical Parasitology*, *Antimicrobial Agents Chemotherapy*, *Parasite Immunology*, *Vaccine*, *American Journal of Tropical Medicine and Hygiene*, *American Journal of Kidney Diseases* and *American Journal of Roentgenology*.

Of the 80 publishing journals, 55 were included in the SCI and they published a total of 153 papers. During 1994 of 89 publishing journals, 51 were indexed in the SCI and they published a total of 112 papers.

Institute-wise break-up shows that during 1990 the 233 papers were published from 83 institutes/colleges. There were no individuals contributors whose affiliation could not be ascertained from the database.

During 1994, the 209 papers were published from 103 institutes/colleges. Individuals contributors whose affiliation could not be ascertained from the database numbered 8.

The top Institutes in terms of publication were All India Institute of Medical Sciences, New Delhi, Central Drug Research Institute, Lucknow, Postgraduate Institute of Medical Education & Research, Chandigarh, Vector Control Research Centre (ICMR) Pondicherry, Central JALMA Institute or Leprosy (ICMR), Agra, Christian Medical College and Hospital, Vellore, Malaria Research Centre (ICMR), Delhi etc. The trend was more or less same for 1994 also except that the top ranking Institute was PGI, Chandigarh.

These papers were published from a total of 42 and 50 cities/towns in India for the years 1990 and 1994 respectively. The top 10 cities in terms of publication were New Delhi, Bombay, Lucknow, Calcutta, Chandigarh, Pondicherry, Agra, Vellore etc. during 1990. The trend was more or less same during 1994 also.

The top five States/Union Territories during 1990 were Delhi, Uttar Pradesh, Maharashtra, Tamil Nadu and West Bengal. In 1994 the most active States/UTs were Delhi, Maharashtra, West Bengal, Tamil Nadu and Chandigarh.

The affiliation of these Institutions/ colleges contributing these papers published during the two periods was also studied. It is difficult to exactly segregate these institutions on such a basis. However, it appears that a large number of papers were contributed by institutes supported by Academic, Autonomous institutions and Private Sector.

INDEX MEDICUS

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TABLE - 1
CONTRIBUTION TO WORLD LITERATURE-INDEX MEDICUS

SUB CODE	INDIA-90		WORLD-90		1990	INDIA-94		WORLD-94		1994
	NO.	%	NO.	%	AI	NO.	%	NO.	%	AI
AEP	4	0.111	2153	0.57	19.58	1	0.03	2248	0.41	7.57
ALL	19	0.527	17961	4.73	0.11	7	0.22	6336	1.15	18.81
ANA	32	0.888	2969	0.78	1.14	9	0.28	2631	0.48	58.25
AND	10	0.277	2451	0.65	0.43	7	0.22	8082	1.46	14.75
ANE	7	0.194	2584	0.68	0.29	14	0.43	6457	1.17	36.92
ANT	0	0.000	21	0.01	0.00	1	0.03	33	0.01	516.01
BEH	3	0.083	3422	0.90	0.09	4	0.12	3668	0.66	18.57
BIM	326	9.043	3207	0.84	10.71	313	9.66	367	0.07	14522.72
BIO	217	6.019	146	0.04	156.64	167	5.15	300	0.05	9479.05
BIP	7	0.194	222	0.06	3.32	7	0.22	24	0.00	4966.57
BIT	8	0.222	118	0.03	7.15	13	0.40	319	0.06	693.94
CAR	118	3.273	864	0.23	14.39	130	4.01	853	0.15	2595.16
CHM	35	0.971	1520	0.40	2.43	40	1.23	1701	0.31	400.43
COD	54	1.498	169	0.04	33.68	35	1.08	495	0.09	1204.02
COM	3	0.083	1440	0.38	0.22	4	0.12	1813	0.33	37.57
CRY	3	0.083	1520	0.40	0.21	0	0.00	1701	0.31	0.00
CYT	21	0.583	3186	0.84	0.69	35	1.08	5574	1.01	106.92
DEB	1	0.028	1615	0.43	0.07	2	0.06	6012	1.09	5.66
DEM	1	0.028	2859	0.75	0.04	0	0.00	5207	0.94	0.00
DEN	30	0.832	770	0.20	4.11	11	0.34	536	0.10	349.46
DER	122	3.384	230	0.06	55.90	61	1.88	3361	0.61	309.05
DEV	0	0.000	1615	0.43	0.00	1	0.03	6012	1.09	2.83
EMB	1	0.028	1615	0.43	0.07	3	0.09	6012	1.09	8.50
ENB	15	0.416	2859	0.75	0.55	13	0.40	5207	0.94	42.51
END	42	1.165	38	0.01	116.49	35	1.08	53	0.01	11245.06
ENT	4	0.111	21	0.01	20.07	7	0.22	33	0.01	3612.05
ENV	73	2.025	2153	0.57	3.57	68	2.10	2284	0.41	506.97
EPI	0	0.000	2859	0.75	0.00	1	0.03	5207	0.94	3.27
ERG	0	0.000	58	0.02	0.00	2	0.06	153	0.03	222.59
FOD	7	0.194	1589	0.42	0.46	11	0.34	1364	0.25	137.32
GAS	100	2.774	3148	0.83	3.35	72	2.22	5394	0.98	227.30
GEN	55	1.526	1248	0.33	4.64	52	1.60	1446	0.26	612.36
GER	5	0.139	388	0.10	1.36	12	0.37	469	0.08	435.69
HEM	7	0.194	1083	0.29	0.68	10	0.31	4646	0.84	36.65
IMM	66	1.831	17961	4.73	0.39	72	2.22	6336	1.15	193.50
INF	1	0.028	58	0.02	1.82	0	0.00	153	0.03	0.00
IOR	1	0.028	3186	0.84	0.03	1	0.03	5574	1.01	3.05
MAL	24	0.666	1315	0.35	1.92	15	0.46	1420	0.26	179.88
MAT	2	0.055	2859	0.75	0.07	5	0.15	5207	0.94	16.35
MEG	626	17.365	2607	0.69	25.31	563	17.37	2862	0.52	3349.72
MEL	2	0.055	3186	0.84	0.07	4	0.12	5574	1.01	12.22
MEM	9	0.250	2607	0.69	0.36	12	0.37	2862	0.52	71.40
MER	19	0.527	2607	0.69	0.77	15	0.46	2862	0.52	89.25
MIC	49	1.359	840	0.22	6.15	47	1.45	753	0.14	1062.85
MLE	7	0.194	3186	0.84	0.23	3	0.09	5574	1.01	9.16
MUL	10	0.277	2607	0.69	0.40	12	0.37	2862	0.52	71.40
MYC	11	0.305	840	0.22	1.38	8	0.25	753	0.14	180.91
NEU	64	1.775	302	0.08	22.33	83	2.56	5504	1.00	256.78
NUC	3	0.083	4388	1.15	0.07	3	0.09	3246	0.59	15.74
NUT	27	0.749	1589	0.42	1.79	37	1.14	1364	0.25	461.91
OBS	76	2.108	451	0.12	17.76	45	1.39	8082	1.46	94.81

SUB CODE	INDIA-90		WORLD-90		1990	INDIA-94		WORLD-94		1994
	NO.	%	NO.	%	AI	NO.	%	NO.	%	AI
ONC	112	3.107	35954	9.46	0.33	143	4.41	33122	6.00	73.52
OPH	71	1.969	342	0.09	21.88	64	1.97	3197	0.58	340.88
ORT	13	0.361	292	0.08	4.69	15	0.46	154	0.03	1658.59
OTO	25	0.693	255	0.07	10.33	17	0.52	2402	0.44	120.52
PAR	59	1.637	1315	0.35	4.73	18	0.56	1420	0.26	215.85
PAT	116	3.218	712	0.19	17.17	80	2.47	865	0.16	1574.87
PED	339	9.404	509	0.13	70.19	310	9.56	6345	1.15	831.95
PHA	43	1.193	1520	0.40	2.98	58	1.79	1701	0.31	580.62
PHY	64	1.775	38611	10.16	0.17	67	2.07	44216	8.01	25.80
PLA	28	0.777	34713	9.14	0.09	25	0.77	64276	11.65	6.62
PSY	23	0.638	10742	2.83	0.23	21	0.65	21770	3.94	16.43
PUH	79	2.191	2859	0.75	2.91	56	1.73	5207	0.94	183.13
RAD	65	1.803	12749	3.36	0.54	35	1.08	47557	8.62	12.53
REH	3	0.083	2221	0.58	0.14	0	0.00	2545	0.46	0.00
RES	57	1.581	12028	3.17	0.50	40	1.23	18114	3.28	37.60
RHE	1	0.028	1756	0.46	0.06	6	0.19	1633	0.30	62.57
SUB	1	0.028	1803	0.47	0.06	7	0.22	1941	0.35	61.41
SUR	56	1.553	43149	11.36	0.14	43	1.33	46044	8.34	15.90
TOX	25	0.693	14360	3.78	0.18	15	0.46	16459	2.98	15.52
TRO	35	0.971	65	0.02	56.75	45	1.39	76	0.01	10082.51
URO	22	0.610	3096	0.81	0.75	65	2.01	3740	0.68	295.95
VET	34	0.943	2212	0.58	1.62	23	0.71	2206	0.40	177.54
VIR	3	0.083	1554	0.41	0.20	13	0.40	1743	0.32	127.00
ZOO	4	0.111	1112	0.29	0.38	2	0.06	1028	0.19	33.13
TOTAL	3605	100	379939	100		3241	100	551885	100	

SUBJECTS CODE

AEP	AGRICULTURE/ENVI.SCI/PUB.HLTH	MAT	MATERIALS/BIO
ALL	ALLERGY	MEG	MEDICINE GENERAL
ANA	ANATOMY	MEL	JURISPRUDENCE
AND	ANDROLOGY	MEM	MEDICINE MISC.
ANE	ANAESTHESIA	MER	MEDICAL RESEARCH
ANT	ANTHROPOLOGY/MED	MIC	MICROBIOLOGY
BEH	BEHAVIOUR	MLE	MED, LEG
BIM	BIOCHEMISTRY, MOLECULAR BIOLOGY	MUL	MULTI DISCIPLINARY
BIO	BIOLOGY	MYC	MYCOLOGY
BIP	BIOPHYSICS	NEU	NEUROLOGY
BIT	BIOTECHNOLOGY	NUC	DIAGNOSTIC IMAGING
CAR	CARDIOLOGY	NUT	NUTRITION
CHM	CHEMISTRY/PHARMACOLOGY	OBS	OBSTETRICS & GYNAECOLOGY
COD	COMMUNICABLE DISEASE	ONC	ONCOLOGY
COM	DIAGNOSIS	OPH	OPHTHALMOLOGY
CRY	CRYSTALLOGRAPHY	ORT	ORTHOPAEDICS
CYT	CYTOLOGY	OTO	OTOLARYNGOLOGY
DEB	DEVELOPMENTAL BIOLOGY	PAR	PARASITOLOGY
DEM	DEMOGRAPHY	PAT	PATHOLOGY
DEN	DENTISTRY	PED	PAEDIATRICS
DER	DERMATOLOGY	PHA	PHARMACOLOGY
DEV	DERMATOLOGY/VENEROLOGY	PHY	PHYSIOLOGY
EMB	EMBRYOLOGY	PLA	PLANT/CHEMISTRY
ENB	ENGINEERING BIOMEDICAL	PSY	PSYCHIATRY
END	ENDOCRINOLOGY	PUH	PUBLIC HEALTH
ENT	ENTOMOLOGY	RAD	RADIOLOGY
ENV	ENVIRONMENT	REH	REHABILITATION
EPI	EPIDEMOLOGY	RES	RESPIRATORY SYSTEM
ERC	ERGONOMICS	RHE	RHEUMATOLOGY
FOD	FOOD SCIENCE	SUB	SUBSTANCE ABUSE
GAS	GASTROENTEROLOGY	SUR	SURGERY
GEN	GENETICS	TOX	TOXICOLOGY
GER	GERIATRICS	TRO	TROPICAL MEDICINE
HEM	HAEMATOLOGY	URO	UROLOGY
IMM	IMMUNOLOGY	VET	VETERINARY MEDICINE
INF	MEDICAL INFORMATICS	VIR	VIROLOGY
IOR	INSTRUM/OTORHINO/RESP SYS	ZOO	ZOOLOGY
MAL	MALARIA		

AI, Activity Index, computed as : $\text{India (\%)/World (\%)} \times 100$

TABLE - 2
PUBLISHING JOURNAL PROFILE BY DESCENDING ORDER OF IMPACT FACTOR
INDEX MEDICUS

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
N ENGL J MED	24.455	1	0.028	0	0.000
LANCET	15.940	4	0.111	6	0.185
PROC NATL ACAD SCI U S A	10.480	2	0.055	2	0.062
MOL CELL BIOL	8.291	2	0.055	0	0.000
BLOOD	8.061	0	0.000	1	0.031
PROTEINS	6.775	0	0.000	1	0.031
J BIOL CHEM	6.733	3	0.083	14	0.432
J IMMUNOL	6.723	0	0.000	1	0.031
ANN NEUROL	6.320	1	0.028	0	0.000
J CLIN ONCOL	6.137	0	0.000	1	0.031
AIDS	6.089	0	0.000	2	0.062
J AM COLL CARDIOL	5.898	1	0.028	1	0.031
J VIROL	5.696	1	0.028	1	0.031
J INFECT DIS	5.499	1	0.028	1	0.031
DIABETOLOGIA	5.261	1	0.028	0	0.000
J MOL BIOL	5.253	1	0.028	7	0.216
BIOCHEMISTRY	5.196	3	0.083	4	0.123
AM REV RESPIR DIS	5.172	1	0.028	0	0.000
BIOPHYS J	4.945	0	0.000	1	0.031
EUR J IMMUNOL	4.934	0	0.000	2	0.062
MEDICINE BALTIMORE	4.795	0	0.000	1	0.031
JPN J EXP MED	4.674	5	0.139	0	0.000
METHODS ENZYMOL	4.671	0	0.000	1	0.031
J BIOENERG BIOMEMBR	4.587	1	0.028	0	0.000
NEUROLOGY	4.355	2	0.055	2	0.062
BMJ	4.338	5	0.139	5	0.154
NEUROSCIENCE	4.324	1	0.028	0	0.000
CYTOGENET CELL GENET	4.185	0	0.000	1	0.031
FREE RADIC BIOL MED	4.169	2	0.055	2	0.062
PROG BIOPHYS MOL BIOL	4.133	0	0.000	1	0.031
J ACQUIR IMMUNE DEFIC SYNDR	4.125	2	0.055	1	0.031
HEPATOLOGY	4.073	1	0.028	0	0.000
J PATHOL	4.073	1	0.028	0	0.000
CHEM RES TOXICOL	4.064	0	0.000	1	0.031
J CLIN ENDOCRINOL METAB	4.044	0	0.000	1	0.031
DIABETES CARE	4.026	1	0.028	2	0.062
J MEMBR BIOL	4.017	1	0.028	0	0.000
INT IMMUNOL	3.841	1	0.028	0	0.000
NAT PROD REP	3.811	1	0.028	0	0.000
ANN SURG	3.803	0	0.000	1	0.031
J MED CHEM	3.803	4	0.111	1	0.031
BIOCHEM J	3.716	2	0.055	5	0.154
J BACTERIOL	3.702	1	0.028	6	0.185
NEUROPSYCHOPHARMACOLOGY	3.661	0	0.000	1	0.031
J NUCL MED	3.620	2	0.055	1	0.031
BIOCHEM BIOPHYS RES COMMUN	3.583	19	0.527	22	0.679
STROKE	3.513	0	0.000	1	0.031
HUM IMMUNOL	3.511	0	0.000	1	0.031
FEBS LETT	3.505	5	0.139	12	0.370
EUR J BIOCHEM	3.499	3	0.083	5	0.154
ANESTHESIOLOGY	3.437	1	0.028	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
INFECT IMMUN	3.427	2	0.055	5	0.154
PROTEIN ENG	3.392	1	0.028	2	0.062
EUR J PHARMACOL	3.370	1	0.028	5	0.154
PLANT MOL BIOL	3.361	2	0.055	1	0.031
GASTROINTEST ENDOSC	3.313	3	0.083	3	0.093
RADIOLOGY	3.307	1	0.028	0	0.000
J GEN VIROL	3.300	0	0.000	1	0.031
NUCLEIC ACIDS RES	3.294	3	0.083	3	0.093
AM J PHYSIOL	3.269	0	0.000	2	0.062
BIOL REPROD	3.257	2	0.055	0	0.000
J CLIN MICROBIOL	3.234	2	0.055	2	0.062
CRIT REV MICROBIOL	3.158	0	0.000	1	0.031
J MOL CELL CARDIOL	3.115	1	0.028	0	0.000
MOL BIOCHEM PARASITOL	3.069	0	0.000	1	0.031
PROC R SOC LOND B BIOL SCI	3.039	1	0.028	0	0.000
J CELL PHYSIOL	3.020	0	0.000	1	0.031
AM J CLIN NUTR	3.008	1	0.028	0	0.000
GUT	2.991	6	0.166	2	0.062
GLYCOCONJ J	2.986	0	0.000	1	0.031
CARCINOGENESIS	2.984	2	0.055	5	0.154
ANTIMICROB AGENTS CHEMOTHER	2.950	2	0.055	1	0.031
MOL GEN GENET	2.941	1	0.028	1	0.031
ACTA NEUROPATHOL BERL	2.940	1	0.028	2	0.062
PLANT PHYSIOL	2.925	0	0.000	1	0.031
INT J CANCER	2.917	2	0.055	4	0.123
SEX TRANSM DIS	2.902	0	0.000	1	0.031
HUM GENET	2.877	2	0.055	1	0.031
IMMUNOLOGY	2.867	3	0.083	0	0.000
BRAIN RES	2.865	4	0.111	0	0.000
NEUROENDOCRINOLOGY	2.841	0	0.000	3	0.093
TRANSPLANTATION	2.841	3	0.083	5	0.154
EXP CELL RES	2.839	0	0.000	2	0.062
APPL ENVIRON MICROBIOL	2.801	1	0.028	2	0.062
BR J CANCER	2.798	7	0.194	1	0.031
PSYCHOPHARMACOLOGY BERL	2.769	1	0.028	0	0.000
HUM PATHOL	2.716	1	0.028	0	0.000
AM J MED	2.707	0	0.000	1	0.031
EPILEPSIA	2.707	1	0.028	2	0.062
YEAST	2.699	0	0.000	1	0.031
J NEUROL NEUROSURG PSYCHIATRY	2.696	1	0.028	2	0.062
BIOTECHNIQUES	2.643	0	0.000	5	0.154
CHROMOSOMA	2.633	2	0.055	1	0.031
J ENDOCRINOL	2.623	2	0.055	2	0.062
BIOCHIM BIOPHYS ACTA	2.610	10	0.277	16	0.494
J THORAC CARDIOVASC SURG	2.593	2	0.055	0	0.000
BIOL PSYCHIATRY	2.570	0	0.000	7	0.216
GENE	2.569	2	0.055	4	0.123
J NEUROSURG	2.515	0	0.000	4	0.123
AM J CARDIOL	2.503	2	0.055	1	0.031
CLIN EXP IMMUNOL	2.475	1	0.028	2	0.062
ARCH BIOCHEM BIOPHYS	2.435	5	0.139	4	0.123
CURR GENET	2.420	0	0.000	2	0.062
NEUROSCI LETT	2.419	3	0.083	1	0.031
J NEUROL SCI	2.385	1	0.028	3	0.093

JOURNAL TITLE	IMPACT FACTOR	1990 NO	1994 NO		
CLIN EXP ALLERGY	2.384	2	0.055	0	0.000
J ANTIMICROB CHEMOTHER	2.313	0	0.000	1	0.031
BR J PSYCHIATRY	2.309	7	0.194	2	0.062
CLIN IMMUNOL IMMUNOPATHOL	2.307	2	0.055	0	0.000
ENVIRON MOL MUTAGEN	2.303	1	0.028	1	0.031
BIOSENS BIOELECTRON	2.295	0	0.000	1	0.031
PHOTOCHEM PHOTOBIOLOG	2.291	2	0.055	2	0.062
J MED VIROL	2.273	1	0.028	4	0.123
CANCER	2.271	5	0.139	5	0.154
BIOPOLYMERS	2.221	7	0.194	2	0.062
CLIN ENDOCRINOL OXF	2.211	1	0.028	0	0.000
J REPROD FERTIL	2.211	2	0.055	2	0.062
AM J OPHTHALMOL	2.208	0	0.000	1	0.031
EUR J CANCER	2.191	0	0.000	1	0.031
BR HEART J	2.188	1	0.028	0	0.000
VISION RES	2.173	1	0.028	0	0.000
AM J SURG	2.168	0	0.000	1	0.031
ELECTROPHORESIS	2.159	1	0.028	1	0.031
REGUL PEPT	2.154	1	0.028	0	0.000
OPHTHALMOLOGY	2.142	0	0.000	2	0.062
ANAL BIOCHEM	2.139	3	0.083	2	0.062
J MED GENET	2.135	2	0.055	2	0.062
ARCH DERMATOL	2.129	1	0.028	1	0.031
BIOCHEM PHARMACOL	2.129	10	0.277	5	0.154
CELL IMMUNOL	2.127	0	0.000	1	0.031
CANCER GENET CYTOGENET	2.126	5	0.139	3	0.093
INT J RADIAT ONCOL BIOL PHYS	2.118	0	0.000	3	0.093
MOV DISORD	2.112	0	0.000	1	0.031
PEPTIDES	2.106	0	0.000	1	0.031
METABOLISM	2.082	0	0.000	1	0.031
PROSTATE	2.062	2	0.055	1	0.031
ANAESTHESIA	2.058	3	0.083	6	0.185
LIFE SCI	2.053	6	0.166	5	0.154
J CLIN PATHOL	2.035	1	0.028	0	0.000
J GEN MICROBIOL	2.034	4	0.111	0	0.000
J CLIN IMMUNOL	2.011	0	0.000	1	0.031
ARCH OPHTHALMOL	2.007	1	0.028	1	0.031
INT J RADIAT BIOL	2.006	3	0.083	1	0.031
MOL REPROD DEV	2.003	1	0.028	2	0.062
PROG LIPID RES	2.000	1	0.028	0	0.000
ARCH MICROBIOL	1.995	2	0.055	1	0.031
BONE MARROW TRANSPLANT	1.995	0	0.000	1	0.031
EUR J CLIN INVEST	1.990	0	0.000	1	0.031
VOX SANG	1.989	0	0.000	1	0.031
ENDOSCOPY	1.988	1	0.028	1	0.031
J CHEM INF COMPUT SCI	1.982	0	0.000	2	0.062
NEUROSCI RES	1.978	0	0.000	1	0.031
SCHIZOPHR RES	1.970	2	0.055	0	0.000
MUTAGENESIS	1.965	4	0.111	3	0.093
MUTAT RES	1.960	18	0.499	20	0.617
J APPL PHYSIOL	1.959	0	0.000	1	0.031
J CHROMATOGR	1.958	3	0.083	0	0.000
MICROB PATHOG	1.948	1	0.028	1	0.031
AM J REPROD IMMUNOL	1.931	1	0.028	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
CALCIF TISSUE INT	1.931	2	0.055	0	0.000
J BIOMED MATER RES	1.926	3	0.083	0	0.000
VACCINE	1.920	5	0.139	6	0.185
ANN ONCOL	1.917	0	0.000	1	0.031
J NEUROGENET	1.909	1	0.028	0	0.000
AM J TROP MED HYG	1.900	1	0.028	4	0.123
INT J PEPT PROTEIN RES	1.894	6	0.166	3	0.093
EUR J NUCL MED	1.856	2	0.055	1	0.031
SURGERY	1.856	2	0.055	0	0.000
NEUROCHEM INT	1.855	0	0.000	2	0.062
BEHAV BRAIN RES	1.854	1	0.028	0	0.000
PARASITOLOGY	1.849	1	0.028	1	0.031
AJR AM J ROENTGENOL	1.841	2	0.055	2	0.062
AM J KIDNEY DIS	1.841	0	0.000	2	0.062
RES MICROBIOL	1.840	1	0.028	1	0.031
ANN RHEUM DIS	1.836	1	0.028	0	0.000
BEHAV NEURAL BIOL	1.825	1	0.028	0	0.000
GEN COMP ENDOCRINOL	1.822	8	0.222	3	0.093
J CANCER RES CLIN ONCOL	1.820	2	0.055	2	0.062
ACTA CRYSTALLOGR B	1.802	2	0.055	0	0.000
NEUROPEPTIDES	1.797	0	0.000	1	0.031
RADIAT RES	1.792	5	0.139	1	0.031
J PHOTOCHEM PHOTOBIO B	1.791	0	0.000	1	0.031
CRIT CARE MED	1.790	1	0.028	0	0.000
J IMMUNOL METHODS	1.790	1	0.028	2	0.062
AM J DIS CHILD	1.789	1	0.028	0	0.000
BR J SURG	1.788	4	0.111	5	0.154
CELL SIGNAL	1.788	1	0.028	1	0.031
J BIOMOL STRUCT DYN	1.788	1	0.028	1	0.031
J PERIODONTOL	1.786	1	0.028	0	0.000
MICROVASC RES	1.775	1	0.028	0	0.000
J AFFECT DISORD	1.760	0	0.000	1	0.031
BLUT	1.747	1	0.028	0	0.000
BR J CLIN PHARMACOL	1.733	0	0.000	1	0.031
BREAST CANCER RES TREAT	1.731	0	0.000	2	0.062
J AM ACAD DERMATOL	1.712	0	0.000	1	0.031
JPN J CANCER RES	1.701	1	0.028	0	0.000
Q J MED	1.697	0	0.000	2	0.062
BRAIN RES BULL	1.692	0	0.000	1	0.031
INT J BIOL MACROMOL	1.685	2	0.055	1	0.031
PHARMACOL BIOCHEM BEHAV	1.675	0	0.000	3	0.093
AM J MED GENET	1.671	2	0.055	3	0.093
OBSTET GYNECOL	1.671	0	0.000	1	0.031
J CLIN EPIDEMIOLOG	1.669	0	0.000	1	0.031
SPRINGER SEMIN IMMUNOPATHOL	1.638	1	0.028	0	0.000
HISTOPATHOLOGY	1.609	0	0.000	2	0.062
J EPIDEMIOLOG COMMUNITY HEALTH	1.608	1	0.028	0	0.000
CRIT REV FOOD SCI NUTR	1.594	2	0.055	0	0.000
DIG DIS SCI	1.589	0	0.000	1	0.031
LASERS SURG MED	1.589	0	0.000	1	0.031
ANALYST	1.588	3	0.083	3	0.093
MED MICROBIOL IMMUNOL BERL	1.587	2	0.055	0	0.000
PEDIATR INFECT DIS J	1.580	1	0.028	2	0.062
BR J OBSTET GYNAECOL	1.576	2	0.055	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
MECH AGEING DEV	1.571	2	0.055	2	0.062
NEUROTOXICOL TERATOL	1.571	0	0.000	2	0.062
ANAT REC	1.569	1	0.028	1	0.031
J EXP PATHOL	1.568	1	0.028	0	0.000
CANCER IMMUNOL IMMUNOTHER	1.564	1	0.028	0	0.000
J MED MICROBIOL	1.561	6	0.166	2	0.062
IMMUNOL LETT	1.559	5	0.139	0	0.000
LIPIDS	1.554	0	0.000	1	0.031
NEUROSURGERY	1.554	2	0.055	3	0.093
SEMIN THROMB HEMOST	1.542	0	0.000	1	0.031
BR J NUTR	1.540	1	0.028	0	0.000
GENOME	1.537	2	0.055	2	0.062
AM J GASTROENTEROL	1.528	10	0.277	6	0.185
AM HEART J	1.526	8	0.222	7	0.216
INT J EPIDEMIOL	1.514	4	0.111	0	0.000
CARBOHYDR RES	1.506	2	0.055	0	0.000
ALCOHOL	1.500	1	0.028	1	0.031
J APPL BACTERIOL	1.497	3	0.083	3	0.093
STEROIDS	1.497	1	0.028	0	0.000
EUR SPINE J	1.495	0	0.000	1	0.031
NUTR CANCER	1.495	3	0.083	2	0.062
EXPERIENTIA	1.492	4	0.111	6	0.185
REPROD FERTIL DEV	1.492	0	0.000	2	0.062
ANN THORAC SURG	1.483	2	0.055	2	0.062
LEUK RES	1.479	3	0.083	4	0.123
CHEST	1.477	4	0.111	2	0.062
ARCH DIS CHILD	1.474	1	0.028	2	0.062
J VIROL METHODS	1.470	0	0.000	1	0.031
EPIDEMIOL INFECT	1.465	1	0.028	2	0.062
PROC SOC EXP BIOL MED	1.465	1	0.028	0	0.000
AM J PHYS ANTHROPOL	1.456	2	0.055	0	0.000
PLACENTA	1.454	1	0.028	0	0.000
BULL WORLD HEALTH ORGAN	1.450	2	0.055	7	0.216
TOXICON	1.444	4	0.111	6	0.185
J REPROD IMMUNOL	1.442	0	0.000	1	0.031
DIGESTION	1.441	1	0.028	0	0.000
J MOL GRAPH	1.433	0	0.000	1	0.031
NEUROCHEM RES	1.432	3	0.083	3	0.093
GYNECOL ONCOL	1.423	2	0.055	2	0.062
PLASMID	1.423	0	0.000	1	0.031
NEPHRON	1.418	2	0.055	4	0.123
J PSYCHIATR RES	1.403	1	0.028	0	0.000
J LIPID MEDIAT	1.394	1	0.028	0	0.000
IMMUNOBIOLOGY	1.379	0	0.000	1	0.031
MOL CELL BIOCHEM	1.377	7	0.194	20	0.617
ARCH TOXICOL	1.370	5	0.139	1	0.031
MOL BIOL REP	1.367	3	0.083	3	0.093
WORLD J SURG	1.364	1	0.028	0	0.000
J INORG BIOCHEM	1.361	5	0.139	2	0.062
J INFECT	1.350	1	0.028	2	0.062
J COMP PHYSIOL B	1.344	1	0.028	0	0.000
J BONE JOINT SURG AM	1.336	1	0.028	1	0.031
FEMS MICROBIOL LETT	1.334	9	0.250	8	0.247
J PROTEIN CHEM	1.329	2	0.055	0	0.000

HUM REPROD	1.328	1	0.028	4	0.123
ENZYME MICROB TECHNOL	1.315	2	0.055	1	0.031
BIOPHYS CHEM	1.314	0	0.000	2	0.062
ONCOLOGY	1.312	6	0.166	1	0.031
CLIN TRANSPLANT	1.309	0	0.000	1	0.031
DIABET MED	1.306	2	0.055	1	0.031
J NAT PROD	1.303	3	0.083	1	0.031
ACTA PSYCHIATR SCAND	1.300	3	0.083	4	0.123
J ANTIBIOT TOKYO	1.297	0	0.000	2	0.062
THROMB RES	1.293	1	0.028	0	0.000
CLIN GENET	1.288	1	0.028	1	0.031
BIOMATERIALS	1.280	3	0.083	3	0.093
ARCH ENVIRON HEALTH	1.273	0	0.000	4	0.123
J GASTROENTEROL HEPATOL	1.261	13	0.361	6	0.185
BR J ADDICT	1.260	1	0.028	0	0.000
PHYSIOL BEHAV	1.260	2	0.055	2	0.062
J STEROID BIOCHEM	1.259	1	0.028	0	0.000
ENVIRON RES	1.257	0	0.000	1	0.031
APPL MICROBIOL BIOTECHNOL	1.237	1	0.028	0	0.000
HEREDITY	1.236	0	0.000	2	0.062
J TRAUMA	1.230	1	0.028	0	0.000
CAN J ANAESTH	1.227	1	0.028	3	0.093
ARCH ENVIRON CONTAM TOXICOL	1.221	1	0.028	1	0.031
J PHARM SCI	1.221	2	0.055	4	0.123
IMMUNOPHARMACOLOGY	1.216	0	0.000	1	0.031
ENVIRON HEALTH PERSPECT	1.213	1	0.028	2	0.062
J COMPUT ASSIST TOMOGR	1.209	3	0.083	0	0.000
J ORAL PATHOL MED	1.206	2	0.055	1	0.031
GENITOURIN MED	1.205	1	0.028	0	0.000
EUR J CLIN PHARMACOL	1.204	2	0.055	0	0.000
FUNDAM APPL TOXICOL	1.199	0	0.000	1	0.031
Z NATURFORSCH C	1.195	1	0.055	1	0.031
AM J IND MED	1.191	1	0.028	0	0.000
J ACOUST SOC AM	1.186	1	0.028	0	0.000
VET MICROBIOL	1.186	2	0.055	2	0.062
TOXICOLOGY	1.182	2	0.055	2	0.062
NEPHROL DIAL TRANSPLANT	1.181	2	0.055	1	0.031
SURG GYNECOL OBSTET	1.178	1	0.028	0	0.000
J THEOR BIOL	1.174	3	0.083	2	0.062
J STUD ALCOHOL	1.161	0	0.000	1	0.031
INT J BIOCHEM	1.155	0	0.000	1	0.031
HEMATOL ONCOL	1.154	1	0.028	0	0.000
J TOXICOL ENVIRON HEALTH	1.153	0	0.000	1	0.031
PLAST RECONSTR SURG	1.139	2	0.055	1	0.031
CANCER LETT	1.137	17	0.472	14	0.432
DIS COLON RECTUM	1.133	1	0.028	0	0.000
PHYTOCHEMISTRY	1.133	2	0.055	3	0.093
INT J HYPERTHERMIA	1.131	2	0.055	0	0.000
BIOSCI REP	1.127	1	0.028	1	0.031
TRANS R SOC TROP MED HYG	1.127	14	0.388	6	0.185
VET REC	1.126	3	0.083	6	0.185
LUPUS	1.125	0	0.000	2	0.062
TRANSPLANT PROC	1.125	3	0.083	4	0.123
ACTA NEUROL SCAND	1.122	3	0.083	5	0.154
CRIT REV CLIN LAB SCI	1.118	0	0.000	1	0.031
PEDIATR NEPHROL	1.118	1	0.028	1	0.031
PHYS MED BIOL	1.117	1	0.028	0	0.000
CLIN BIOCHEM	1.108	1	0.028	2	0.062

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
CHEM PHARM BULL TOKYO	1.098	0	0.000	1	0.031
BR J OPHTHALMOL	1.096	1	0.028	3	0.093
J INHERIT METAB DIS	1.096	0	0.000	1	0.031
INT J IMMUNOPHARMACOL	1.093	3	0.083	0	0.000
J NEURAL TRANSM GEN SECT	1.091	1	0.028	0	0.000
CARDIOVASC DRUGS THER	1.089	0	0.000	1	0.031
INT J ANDROL	1.088	3	0.083	2	0.062
RHEUMATOL INT	1.083	0	0.000	3	0.093
BIOTECHNOL APPL BIOCHEM	1.082	7	0.194	1	0.031
BIOMED CHROMATOGR	1.080	1	0.028	4	0.123
PLANTA MED	1.078	1	0.028	5	0.154
TUBER LUNG DIS	1.078	0	0.000	3	0.093
PROSTAGLANDINS LEUKOT ESSENT FATT	1.075	3	0.083	5	0.154
GERONTOLOGY	1.074	3	0.083	6	0.185
J PHARMACOL TOXICOL METHODS	1.074	0	0.000	1	0.031
ARCH DERMATOL RES	1.070	1	0.028	0	0.000
INT J FOOD MICROBIOL	1.069	2	0.055	1	0.031
ANN ALLERGY	1.068	2	0.055	1	0.031
TUMOUR BIOL	1.068	0	0.000	2	0.062
DIAGN MICROBIOL INFECT DIS	1.064	0	0.000	1	0.031
RESPIR MED	1.062	1	0.028	0	0.000
ARTIF ORGANS	1.059	0	0.000	2	0.062
J ASSOC OFF ANAL CHEM	1.058	2	0.055	0	0.000
J CHROMATOGR B BIOMED APPL	1.058	0	0.000	3	0.093
AUTOIMMUNITY	1.053	1	0.028	1	0.031
NEURORADIOLOGY	1.051	2	0.055	4	0.123
J PHARM PHARMACOL	1.048	0	0.000	4	0.123
INT J PARASITOL	1.045	8	0.222	2	0.062
SCAND J INFECT DIS	1.043	1	0.028	0	0.000
LETT APPL MICROBIOL	1.042	1	0.028	1	0.031
ANTICANCER RES	1.041	1	0.028	1	0.031
AGENTS ACTIONS	1.037	1	0.028	2	0.062
IMMUNOL INVEST	1.033	1	0.028	1	0.031
INT ARCH OCCUP ENVIRON HEALTH	1.032	0	0.000	1	0.031
MED PEDIATR ONCOL	1.027	0	0.000	1	0.031
J CLIN LAB ANAL	1.026	0	0.000	1	0.031
ACTA TROP	1.022	1	0.028	1	0.031
J BIOMECH	1.020	2	0.055	1	0.031
ARCH INT PHARMACODYN THER	1.010	2	0.055	0	0.000
CAN J MICROBIOL	1.006	4	0.111	1	0.031
LARYNGOSCOPE	1.002	1	0.028	1	0.031
AUST N Z J MED	1.000	2	0.055	0	0.000
J BIOLUMIN CHEMILUMIN	1.000	0	0.000	1	0.031
J PINEAL RES	1.000	1	0.028	1	0.031
PHARMACOLOGY	0.994	2	0.055	0	0.000
SCAND J GASTROENTEROL	0.993	0	0.000	2	0.062
PHARMACOL TOXICOL	0.992	2	0.055	4	0.123
ALCOHOL ALCOHOL	0.988	1	0.028	1	0.031
J BONE JOINT SURG BR	0.986	3	0.083	3	0.093
NUCL MED COMMUN	0.982	0	0.000	1	0.031
J PROTOZOOL	0.981	2	0.055	0	0.000
ALLERGY	0.974	3	0.083	1	0.031
CLIN EXP PHARMACOL PHYSIOL	0.970	2	0.055	1	0.031
PANCREAS	0.967	1	0.028	1	0.031

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
ENDOCR RES	0.966	2	0.055	1	0.031
CATHET CARDIOVASC DIAGN	0.962	0	0.000	6	0.185
DERMATOLOGY	0.962	0	0.000	1	0.031
EUR J PEDIATR	0.961	0	0.000	1	0.031
CLIN CHIM ACTA	0.956	2	0.055	1	0.031
IEEE TRANS BIOMED ENG	0.952	1	0.028	0	0.000
INT J ORAL MAXILLOFAC SURG	0.950	3	0.083	3	0.093
NEUROEPIDEMIOLOGY	0.949	1	0.028	0	0.000
PROG NEUROPSYCHOPHARMACOL BIOL PS	0.946	1	0.028	0	0.000
CURR MICROBIOL	0.940	0	0.000	1	0.031
JPN J PHYSIOL	0.939	2	0.055	1	0.031
REG ANESTH	0.938	0	0.000	1	0.031
ACTA OBSTET GYNECOL SCAND	0.931	1	0.028	0	0.000
PARASITOL RES	0.928	2	0.055	0	0.000
J ANAT	0.926	3	0.083	2	0.062
J BIOCHEM BIOPHYS METHODS	0.921	2	0.055	2	0.062
PEDIATR NEUROL	0.917	0	0.000	1	0.031
AM J MED SCI	0.914	0	0.000	1	0.031
J HOSP INFECT	0.909	2	0.055	0	0.000
LEPR REV	0.908	8	0.222	4	0.123
IMMUNOL CELL BIOL	0.903	2	0.055	4	0.123
EXP MOL PATHOL	0.900	4	0.111	1	0.031
HYBRIDOMA	0.897	0	0.000	1	0.031
EUR J CLIN NUTR	0.895	5	0.139	4	0.123
NEUROTOXICOLOGY	0.895	0	0.000	1	0.031
J PEDIATR GASTROENTEROL NUTR	0.893	3	0.083	0	0.000
J CLIN GASTROENTEROL	0.890	6	0.166	3	0.093
J PEDIATR SURG	0.890	2	0.055	7	0.216
INT ARCH ALLERGY APPL IMMUNOL	0.887	3	0.083	0	0.000
INT ARCH ALLERGY IMMUNOL	0.886	0	0.000	2	0.062
CONTRACEPTION	0.883	16	0.444	6	0.185
EUR J APPL PHYSIOL	0.883	2	0.055	0	0.000
SURG ENDOSC	0.876	1	0.028	0	0.000
J MATH BIOL	0.872	1	0.028	0	0.000
J MED VET MYCOL	0.869	4	0.111	2	0.062
APMIS	0.868	1	0.028	0	0.000
INT J ARTIF ORGANS	0.868	1	0.028	0	0.000
J INVERTEBR PATHOL	0.867	2	0.055	2	0.062
HUM BIOL	0.866	0	0.000	1	0.031
REPROD TOXICOL	0.859	2	0.055	2	0.062
FOOD CHEM TOXICOL	0.857	2	0.055	8	0.247
J AM COLL NUTR	0.856	1	0.028	1	0.031
ACTA DERM VENEREOL	0.855	1	0.028	1	0.031
HORM RES	0.848	1	0.028	0	0.000
SEL CANCER THER	0.846	2	0.055	0	0.000
J ULTRASOUND MED	0.844	1	0.028	0	0.000
J HERED	0.841	2	0.055	0	0.000
J DERMATOL SURG ONCOL	0.837	0	0.000	1	0.031
MICROBIOL IMMUNOL	0.836	1	0.028	4	0.123
J CATARACT REFRACT SURG	0.833	0	0.000	4	0.123
ANN N Y ACAD SCI	0.830	2	0.055	4	0.123
EXP GERONTOL	0.830	0	0.000	1	0.031
ACTA PAEDIATR	0.827	0	0.000	3	0.093
ACTA PAEDIATR SCAND	0.827	4	0.111	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
ACTA NEUROCHIR WIEN	0.822	5	0.139	2	0.062
ARCH HISTOL CYTOL	0.819	1	0.028	0	0.000
ANAESTH INTENSIVE CARE	0.817	1	0.028	2	0.062
CONTACT DERMATITIS	0.817	7	0.194	3	0.093
J IMMUNOASSAY	0.817	2	0.055	2	0.062
NUTRITION	0.816	3	0.083	2	0.062
RADIAT ENVIRON BIOPHYS	0.811	1	0.028	2	0.062
APPL BIOCHEM BIOTECHNOL	0.808	1	0.028	3	0.093
LIVER	0.808	0	0.000	1	0.031
STAIN TECHNOL	0.805	1	0.028	0	0.000
J BIOCHEM TOXICOL	0.803	2	0.055	0	0.000
J MED ENTOMOL	0.785	1	0.028	1	0.031
J R SOC MED	0.785	0	0.000	1	0.031
J PARASITOL	0.781	3	0.083	1	0.031
HEAD NECK	0.778	2	0.055	0	0.000
TOXICOL LETT	0.774	4	0.111	2	0.062
EYE	0.772	0	0.000	1	0.031
BIOL TRACE ELEM RES	0.769	2	0.055	7	0.216
INT J CLIN PHARMACOL THER	0.756	0	0.000	2	0.062
INT J CLIN PHARMACOL THER TOXICOL	0.756	4	0.111	0	0.000
ANN GENET	0.755	2	0.055	1	0.031
TROP MED PARASITOL	0.755	21	0.583	1	0.031
J MED PRIMATOL	0.750	2	0.055	0	0.000
MED BIOL ENG COMPUT	0.750	1	0.028	1	0.031
INT J EXP PATHOL	0.748	2	0.055	1	0.031
PHARMACOTHERAPY	0.744	0	0.000	1	0.031
INT J BIOMED COMPUT	0.740	0	0.000	2	0.062
GEN HOSP PSYCHIATRY	0.739	2	0.055	0	0.000
HUM HERED	0.737	3	0.083	2	0.062
TERATOGEN CARCINOGEN MUTAGEN	0.732	0	0.000	1	0.031
MED VET ENTOMOL	0.728	0	0.000	2	0.062
CLIN RADIOL	0.727	6	0.166	3	0.093
ANN NUTR METAB	0.724	2	0.055	2	0.062
BIOCHEM GENET	0.724	2	0.055	2	0.062
CANCER INVEST	0.723	0	0.000	1	0.031
EUR J DRUG METAB PHARMACOKINET	0.723	0	0.000	1	0.031
INT J NEUROSCI	0.723	2	0.055	3	0.093
HORM METAB RES	0.721	2	0.055	2	0.062
ACTA CYTOL	0.720	10	0.277	10	0.309
INFECTIO	0.720	0	0.000	1	0.031
OPHTHALMIC RES	0.718	0	0.000	1	0.031
ACTA CHIR SCAND	0.716	2	0.055	0	0.000
SURG NEUROL	0.714	0	0.000	7	0.216
ANN OTOL RHINOL LARYNGOL	0.710	1	0.028	0	0.000
BR POULT SCI	0.710	0	0.000	1	0.031
LUNG	0.710	0	0.000	1	0.031
CELL MOL BIOL	0.705	1	0.028	0	0.000
PHARMACOL RES	0.702	5	0.139	2	0.062
BIOCHEM INT	0.697	65	1.803	0	0.000
UROL RES	0.695	0	0.000	1	0.031
CLIN CARDIOL	0.691	1	0.028	1	0.031
EUR J EPIDEMIOLOG	0.689	1	0.028	2	0.062
BIORHEOLOGY	0.688	0	0.000	1	0.031
LAB ANIM	0.685	1	0.028	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
ECOTOXICOL ENVIRON SAF	0.684	0	0.000	5	0.154
ECOTOXICOL ENVIRON SAFETY	0.684	10	0.277	0	0.000
J CLIN ULTRASOUND	0.683	2	0.055	0	0.000
J IN VITRO FERT EMBRYO TRANSF	0.679	1	0.028	0	0.000
CHRONOBIOL INT	0.677	2	0.055	0	0.000
BR J MED PSYCHOL	0.671	1	0.028	0	0.000
BR J RADIOL	0.671	6	0.166	5	0.154
BULL ENVIRON CONTAM TOXICOL	0.671	46	1.276	36	1.111
J ENDOD	0.668	1	0.028	1	0.031
BIOL NEONATE	0.665	2	0.055	0	0.000
BR J UROL	0.661	4	0.111	17	0.525
RES VET SCI	0.658	3	0.083	1	0.031
SCAND J CLIN LAB INVEST	0.652	0	0.000	1	0.031
PEDIATR HEMATOL ONCOL	0.650	1	0.028	1	0.031
EUR UROL	0.643	0	0.000	2	0.062
ANN HUM BIOL	0.641	2	0.055	0	0.000
HUM EXP TOXICOL	0.638	1	0.028	5	0.154
J NEUROSURG ANESTHESIOL	0.638	0	0.000	2	0.062
BIOCHEM MED METAB BIOL	0.632	5	0.139	0	0.000
CHILDS NERV SYST	0.630	5	0.139	4	0.123
HEALTH PHYS	0.629	3	0.083	2	0.062
COMP IMMUNOL MICROBIOL INFECT DIS	0.627	1	0.028	0	0.000
CANCER DETECT PREV	0.626	0	0.000	1	0.031
MYCOPATHOLOGIA	0.626	7	0.194	6	0.185
SCI TOTAL ENVIRON	0.618	1	0.028	1	0.031
HEREDITAS	0.616	2	0.055	1	0.031
ACTA ONCOL	0.613	3	0.083	8	0.247
OPHTHALMIC SURG	0.607	5	0.139	11	0.339
CLIN EXP DERMATOL	0.605	2	0.055	1	0.031
GASTROINTEST RADIOL	0.601	2	0.055	0	0.000
ORAL SURG ORAL MED ORAL PATHOL	0.601	7	0.194	0	0.000
RES COMMUN CHEM PATHOL PHARMACOL	0.599	3	0.083	0	0.000
AM J ORTHOD DENTOFACIAL ORTHOP	0.596	1	0.028	0	0.000
J VET PHARMACOL THER	0.595	2	0.055	2	0.062
AM J OTOL	0.587	1	0.028	1	0.031
BR J PLAST SURG	0.586	13	0.361	1	0.031
CANCER BIOCHEM BIOPHYS	0.585	1	0.028	0	0.000
COMMUNITY DENT ORAL EPIDEMIOLOG	0.585	1	0.028	2	0.062
VET PARASITOL	0.585	9	0.250	3	0.093
BIOSYSTEMS	0.581	2	0.055	2	0.062
CLIN LAB HAEMATOL	0.581	0	0.000	1	0.031
J CHEM TECHNOL BIOTECHNOL	0.579	2	0.055	1	0.031
DEV PHARMACOL THER	0.576	1	0.028	0	0.000
J COMP PATHOL	0.575	2	0.055	0	0.000
J REPROD MED	0.575	1	0.028	3	0.093
HEPATOGASTROENTEROLOGY	0.573	1	0.028	0	0.000
ACTA ORTHOP SCAND	0.569	1	0.028	1	0.031
ARCH PHARM WEINHEIM	0.569	1	0.028	0	0.000
AVIAT SPACE ENVIRON MED	0.568	0	0.000	1	0.031
SPINE	0.560	0	0.000	3	0.093
ACTA RADIOL	0.551	0	0.000	1	0.031
RES EXP MED BERL	0.547	1	0.028	2	0.062
MATH BIOSCI	0.546	1	0.028	2	0.062
ANN R COLL SURG ENGL	0.545	2	0.055	2	0.062

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
PEDIATR RADIOL	0.544	0	0.000	5	0.154
CHEMOTHERAPY	0.540	0	0.000	3	0.093
BASIC APPL HISTOCHEM	0.538	1	0.028	0	0.000
MOL CHEM NEUROPATHOL	0.536	2	0.055	1	0.031
GENETICA	0.531	4	0.111	0	0.000
FOLIA MICROBIOL PRAHA	0.527	2	0.000	3	0.093
FORENSIC SCI INT	0.527	5	0.139	0	0.000
INT J DERMATOL	0.523	23	0.638	14	0.432
J PROSTHET DENT	0.521	1	0.028	0	0.000
INT OPHTHALMOL	0.520	0	0.000	3	0.093
INT J PANCREATOL	0.518	1	0.028	1	0.031
SKELETAL RADIOL	0.516	1	0.028	1	0.031
ORL J OTORHINOLARYNGOL RELAT SPEC	0.511	0	0.000	1	0.031
CARDIOVASC INTERVENT RADIOL	0.507	1	0.028	2	0.062
J ENVIRON SCI HEALTH B	0.506	4	0.111	0	0.000
ARCH ANDROL	0.504	2	0.055	3	0.093
J TROP MED HYG	0.503	6	0.166	5	0.154
EXP PATHOL	0.500	4	0.111	0	0.000
J PAEDIATR CHILD HEALTH	0.500	1	0.028	1	0.031
J SURG ONCOL	0.499	11	0.305	22	0.679
INT J CARDIOL	0.497	23	0.638	26	0.802
ANN ENDOCRINOL PARIS	0.494	0	0.000	1	0.031
ARCH INT PHYSIOL BIOCHIM	0.487	3	0.083	0	0.000
ARCH INT PHYSIOL BIOCHIM BIOPHYS	0.487	0	0.000	2	0.062
J HUM HYPERTENS	0.487	0	0.000	2	0.062
PARAPLEGIA	0.487	1	0.028	4	0.123
ARZNEIMITTELFORSCHUNG	0.486	3	0.083	6	0.185
DERMATOL CLIN	0.485	0	0.000	3	0.093
EUR ARCH OTORHINOLARYNGOL	0.480	1	0.028	0	0.000
ACTA CRYSTALLOGR C	0.479	1	0.028	0	0.000
PHYSIOL CHEM PHYS MED NMR	0.472	3	0.083	0	0.000
CLIN PHYSIOL BIOCHEM	0.471	1	0.028	0	0.000
MED ONCOL TUMOR PHARMACOTHER	0.468	1	0.028	0	0.000
METHODS FIND EXP CLIN PHARMACOL	0.467	8	0.222	3	0.093
ANN TROP MED PARASITOL	0.465	2	0.055	4	0.123
DOC OPHTHALMOL	0.464	0	0.000	1	0.031
CORNEA	0.463	0	0.000	3	0.093
CLIN OTOLARYNGOL	0.462	0	0.000	1	0.031
EUR J ANAESTHESIOL	0.462	0	0.000	1	0.031
IND HEALTH	0.462	0	0.000	2	0.062
IMA J MATH APPL MED BIOL	0.455	1	0.028	0	0.000
INT J VITAM NUTR RES	0.453	1	0.028	0	0.000
TUMORI	0.453	2	0.055	2	0.062
ITAL J BIOCHEM	0.452	1	0.028	0	0.000
BR VET J	0.449	7	0.194	1	0.031
EUR J OBSTET GYNECOL REPROD BIOL	0.449	0	0.000	3	0.093
PEDIATR NEUROSURG	0.449	1	0.028	0	0.000
ZENTRALBL HYG UMWELTMED	0.448	1	0.028	1	0.031
ACTA DIABETOL LAT	0.444	2	0.055	0	0.000
BR J ORAL MAXILLOFAC SURG	0.444	3	0.083	1	0.031
COMPUT MED IMAGING GRAPH	0.444	1	0.028	1	0.031
FOOD ADDIT CONTAM	0.444	3	0.083	1	0.031
MED HYPOTHESES	0.442	0	0.000	3	0.093
DIABETES RES CLIN PRACT	0.441	3	0.083	7	0.216

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
ACTA VET SCAND	0.440	1	0.028	0	0.000
INT J FERTIL	0.438	4	0.111	0	0.000
ERGONOMICS	0.435	0	0.000	3	0.093
J AM MOSQ CONTROL ASSOC	0.435	3	0.083	2	0.062
LYMPHOLOGY	0.431	1	0.028	1	0.031
J MICROENCAPSUL	0.430	6	0.166	10	0.309
AUST VET J	0.424	1	0.028	0	0.000
J PSYCHOSOM OBSTET GYNAECOL	0.424	0	0.000	1	0.031
MED SCI LAW	0.422	2	0.055	3	0.093
IMMUNOPHARMACOL IMMUNOTOXICOL	0.418	2	0.055	2	0.062
VET RES COMMUN	0.414	6	0.166	3	0.093
ACTA OPHTHALMOL COPENH	0.413	8	0.222	3	0.093
MED LAB SCI	0.413	1	0.028	0	0.000
COMPUT METHODS PROGRAMS BIOMED	0.404	2	0.055	0	0.000
ANGIOLOGY	0.403	3	0.083	0	0.000
GYNECOL OBSTET INVEST	0.398	1	0.028	1	0.031
THORAC CARDIOVASC SURG	0.398	1	0.028	3	0.093
PEDIATR CARDIOL	0.396	2	0.055	0	0.000
J CARDIOVASC SURG TORINO	0.392	1	0.028	1	0.031
BRAZ J MED BIOL RES	0.389	1	0.028	0	0.000
J CLIN NEUROOPHTHALMOL	0.389	1	0.028	0	0.000
NETH J MED	0.389	1	0.028	0	0.000
BIOMATER ARTIF CELLS ARTIF ORGANS	0.387	2	0.055	0	0.000
ENDOD DENT TRAUMATOL	0.385	0	0.000	2	0.062
CLIN PEDIATR PHILA	0.384	5	0.139	1	0.031
J NUTR SCI VITAMINOL TOKYO	0.383	3	0.083	0	0.000
MEMBR BIOCHEM	0.375	1	0.028	0	0.000
CAN VET J	0.373	0	0.000	1	0.031
ANN PLAST SURG	0.368	4	0.111	3	0.093
NEUROPSYCHOBIOLOGY	0.368	0	0.000	1	0.031
JPN J MED SCI BIOL	0.367	2	0.055	1	0.031
NEOPLASMA	0.366	10	0.277	14	0.432
J SOC OCCUP MED	0.363	3	0.083	0	0.000
CLIN THER	0.362	1	0.028	0	0.000
PEDIATR DERMATOL	0.362	1	0.028	2	0.062
CLIN NUCL MED	0.355	2	0.055	3	0.093
CUTIS	0.355	1	0.028	2	0.062
CLIN NEUROL NEUROSURG	0.353	5	0.139	1	0.031
ENDOCRINOL JPN	0.351	2	0.055	0	0.000
AUST N Z J SURG	0.350	6	0.166	6	0.185
DRUG CHEM TOXICOL	0.347	1	0.028	1	0.031
TROP GEOGR MED	0.344	2	0.055	1	0.031
OCCUP ENVIRON MED	0.339	0	0.000	1	0.031
J HELMINTHOL	0.337	3	0.083	2	0.062
J LARYNGOL OTOL	0.332	7	0.194	10	0.309
MYCOSES	0.331	5	0.139	2	0.062
INDIAN J BIOCHEM BIOPHYS	0.328	90	2.497	81	2.499
J BASIC MICROBIOL	0.327	1	0.028	1	0.031
POSTGRAD MED J	0.325	3	0.083	8	0.247
JPN J OPHTHALMOL	0.324	0	0.000	1	0.031
INT J PEDIATR OTORHINOLARYNGOL	0.323	2	0.055	0	0.000
J TROP PEDIATR	0.320	10	0.277	10	0.309
ANAT ANZ	0.318	0	0.000	2	0.062
DIG DIS	0.311	1	0.028	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
PHARMAZIE	0.309	6	0.166	10	0.309
EUR J RADIOL	0.308	1	0.028	0	0.000
TOXICOL IND HEALTH	0.305	1	0.028	0	0.000
RESPIRATION	0.301	1	0.028	2	0.062
J OTOLARYNGOL	0.296	1	0.028	0	0.000
INT J GYNAECOL OBSTET	0.292	14	0.388	7	0.216
CONVULS THER	0.290	0	0.000	4	0.123
MED PROG TECHNOL	0.288	0	0.000	1	0.031
MEM INST OSWALDO CRUZ	0.288	0	0.000	1	0.031
ANN SOC BELG MED TROP	0.286	1	0.028	0	0.000
ANGLE ORTHOD	0.284	0	0.000	1	0.031
ACTA VIROL	0.275	1	0.028	6	0.185
OPHTHALMOLOGICA	0.273	0	0.000	1	0.031
J ETHNOPHARMACOL	0.272	24	0.666	13	0.401
DIAGN CYTOPATHOL	0.268	7	0.194	4	0.123
MICROBIOLOGY	0.268	0	0.000	4	0.123
INT J BIOMETEOROL	0.267	3	0.083	1	0.031
PREP BIOCHEM	0.262	0	0.000	2	0.062
CLIN DERMATOL	0.261	2	0.055	0	0.000
ANDROLOGIA	0.259	5	0.139	2	0.062
JPN HEART J	0.256	3	0.083	1	0.031
INJURY	0.254	3	0.083	1	0.031
J RADIAT RES TOKYO	0.250	2	0.055	0	0.000
CHILD NEPHROL UROL	0.248	1	0.028	0	0.000
POSTGRAD MED	0.236	2	0.055	0	0.000
MICROSURGERY	0.235	0	0.000	1	0.031
BIOTECH HISTOCHEM	0.230	0	0.000	1	0.031
ACTA PHYSIOL HUNG	0.228	7	0.194	3	0.093
INDIAN J MED RES	0.227	187	5.187	119	3.672
VET HUM TOXICOL	0.227	5	0.139	3	0.093
J ASTHMA	0.225	2	0.055	2	0.062
UROL INT	0.223	1	0.028	12	0.370
AUST N Z J OPHTHALMOL	0.220	1	0.028	0	0.000
AUST N Z J OBSTET GYNAECOL	0.219	5	0.139	3	0.093
ANN TROP PAEDIATR	0.212	9	0.250	4	0.123
Z MIKROSK ANAT FORSCH	0.212	1	0.028	0	0.000
BURNS	0.211	3	0.083	9	0.278
J HAND SURG AM	0.209	0	0.000	1	0.031
J PARENTER SCI TECHNOL	0.208	1	0.028	0	0.000
TROP DOCT	0.203	6	0.166	13	0.401
NAHRUNG	0.201	1	0.028	2	0.062
ACTA MICROBIOL HUNG	0.195	4	0.111	4	0.123
HEART LUNG	0.194	0	0.000	1	0.031
EXP CLIN ENDOCRINOL	0.193	2	0.055	0	0.000
CAN J OPHTHALMOL	0.192	1	0.028	0	0.000
J DIARRHOEAL DIS RES	0.190	4	0.111	4	0.123
JPN J SURG	0.188	4	0.111	0	0.000
INT ORTHOP	0.187	3	0.083	4	0.123
REN FAIL	0.185	1	0.028	5	0.154
PROSTHET ORTHOT INT	0.182	0	0.000	2	0.062
MICROBIOS	0.176	2	0.055	3	0.093
ANN OPHTHALMOL	0.171	3	0.083	1	0.031
INT SURG	0.169	2	0.055	2	0.062
ARCH EXP VETERINARMED	0.168	5	0.139	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
CLIN IMAGING	0.168	0	0.000	1	0.031
ORTHOPEDICS	0.151	2	0.055	0	0.000
TROP ANIM HEALTH PROD	0.143	1	0.028	7	0.216
SOZ PRAVENTIVMED	0.137	0	0.000	1	0.031
J SPORTS MED PHYS FITNESS	0.134	1	0.028	1	0.031
PARASSITOLOGIA	0.134	1	0.028	0	0.000
BR J CLIN PRACT	0.127	8	0.222	0	0.000
ZENTRALBL MIKROBIOL	0.127	1	0.028	0	0.000
INT ANGIOL	0.126	1	0.028	1	0.031
SOC BIOL	0.119	0	0.000	4	0.123
FOLIA PARASITOL PRAHA	0.118	5	0.139	0	0.000
ACTA VET HUNG	0.111	2	0.055	0	0.000
ACTA CARDIOL	0.110	0	0.000	2	0.062
J UROL	0.105	4	0.111	12	0.370
EAST AFR MED J	0.104	1	0.028	0	0.000
SURG RADIOL ANAT	0.079	0	0.000	1	0.031
INDIAN J MED SCI	0.072	26	0.721	28	0.864
PANMINERVA MED	0.065	1	0.028	0	0.000
J AM PODIATR MED ASSOC	0.059	0	0.000	1	0.031
J HAND SURG BR	0.053	3	0.083	1	0.031
AM J CHIN MED	0.052	1	0.028	0	0.000
S AFR J SURG	0.051	1	0.028	0	0.000
FOLIA BIOL KRAKOW	0.042	0	0.000	1	0.031
ABDOM IMAGING	0.000	0	0.000	2	0.062
ACTA CHIR PLAST	0.000	0	0.000	3	0.093
ACTA EUR FERTIL	0.000	10	0.277	1	0.031
ACTA LEPROL	0.000	4	0.111	2	0.062
ACTA NEUROBIOL EXP WARSZ	0.000	1	0.028	0	0.000
ACTA PAEDIATR SUPPL	0.000	0	0.000	1	0.031
ACT NERV SUPER PRAHA	0.000	3	0.083	0	0.000
ADDICT BEHAV	0.000	0	0.000	1	0.031
ADDICTION	0.000	0	0.000	4	0.123
ADV APPL MICROBIOL	0.000	1	0.028	0	0.000
ADV CONTRACEPT	0.000	2	0.055	0	0.000
ADV EXP MED BIOL	0.000	0	0.000	1	0.031
AGING MILANO	0.000	0	0.000	1	0.031
AM J CLIN ONCOL	0.000	0	0.000	1	0.031
ANGEW PARASITOL	0.000	2	0.055	0	0.000
ANN ACAD MED SINGAPORE	0.000	0	0.000	8	0.247
ANN DENT	0.000	4	0.111	1	0.031
ANN NUCL MED	0.000	0	0.000	1	0.031
ANTHROPOL ANZ	0.000	2	0.055	6	0.185
ANTICANCER DRUGS	0.000	0	0.000	2	0.062
ANTONIE VAN LEEUWENHOEK	0.000	3	0.083	0	0.000
APPL PARASITOL	0.000	0	0.000	2	0.062
ARCH ESP UROL	0.000	1	0.028	2	0.062
ARCH IMMUNOL THER EXP WARSZ	0.000	1	0.028	0	0.000
ARCH INVEST MED MEX	0.000	1	0.028	0	0.000
ARCH ITAL ANAT EMBRIOL	0.000	1	0.028	0	0.000
ARCH OTOLARYNGOL HEAD NECK SURG	0.000	1	0.028	1	0.031
ARCH SEX BEHAV	0.000	0	0.000	1	0.031
ARH HIG RADA TOKSIKOL	0.000	2	0.055	0	0.000
ARTHROSCOPY	0.000	0	0.000	1	0.031
ASIAN PAC J ALLERGY IMMUNOL	0.000	2	0.055	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
ASIA OCEANIA J OBSTET GYNAECOL	0.000	8	0.222	7	0.216
AURIS NASUS LARYNX	0.000	2	0.055	0	0.000
AUSTRALAS J DERMATOL	0.000	1	0.028	0	0.000
AUSTRALAS PHYS ENG SCI MED	0.000	0	0.000	1	0.031
AUSTRALAS RADIOL	0.000	8	0.222	9	0.278
BIOCHEM MOL BIOL INT	0.000	0	0.000	31	0.956
BIOFACTORS	0.000	1	0.028	1	0.031
BIOFEEDBACK SELF REGUL	0.000	0	0.000	1	0.031
BIOL MET	0.000	3	0.083	0	0.000
BIOL PHARM BULL	0.000	0	0.000	1	0.031
BIOL SIGNALS	0.000	0	0.000	1	0.031
BIOMED BIOCHIM ACTA	0.000	2	0.055	0	0.000
BIOMED ENVIRON SCI	0.000	12	0.333	9	0.278
BIOMED SCI INSTRUM	0.000	0	0.000	3	0.093
BIOMETALS	0.000	0	0.000	4	0.123
BIOORG MED CHEM	0.000	0	0.000	1	0.031
BIOSEPARATION	0.000	1	0.028	0	0.000
BOL CHIL PARASITOL	0.000	1	0.028	2	0.062
BOLL CHIM FARM	0.000	0	0.000	5	0.154
BR J CLIN PSYCHOL	0.000	1	0.028	0	0.000
BR J NEUROSURG	0.000	6	0.166	9	0.278
BULL KANAGAWA DENT COLL	0.000	1	0.028	0	0.000
BULL MED LIBR ASSOC	0.000	1	0.028	0	0.000
BULL NARC	0.000	0	0.000	1	0.031
CAN ASSOC RADIOL J	0.000	6	0.166	3	0.093
CANCER BIOTHER	0.000	0	0.000	1	0.031
CARDIOVASC SURG	0.000	0	0.000	2	0.062
CELL BIOL INT	0.000	0	0.000	3	0.093
CELL BIOPHYS	0.000	0	0.000	2	0.062
CEYLON MED J	0.000	0	0.000	1	0.031
CHEM BIOL INTERACT	0.000	2	0.055	0	0.000
CHUNG KUO YAO LI HSUEH PAO	0.000	2	0.055	0	0.000
CLIN ONCOL R COLL RADIOL	0.000	2	0.055	1	0.031
CLIN SCI COLCH	0.000	0	0.000	1	0.031
COMPR PSYCHIATRY	0.000	1	0.028	0	0.000
CRISIS	0.000	1	0.028	1	0.031
CURR BIOL	0.000	0	0.000	1	0.031
CYTOBIOS	0.000	1	0.028	7	0.216
CYTOPATHOLOGY	0.000	0	0.000	1	0.031
DEMOGRAPHY	0.000	1	0.028	0	0.000
DERMATOLOGICA	0.000	1	0.028	0	0.000
DEV NEUROSCI	0.000	0	0.000	1	0.031
DIABETES RES	0.000	0	0.000	1	0.031
DRUG DES DELIV	0.000	4	0.111	0	0.000
DRUG DES DISCOV	0.000	0	0.000	1	0.031
EAR NOSE THROAT J	0.000	5	0.139	3	0.093
ELECTROMYOGR CLIN NEUROPHYSIOL	0.000	0	0.000	4	0.123
ENDOCR J	0.000	0	0.000	1	0.031
EPITHELIAL CELL BIOL	0.000	0	0.000	3	0.093
EUR J CANCER B ORAL ONCOL	0.000	0	0.000	3	0.093
EUR J ENDOCRINOL	0.000	0	0.000	1	0.031
EUR J GYNAECOL ONCOL	0.000	2	0.055	0	0.000
EUR J SURG	0.000	0	0.000	1	0.031
EUR J SURG ONCOL	0.000	0	0.000	4	0.123

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JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
EUR RESPIR J	0.000	0	0.000	1	0.031
EXP DERMATOL	0.000	0	0.000	1	0.031
FEMS IMMUNOL MED MICROBIOL	0.000	0	0.000	6	0.185
FEMS MICROBIOL IMMUNOL	0.000	3	0.083	0	0.000
FOLIA MORPHOL PRAHA	0.000	15	0.416	0	0.000
FORTSCHR CHEM ORG NATURST	0.000	0	0.000	1	0.031
FUNCT DEV MORPHOL	0.000	0	0.000	2	0.062
FUNCT NEUROL	0.000	1	0.028	0	0.000
GASTROENTEROL JPN	0.000	6	0.166	0	0.000
GEGENBAURS MORPHOL JAHRB	0.000	4	0.111	0	0.000
GENE GEOGR	0.000	1	0.028	0	0.000
GEOGR MED	0.000	4	0.111	0	0.000
GER J OPHTHALMOL	0.000	0	0.000	1	0.031
HEART VESSELS SUPPL	0.000	1	0.028	0	0.000
HEMATOL PATHOL	0.000	1	0.028	0	0.000
HINDUSTAN ANTIBIOT BULL	0.000	9	0.250	4	0.123
HPB SURG	0.000	0	0.000	1	0.031
HUM MUTAT	0.000	0	0.000	1	0.031
HYGIE	0.000	1	0.028	0	0.000
INDIAN HEART J	0.000	64	1.775	66	2.036
INDIAN J CANCER	0.000	36	0.999	37	1.142
INDIAN J CHEST DIS ALLIED SCI	0.000	41	1.137	29	0.895
INDIAN J DERMATOL	0.000	9	0.250	0	0.000
INDIAN J EXP BIOL	0.000	185	5.132	141	4.351
INDIAN J GASTROENTEROL	0.000	45	1.248	43	1.327
INDIAN J LEPR	0.000	57	1.581	17	0.525
INDIAN J MALARIOL	0.000	28	0.777	15	0.463
INDIAN J OPHTHALMOL	0.000	51	1.415	20	0.617
INDIAN J PATHOL MICROBIOL	0.000	72	2.136	65	2.006
INDIAN J PEDIATR	0.000	111	3.079	88	2.715
INDIAN J PHYSIOL PHARMACOL	0.000	52	1.442	58	1.790
INDIAN J PUBLIC HEALTH	0.000	33	0.915	20	0.617
INDIAN PEDIATR	0.000	188	5.215	177	5.461
INT DENT J	0.000	0	0.000	1	0.031
INT J CARD IMAGING	0.000	1	0.028	0	0.000
INT J DEV BIOL	0.000	0	0.000	2	0.062
INT J FERTIL MENOPAUSAL STUD	0.000	0	0.000	3	0.093
INT J HEALTH SERV	0.000	1	0.028	1	0.031
INT J LEPR OTHER MYCOBACT DIS	0.000	17	0.472	11	0.339
INT J MED MICROBIOL	0.000	2	0.055	0	0.000
INT J MED MICROBIOL VIROL PARASITE	0.000	0	0.000	3	0.093
INT J RAD APPL INSTRUM A	0.000	2	0.055	0	0.000
INT J RAD APPL INSTRUM B	0.000	1	0.028	0	0.000
INT J REHABIL RES	0.000	2	0.055	0	0.000
INT J SOC PSYCHIATRY	0.000	1	0.028	0	0.000
INT J STD AIDS	0.000	2	0.055	5	0.154
INT UROL NEPHROL	0.000	3	0.083	4	0.123
IN VIVO	0.000	0	0.000	1	0.031
J AM COLL SURG	0.000	0	0.000	1	0.031
J AOAC INT	0.000	0	0.000	1	0.031
J APPL TOXICOL	0.000	4	0.111	2	0.062
J ASSOC PHYSICIANS INDIA	0.000	206	5.714	208	6.418
J BIOMATER APPL	0.000	2	0.055	1	0.031
J BIOMATER SCI POLYM ED	0.000	1	0.028	2	0.062

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
J BIOTECHNOL	0.000	0	0.000	2	0.062
J CANCER EDUC	0.000	0	0.000	1	0.031
J CARDIOTHORAC VASC ANESTH	0.000	0	0.000	1	0.031
J CARDIOVASC RISK	0.000	0	0.000	1	0.031
J CARD SURG	0.000	0	0.000	2	0.062
J CLIN LAB IMMUNOL	0.000	1	0.028	0	0.000
J CLIN ORTHOD	0.000	1	0.028	0	0.000
J CLIN PEDIATR DENT	0.000	0	0.000	3	0.093
J COMMUN DIS	0.000	50	1.387	35	1.080
J DERMATOL	0.000	4	0.111	11	0.339
J DIABET COMPLICATIONS	0.000	1	0.028	0	0.000
J DRUG TARGET	0.000	0	0.000	1	0.031
J ENDOUROL	0.000	0	0.000	2	0.062
J ENVIRON PATHOL TOXICOL ONCOL	0.000	1	0.028	4	0.123
J ENZYM INHIB	0.000	1	0.028	0	0.000
J EXP PATHOL OXFORD	0.000	2	0.055	0	0.000
J GENET PSYCHOL	0.000	0	0.000	1	0.031
J HEART VALVE DIS	0.000	0	0.000	4	0.123
J HIRNFORSCH	0.000	2	0.055	0	0.000
J HUM ERGOL TOKYO	0.000	0	0.000	2	0.062
J HYG EPIDEMIOLOG MICROBIOL IMMUNOL	0.000	2	0.055	0	0.000
J INDIAN DENT ASSOC	0.000	4	0.111	0	0.000
J INDIAN MED ASSOC	0.000	105	2.913	102	3.147
J LEARN DISABIL	0.000	1	0.028	0	0.000
J MED SYST	0.000	1	0.028	0	0.000
J NEUROONCOL	0.000	0	0.000	1	0.031
J NUCL BIOL MED	0.000	0	0.000	1	0.031
J NURSE MIDWIFERY	0.000	0	0.000	1	0.031
J ORTHOP TRAUMA	0.000	2	0.055	0	0.000
J PEDIATR OPHTHALMOL STRABISMUS	0.000	2	0.055	2	0.062
J PEDOD	0.000	1	0.028	0	0.000
J PHARM BIOMED ANAL	0.000	0	0.000	5	0.154
J PHYSIOL PHARMACOL	0.000	0	0.000	1	0.031
J PIERRE FAUCHARD ACAD	0.000	6	0.166	0	0.000
JPMA J PAK MED ASSOC	0.000	1	0.028	0	0.000
J POSTGRAD MED	0.000	59	1.637	0	0.000
J R COLL SURG EDINB	0.000	0	0.000	1	0.031
J REHABIL RES DEV	0.000	1	0.028	0	0.000
J R SOC HEALTH	0.000	3	0.083	0	0.000
J SOC PSYCHOL	0.000	2	0.055	3	0.093
J STEROID BIOCHEM MOL BIOL	0.000	1	0.028	3	0.093
J VASC INTERV RADIOLOG	0.000	0	0.000	1	0.031
LEUK LYMPHOMA	0.000	0	0.000	2	0.062
MAGNES RES	0.000	0	0.000	1	0.031
MAGNES TRACE ELEM	0.000	4	0.111	0	0.000
MATER MED POL	0.000	1	0.028	0	0.000
MED ANTHROPOL	0.000	0	0.000	1	0.031
MED DOSIM	0.000	0	0.000	1	0.031
MED ENG PHYS	0.000	0	0.000	1	0.031
MELANOMA RES	0.000	0	0.000	1	0.031
MIDDLE EAST J ANESTHESIOLOG	0.000	0	0.000	1	0.031
MORPHOL EMBRYOL BUCUR	0.000	1	0.028	0	0.000
NATL MED J INDIA	0.000	0	0.000	55	1.697
NAUNYN SCHMIEDEBERGS ARCH PHARMAC	0.000	1	0.028	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO		NO	%
NEUROLOGIJA	0.000	1	0.028	0	0.000
NEUROL RES	0.000	0	0.000	1	0.031
NEUROREPORT	0.000	0	0.000	2	0.062
NEW DIR MENT HEALTH SERV	0.000	0	0.000	1	0.031
OKAJIMAS FOLIA ANAT JPN	0.000	1	0.028	1	0.031
PALLIAT MED	0.000	0	0.000	1	0.031
PATHOLOGY	0.000	1	0.028	1	0.031
PLANT FOODS HUM NUTR	0.000	9	0.250	28	0.864
PROG CLIN BIOL RES	0.000	5	0.139	0	0.000
PROG DRUG RES	0.000	2	0.055	2	0.062
PROTEIN EXPR PURIF	0.000	0	0.000	2	0.062
PSYCHOL REP	0.000	1	0.028	1	0.031
QUINTESSENCE INT	0.000	1	0.055	1	0.031
RADIAT MED	0.000	0	0.000	1	0.031
RADIOBIOL RADIOTHER BERL	0.000	7	0.194	0	0.000
RADIOISOTOPES	0.000	3	0.083	0	0.000
RETINA	0.000	0	0.000	2	0.062
REV SCI TECH	0.000	1	0.028	2	0.062
RISK ANAL	0.000	0	0.000	1	0.031
SANGYO IKA DAIGAKU ZASSHI	0.000	0	0.000	2	0.062
SARCOIDOSIS	0.000	2	0.055	0	0.000
SINGAPORE MED J	0.000	1	0.028	1	0.031
SOC SCI MED	0.000	2	0.055	1	0.031
SOUTHEAST ASIAN J TROP MED PUBLIC	0.000	0	0.000	8	0.247
STRAHLENTHER ONKOL	0.000	4	0.111	2	0.062
STUD FAM PLANN	0.000	1	0.028	2	0.062
SURG TODAY	0.000	0	0.000	3	0.093
THYROID	0.000	0	0.000	1	0.031
TRANSPL IMMUNOL	0.000	0	0.000	1	0.031
TROP GASTROENTEROL	0.000	24	0.666	24	0.741
TUBERCLE	0.000	6	0.166	0	0.000
WORLD HEALTH FORUM	0.000	2	0.055	3	0.093
WORLD HEALTH STAT Q	0.000	1	0.028	0	0.000
XENOBIOTICA	0.000	1	0.028	0	0.000
ZENTRALBL VETERINARMED A	0.000	2	0.055	1	0.031
Z GESAMTE HYG	0.000	1	0.028	0	0.000
TOTAL		3605	100	3241	100

TABLE 3
PUBLISHING JOURNAL PROFILE BY TOTAL NO. OF PAPERS
INDEX MEDICUS

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
ABDOM IMAGING	USA	0	0.000	2	0.062
ACTA CARDIOL	BELGIUM	0	0.000	2	0.062
ACTA CHIR PLAST	CZECH REPUBLIC	0	0.000	3	0.093
ACTA CHIR SCAND	SWEDEN	2	0.055	0	0.000
ACTA CRYSTALLOGR B	DENMARK	2	0.055	0	0.000
ACTA CRYSTALLOGR C	DENMARK	1	0.028	0	0.000
ACTA CYTOL	USA	10	0.277	10	0.309
ACTA DERM VENEREOL	SWEDEN	1	0.028	1	0.031
ACTA DIABETOL LAT	ITALY	2	0.055	0	0.000
ACTA EUR FERTIL	ITALY	10	0.277	1	0.031
ACTA LEPROL	SWITZERLAND	4	0.111	2	0.062
ACTA MICROBIOL HUNG	HUNGARY	4	0.111	4	0.123
ACTA NEUROBIOL EXP WARSZ	POLAND	1	0.028	0	0.000
ACTA NEUROCHIR WIEN	AUSTRIA	5	0.139	2	0.062
ACTA NEUROL SCAND	DENMARK	3	0.083	5	0.154
ACTA NEUROPATHOL BERL	GERMANY	1	0.028	2	0.062
ACTA OBSTET GYNECOL SCAND	SWEDEN	1	0.028	0	0.000
ACTA ONCOL	SWEDEN	3	0.083	8	0.247
ACTA OPHTHALMOL COPENH	DENMARK	8	0.222	3	0.093
ACTA ORTHOP SCAND	DENMARK	1	0.028	1	0.031
ACTA PAEDIATR	NORWAY	0	0.000	3	0.093
ACTA PAEDIATR SCAND	SWEDEN	4	0.111	0	0.000
ACTA PAEDIATR SUPPL	NORWAY	0	0.000	1	0.031
ACTA PHYSIOL HUNG	HUNGARY	7	0.194	3	0.093
ACTA PSYCHIATR SCAND	DENMARK	3	0.083	4	0.123
ACTA RADIOL	DENMARK	0	0.000	1	0.031
ACTA TROP	NETHERLANDS	1	0.028	1	0.031
ACTA VET HUNG	HUNGARY	2	0.055	0	0.000
ACTA VET SCAND	DENMARK	1	0.028	0	0.000
ACTA VIROL	CZECH REPUBLIC	1	0.028	6	0.185
ACT NERV SUPER PRAHA	CZECH REPUBLIC	3	0.083	0	0.000
ADDICT BEHAV	ENGLAND	0	0.000	1	0.031
ADDICTION	ENGLAND	0	0.000	4	0.123
ADV APPL MICROBIOL	USA	1	0.028	0	0.000
ADV CONTRACEPT	NETHERLANDS	2	0.055	0	0.000
ADV EXP MED BIOL	USA	0	0.000	1	0.031
AGENTS ACTIONS	SWITZERLAND	1	0.028	2	0.062
AGING MILANO	ITALY	0	0.000	1	0.031
AIDS	USA	0	0.000	2	0.062
AJR AM J ROENTGENOL	USA	2	0.055	2	0.062
ALCOHOL	USA	1	0.028	1	0.031
ALCOHOL ALCOHOL	ENGLAND	1	0.028	1	0.031
ALLERGY	DENMARK	3	0.083	1	0.031
AM HEART J	USA	8	0.222	7	0.216
AM J CARDIOL	USA	2	0.055	1	0.031
AM J CHIN MED	USA	1	0.028	0	0.000
AM J CLIN NUTR	USA	1	0.028	0	0.000
AM J CLIN ONCOL	USA	0	0.000	1	0.031
AM J DIS CHILD	USA	1	0.028	0	0.000
AM J GASTROENTEROL	USA	10	0.277	6	0.185

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
AM J IND MED	USA	1	0.028	0	0.000
AM J KIDNEY DIS	USA	0	0.000	2	0.062
AM J MED	USA	0	0.000	1	0.031
AM J MED GENET	USA	2	0.055	3	0.093
AM J MED SCI	USA	0	0.000	1	0.031
AM J OPHTHALMOL	USA	0	0.000	1	0.031
AM J ORTHOD DENTOFACIAL ORTHOP	USA	1	0.028	0	0.000
AM J OTOL	USA	1	0.028	1	0.031
AM J PHYS ANTHROPOL	USA	2	0.055	0	0.000
AM J PHYSIOL	USA	0	0.000	2	0.062
AM J REPROD IMMUNOL	DENMARK	1	0.028	0	0.000
AM J SURG	USA	0	0.000	1	0.031
AM J TROP MED HYG	USA	1	0.028	4	0.123
AM REV RESPIR DIS	USA	1	0.028	0	0.000
ANAESTHESIA	ENGLAND	3	0.083	6	0.185
ANAESTH INTENSIVE CARE	AUSTRALIA	1	0.028	2	0.062
ANAL BIOCHEM	USA	3	0.083	2	0.062
ANALYST	ENGLAND	3	0.083	3	0.093
ANAT ANZ	GERMANY	0	0.000	2	0.062
ANAT REC	USA	1	0.028	1	0.031
ANDROLOGIA	GERMANY	5	0.139	2	0.062
ANESTHESIOLOGY	USA	1	0.028	0	0.000
ANGEW PARASITOL	GERMANY	2	0.055	0	0.000
ANGIOLOGY	USA	3	0.083	0	0.000
ANGLE ORTHOD	USA	0	0.000	1	0.031
ANN ACAD MED SINGAPORE	SINGAPORE	0	0.000	8	0.247
ANN ALLERGY	USA	2	0.055	1	0.031
ANN DENT	USA	4	0.111	1	0.031
ANN ENDOCRINOL PARIS	FRANCE	0	0.000	1	0.031
ANN GENET	FRANCE	2	0.055	1	0.031
ANN HUM BIOL	ENGLAND	2	0.055	0	0.000
ANN NEUROL	USA	1	0.028	0	0.000
ANN NUCL MED	JAPAN	0	0.000	1	0.031
ANN NUTR METAB	SWITZERLAND	2	0.055	2	0.062
ANN N Y ACAD SCI	USA	2	0.055	4	0.123
ANN ONCOL	NETHERLANDS	0	0.000	1	0.031
ANN OPHTHALMOL	USA	3	0.083	1	0.031
ANN OTOL RHINOL LARYNGOL	USA	1	0.028	0	0.000
ANN PLAST SURG	USA	4	0.111	3	0.093
ANN R COLL SURG ENGL	ENGLAND	2	0.055	2	0.062
ANN RHEUM DIS	ENGLAND	1	0.028	0	0.000
ANN SOC BELG MED TROP	BELGIUM	1	0.028	0	0.000
ANN SURG	USA	0	0.000	1	0.031
ANN THORAC SURG	USA	2	0.055	2	0.062
ANN TROP MED PARASITOL	ENGLAND	2	0.055	4	0.123
ANN TROP PAEDIATR	ENGLAND	9	0.250	4	0.123
ANTHROPOL ANZ	GERMANY	2	0.055	6	0.185
ANTICANCER DRUGS	ENGLAND	0	0.000	2	0.062
ANTICANCER RES	GREECE	1	0.028	1	0.031
ANTIMICROB AGENTS CHEMOTHER	USA	2	0.055	1	0.031
ANTONIE VAN LEEUWENHOEK	NETHERLANDS	3	0.083	0	0.000
APMIS	DENMARK	1	0.028	0	0.000
APPL BIOCHEM BIOTECHNOL	USA	1	0.028	3	0.093
APPL ENVIRON MICROBIOL	USA	1	0.028	2	0.062

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
APPL MICROBIOL BIOTECHNOL	GERMANY	1	0.028	0	0.000
APPL PARASITOL	GERMANY	0	0.000	2	0.062
ARCH ANDROL	USA	2	0.055	3	0.093
ARCH BIOCHEM BIOPHYS	USA	5	0.139	4	0.123
ARCH DERMATOL	USA	1	0.028	1	0.031
ARCH DERMATOL RES	GERMANY	1	0.028	0	0.000
ARCH DIS CHILD	ENGLAND	1	0.028	2	0.062
ARCH ENVIRON CONTAM TOXICOL	USA	1	0.028	1	0.031
ARCH ENVIRON HEALTH	USA	0	0.000	4	0.123
ARCH ESP UROL	SPAIN	1	0.028	2	0.062
ARCH EXP VETERINARMED	GERMANY	5	0.139	0	0.000
ARCH HISTOL CYTOL	JAPAN	1	0.028	0	0.000
ARCH IMMUNOL THER EXP WARSZ	POLAND	1	0.028	0	0.000
ARCH INT PHARMACODYN THER	BELGIUM	2	0.055	0	0.000
ARCH INT PHYSIOL BIOCHIM	BELGIUM	3	0.083	0	0.000
ARCH INT PHYSIOL BIOCHIM BIOPHYS	BELGIUM	0	0.000	2	0.062
ARCH INVEST MED MEX	MEXICO	1	0.028	0	0.000
ARCH ITAL ANAT EMBRIOL	ITALY	1	0.028	0	0.000
ARCH MICROBIOL	GERMANY	2	0.055	1	0.031
ARCH OPHTHALMOL	USA	1	0.028	1	0.031
ARCH OTOLARYNGOL HEAD NECK SURG	USA	1	0.028	1	0.031
ARCH PHARM WEINHEIM	GERMANY	1	0.028	0	0.000
ARCH SEX BEHAV	USA	0	0.000	1	0.031
ARCH TOXICOL	GERMANY	5	0.139	1	0.031
ARH HIG RADA TOKSIKOL	YUGOSLAVIA	2	0.055	0	0.000
ARTHROSCOPY	USA	0	0.000	1	0.031
ARTIF ORGANS	USA	0	0.000	2	0.062
ARZNEIMITTELFORSCHUNG	GERMANY	3	0.083	6	0.185
ASIAN PAC J ALLERGY IMMUNOL	THAILAND	2	0.055	0	0.000
ASIA OCEANIA J OBSTET GYNAECOL	JAPAN	8	0.222	7	0.216
AURIS NASUS LARYNX	JAPAN	2	0.055	0	0.000
AUST N Z J MED	AUSTRALIA	2	0.055	0	0.000
AUST N Z J OBSTET GYNAECOL	AUSTRALIA	5	0.139	3	0.093
AUST N Z J OPHTHALMOL	AUSTRALIA	1	0.028	0	0.000
AUST N Z J SURG	AUSTRALIA	6	0.166	6	0.185
AUSTRALAS J DERMATOL	AUSTRALIA	1	0.028	0	0.000
AUSTRALAS PHYS ENG SCI MED	AUSTRALIA	0	0.000	1	0.031
AUSTRALAS RADIOL	AUSTRALIA	8	0.222	9	0.278
AUST VET J	AUSTRALIA	1	0.028	0	0.000
AUTOIMMUNITY	SWITZERLAND	1	0.028	1	0.031
AVIAT SPACE ENVIRON MED	USA	0	0.000	1	0.031
BASIC APPL HISTOCHEM	ITALY	1	0.028	0	0.000
BEHAV BRAIN RES	NETHERLANDS	1	0.028	0	0.000
BEHAV NEURAL BIOL	USA	1	0.028	0	0.000
BIOCHEM BIOPHYS RES COMMUN	USA	19	0.527	22	0.679
BIOCHEM GENET	USA	2	0.055	2	0.062
BIOCHEM INT	AUSTRALIA	65	1.803	0	0.000
BIOCHEMISTRY	USA	3	0.083	4	0.123
BIOCHEM J	ENGLAND	2	0.055	5	0.154
BIOCHEM MED METAB BIOL	USA	5	0.139	0	0.000
BIOCHEM MOL BIOL INT	AUSTRALIA	0	0.000	31	0.956
BIOCHEM PHARMACOL	ENGLAND	10	0.277	5	0.154
BIOCHIM BIOPHYS ACTA	NETHERLANDS	10	0.277	16	0.494
BIOFACTORS	ENGLAND	1	0.028	1	0.031

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
BIOFEEDBACK SELF REGUL	USA	0	0.000	1	0.031
BIOL MET	GERMANY	3	0.083	0	0.000
BIOL NEONATE	SWITZERLAND	2	0.055	0	0.000
BIOL PHARM BULL	JAPAN	0	0.000	1	0.031
BIOL PSYCHIATRY	USA	0	0.000	7	0.216
BIOL REPROD	USA	2	0.055	0	0.000
BIOL SIGNALS	SWITZERLAND	0	0.000	1	0.031
BIOL TRACE ELEM RES	USA	2	0.055	7	0.216
BIOMATER ARTIF CELLS ARTIF ORGANS	USA	2	0.055	0	0.000
BIOMATERIALS	ENGLAND	3	0.083	3	0.093
BIOMED BIOCHIM ACTA	GERMANY	2	0.055	0	0.000
BIOMED CHROMATOGR	ENGLAND	1	0.028	4	0.123
BIOMED ENVIRON SCI	USA	12	0.333	9	0.278
BIOMED SCI INSTRUM	USA	0	0.000	3	0.093
BIOMETALS	ENGLAND	0	0.000	4	0.123
BIOORG MED CHEM	ENGLAND	0	0.000	1	0.031
BIOPHYS CHEM	NETHERLANDS	0	0.000	2	0.062
BIOPHYS J	USA	0	0.000	1	0.031
BIOPOLYMERS	USA	7	0.194	2	0.062
BIORHEOLOGY	ENGLAND	0	0.000	1	0.031
BIOSCI REP	USA	1	0.028	1	0.031
BIOSENS BIOELECTRON	ENGLAND	0	0.000	1	0.031
BIOSEPARATION	NETHERLANDS	1	0.028	0	0.000
BIOSYSTEMS	IRELAND	2	0.055	2	0.062
BIOTECH HISTOCHEM	USA	0	0.000	1	0.031
BIOTECHNIQUES	USA	0	0.000	5	0.154
BIOTECHNOL APPL BIOCHEM	USA	7	0.194	1	0.031
BLOOD	USA	0	0.000	1	0.031
BLUT	GERMANY	1	0.028	0	0.000
BMJ	ENGLAND	5	0.139	5	0.154
BOL CHIL PARASITOL	CHILE	1	0.028	2	0.062
BOLL CHIM FARM	ITALY	0	0.000	5	0.154
BONE MARROW TRANSPLANT	ENGLAND	0	0.000	1	0.031
BRAIN RES	NETHERLANDS	4	0.111	0	0.000
BRAIN RES BULL	USA	0	0.000	1	0.031
BRAZ J MED BIOL RES	BRAZIL	1	0.028	0	0.000
BREAST CANCER RES TREAT	NETHERLANDS	0	0.000	2	0.062
BR HEART J	ENGLAND	1	0.028	0	0.000
BR J ADDICT	ENGLAND	1	0.028	0	0.000
BR J CANCER	ENGLAND	7	0.194	1	0.031
BR J CLIN PHARMACOL	ENGLAND	0	0.000	1	0.031
BR J CLIN PRACT	ENGLAND	8	0.222	0	0.000
BR J CLIN PSYCHOL	ENGLAND	1	0.028	0	0.000
BR J MED PSYCHOL	ENGLAND	1	0.028	0	0.000
BR J NEUROSURG	ENGLAND	6	0.166	9	0.278
BR J NUTR	ENGLAND	1	0.028	0	0.000
BR J OBSTET GYNAECOL	ENGLAND	2	0.055	0	0.000
BR J OPHTHALMOL	ENGLAND	1	0.028	3	0.093
BR J ORAL MAXILLOFAC SURG	SCOTLAND	3	0.083	1	0.031
BR J PLAST SURG	SCOTLAND	13	0.361	1	0.031
BR J PSYCHIATRY	ENGLAND	7	0.194	2	0.062
BR J RADIOLOG	ENGLAND	6	0.166	5	0.154
BR J SURG	ENGLAND	4	0.111	5	0.154
BR J UROL	ENGLAND	4	0.111	17	0.525

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
BR POULT SCI	SCOTLAND	0	0.000	1	0.031
BR VET J	ENGLAND	7	0.194	1	0.031
BULL ENVIRON CONTAM TOXICOL	USA	46	1.276	36	1.111
BULL KANAGAWA DENT COLL	JAPAN	1	0.028	0	0.000
BULL MED LIBR ASSOC	USA	1	0.028	0	0.000
BULL NARC	USA	0	0.000	1	0.031
BULL WORLD HEALTH ORGAN	SWITZERLAND	2	0.055	7	0.216
BURNS	ENGLAND	3	0.083	9	0.278
CALCIF TISSUE INT	USA	2	0.055	0	0.000
CAN ASSOC RADIOL J	CANADA	6	0.166	3	0.093
CANCER	USA	5	0.139	5	0.154
CANCER BIOCHEM BIOPHYS.	ENGLAND	1	0.028	0	0.000
CANCER BIOTHER	USA	0	0.000	1	0.031
CANCER DETECT PREV	USA	0	0.000	1	0.031
CANCER GENET CYTOGENET	USA	5	0.139	3	0.093
CANCER IMMUNOL IMMUNOTHER	GERMANY	1	0.028	0	0.000
CANCER INVEST	USA	0	0.000	1	0.031
CANCER LETT	IRELAND	17	0.472	14	0.432
CAN J ANAESTH	CANADA	1	0.028	3	0.093
CAN J MICROBIOL	CANADA	4	0.111	1	0.031
CAN J OPHTHALMOL	CANADA	1	0.028	0	0.000
CAN VET J	CANADA	0	0.000	1	0.031
CARBOHYDR RES	NETHERLANDS	2	0.055	0	0.000
CARCINOGENESIS	ENGLAND	2	0.055	5	0.154
CARDIOVASC DRUGS THER	USA	0	0.000	1	0.031
CARDIOVASC INTERVENT RADIOL	USA	1	0.028	2	0.062
CARDIOVASC SURG	ENGLAND	0	0.000	2	0.062
CATHET CARDIOVASC DIAGN	USA	0	0.000	6	0.185
CELL BIOL INT	ENGLAND	0	0.000	3	0.093
CELL BIOPHYS	USA	0	0.000	2	0.062
CELL IMMUNOL	USA	0	0.000	1	0.031
CELL MOL BIOL	USA	1	0.028	0	0.000
CELL SIGNAL	ENGLAND	1	0.028	1	0.031
CEYLON MED J	SRI LANKA	0	0.000	1	0.031
CHEM BIOL INTERACT	NETHERLANDS	2	0.055	0	0.000
CHEMOTHERAPY	SWITZERLAND	0	0.000	3	0.093
CHEM PHARM BULL TOKYO	JAPAN	0	0.000	1	0.031
CHEM RES TOXICOL	USA	0	0.000	1	0.031
CHEST	USA	4	0.111	2	0.062
CHILD NEPHROL UROL	SWITZERLAND	1	0.028	0	0.000
CHILDS NERV SYST	GERMANY	5	0.139	4	0.123
CHROMOSOMA	GERMANY	2	0.055	1	0.031
CHRONBIOL INT	ENGLAND	2	0.055	0	0.000
CHUNG KUO YAO LI HSUEH PAO	CHINA	2	0.055	0	0.000
CLIN BIOCHEM	USA	1	0.028	2	0.062
CLIN CARDIOL	USA	1	0.028	1	0.031
CLIN CHIM ACTA	NETHERLANDS	2	0.055	1	0.031
CLIN DERMATOL	USA	2	0.055	0	0.000
CLIN ENDOCRINOL OXF	ENGLAND	1	0.028	0	0.000
CLIN EXP ALLERGY	ENGLAND	2	0.055	0	0.000
CLIN EXP DERMATOL	ENGLAND	2	0.055	1	0.031
CLIN EXP IMMUNOL	ENGLAND	1	0.028	2	0.062
CLIN EXP PHARMACOL PHYSIOL	ENGLAND	2	0.055	1	0.031
CLIN GENET	DENMARK	1	0.028	1	0.031

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
CLIN IMAGING	USA	0	0.000	1	0.031
CLIN IMMUNOL IMMUNOPATHOL	USA	2	0.055	0	0.000
CLIN LAB HAEMATOL	ENGLAND	0	0.000	1	0.031
CLIN NEUROL NEUROSURG	NETHERLANDS	5	0.139	1	0.031
CLIN NUCL MED	USA	2	0.055	3	0.093
CLIN ONCOL R COLL RADIOL	ENGLAND	2	0.055	1	0.031
CLIN OTOLARYNGOL	ENGLAND	0	0.000	1	0.031
CLIN PEDIATR PHILA	USA	5	0.139	1	0.031
CLIN PHYSIOL BIOCHEM	SWITZERLAND	1	0.028	0	0.000
CLIN RADIOL	ENGLAND	6	0.166	3	0.093
CLIN SCI COLCH	ENGLAND	0	0.000	1	0.031
CLIN THER	USA	1	0.028	0	0.000
CLIN TRANSPLANT	DENMARK	0	0.000	1	0.031
COMMUNITY DENT ORAL EPIDEMIOLOG	DENMARK	1	0.028	2	0.062
COMP IMMUNOL MICROBIOL INFECT DIS	ENGLAND	1	0.028	0	0.000
COMPR PSYCHIATRY	USA	1	0.028	0	0.000
COMPUT MED IMAGING GRAPH	USA	1	0.028	1	0.031
COMPUT METHODS PROGRAMS BIOMED	NETHERLANDS	2	0.055	0	0.000
CONTACT DERMATITIS	DENMARK	7	0.194	3	0.093
CONTRACEPTION	USA	16	0.444	6	0.185
CONVULS THER	USA	0	0.000	4	0.123
CORNEA	USA	0	0.000	3	0.093
CRISIS	CANADA	1	0.028	1	0.031
CRIT CARE MED	USA	1	0.028	0	0.000
CRIT REV CLIN LAB SCI	USA	0	0.000	1	0.031
CRIT REV FOOD SCI NUTR	USA	2	0.055	0	0.000
CRIT REV MICROBIOL	USA	0	0.000	1	0.031
CURR BIOL	ENGLAND	0	0.000	1	0.031
CURR GENET	USA	0	0.000	2	0.062
CURR MICROBIOL	USA	0	0.000	1	0.031
CUTIS	USA	1	0.028	2	0.062
CYTOBIOS	ENGLAND	1	0.028	7	0.216
CYTOGENET CELL GENET	SWITZERLAND	0	0.000	1	0.031
CYTOPATHOLOGY	ENGLAND	0	0.000	1	0.031
DEMOGRAPHY	USA	1	0.028	0	0.000
DERMATOL CLIN	USA	0	0.000	3	0.093
DERMATOLOGICA	SWITZERLAND	1	0.028	0	0.000
DERMATOLOGY	SWITZERLAND	0	0.000	1	0.031
DEV NEUROSCI	SWITZERLAND	0	0.000	1	0.031
DEV PHARMACOL THER	SWITZERLAND	1	0.028	0	0.000
DIABETES CARE	USA	1	0.028	2	0.062
DIABETES RES	SCOTLAND	0	0.000	1	0.031
DIABETES RES CLIN PRACT	NETHERLANDS	3	0.083	7	0.216
DIABET MED	ENGLAND	2	0.055	1	0.031
DIABETOLOGIA	GERMANY	1	0.028	0	0.000
DIAGN CYTOPATHOL	USA	7	0.194	4	0.123
DIAGN MICROBIOL INFECT DIS	USA	0	0.000	1	0.031
DIG DIS	SWITZERLAND	1	0.028	0	0.000
DIG DIS SCI	USA	0	0.000	1	0.031
DIGESTION	SWITZERLAND	1	0.028	0	0.000
DIS COLON RECTUM	USA	1	0.028	0	0.000
DOC OPHTHALMOL	NETHERLANDS	0	0.000	1	0.031
DRUG CHEM TOXICOL	USA	1	0.028	1	0.031
DRUG DES DELIV	SWITZERLAND	4	0.111	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
DRUG DES DISCOV	SWITZERLAND	0	0.000	1	0.031
EAR NOSE THROAT J	USA	5	0.139	3	0.093
EAST AFR MED J	KENYA	1	0.028	0	0.000
ECOTOXICOL ENVIRON SAF	USA	0	0.000	5	0.154
ECOTOXICOL ENVIRON SAFETY	USA	10	0.277	0	0.000
ELECTROMYOGR CLIN NEUROPHYSIOL	BELGIUM	0	0.000	4	0.123
ELECTROPHORESIS	GERMANY	1	0.028	1	0.031
ENDOCRINOL JPN	JAPAN	2	0.055	0	0.000
ENDOCR J	ENGLAND	0	0.000	1	0.031
ENDOCR RES	USA	2	0.055	1	0.031
ENDOD DENT TRAUMATOL	DENMARK	0	0.000	2	0.062
ENDOSCOPY	GERMANY	1	0.028	1	0.031
ENVIRON HEALTH PERSPECT	USA	1	0.028	2	0.062
ENVIRON MOL MUTAGEN	USA	1	0.028	1	0.031
ENVIRON RES	USA	0	0.000	1	0.031
ENZYME MICROB TECHNOL	ENGLAND	2	0.055	1	0.031
EPIDEMIOL INFECT	ENGLAND	1	0.028	2	0.062
EPILEPSIA	USA	1	0.028	2	0.062
EPITHELIAL CELL BIOL	ENGLAND	0	0.000	3	0.093
ERGONOMICS	ENGLAND	0	0.000	3	0.093
EUR ARCH OTORHINOLARYNGOL	GERMANY	1	0.028	0	0.000
EUR J ANAESTHESIOL	ENGLAND	0	0.000	1	0.031
EUR J APPL PHYSIOL	GERMANY	2	0.055	0	0.000
EUR J BIOCHEM	GERMANY	3	0.083	5	0.154
EUR J CANCER	ENGLAND	0	0.000	1	0.031
EUR J CANCER B ORAL ONCOL	ENGLAND	0	0.000	3	0.093
EUR J CLIN INVEST	ENGLAND	0	0.000	1	0.031
EUR J CLIN NUTR	ENGLAND	5	0.139	4	0.123
EUR J CLIN PHARMACOL	GERMANY	2	0.055	0	0.000
EUR J DRUG METAB PHARMACOKINET	SWITZERLAND	0	0.000	1	0.031
EUR J ENDOCRINOL	NORWAY	0	0.000	1	0.031
EUR J EPIDEMIOL	NETHERLANDS	1	0.028	2	0.062
EUR J GYNAECOL ONCOL	ITALY	2	0.055	0	0.000
EUR J IMMUNOL	GERMANY	0	0.000	2	0.062
EUR J NUCL MED	GERMANY	2	0.055	1	0.031
EUR J OBSTET GYNECOL REPROD BIOL	IRELAND	0	0.000	3	0.093
EUR J PEDIATR	GERMANY	0	0.000	1	0.031
EUR J PHARMACOL	NETHERLANDS	1	0.028	5	0.154
EUR J RADIOL	NETHERLANDS	1	0.028	0	0.000
EUR J SURG	NORWAY	0	0.000	1	0.031
EUR J SURG ONCOL	ENGLAND	0	0.000	4	0.123
EUR RESPIR J	DENMARK	0	0.000	1	0.031
EUR SPINE J	GERMANY	0	0.000	1	0.031
EUR UROL	SWITZERLAND	0	0.000	2	0.062
EXP CELL RES	USA	0	0.000	2	0.062
EXP CLIN ENDOCRINOL	GERMANY	2	0.055	0	0.000
EXP DERMATOL	DENMARK	0	0.000	1	0.031
EXPERIENTIA	SWITZERLAND	4	0.111	6	0.185
EXP GERONTOL	ENGLAND	0	0.000	1	0.031
EXP MOL PATHOL	USA	4	0.111	1	0.031
EXP PATHOL	GERMANY	4	0.111	0	0.000
EYE	ENGLAND	0	0.000	1	0.031
FEBS LETT	NETHERLANDS	5	0.139	12	0.370
FEMS IMMUNOL MED MICROBIOL	NETHERLANDS	0	0.000	6	0.185

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
FEMS MICROBIOL IMMUNOL	NETHERLANDS	3	0.083	0	0.000
FEMS MICROBIOL LETT	NETHERLANDS	9	0.250	8	0.247
FOLIA BIOL KRAKOW	POLAND	0	0.000	1	0.031
FOLIA MICROBIOL PRAHA	CZECH REPUBLIC	2	0.000	3	0.093
FOLIA MORPHOL PRAHA	CZECH REPUBLIC	15	0.416	0	0.000
FOLIA PARASITOL PRAHA	CZECH REPUBLIC	5	0.139	0	0.000
FOOD ADDIT CONTAM	ENGLAND	3	0.083	1	0.031
FOOD CHEM TOXICOL	ENGLAND	2	0.055	8	0.247
FORENSIC SCI INT	SWITZERLAND	5	0.139	0	0.000
FORTSCHR CHEM ORG NATURST	AUSTRIA	0	0.000	1	0.031
FREE RADIC BIOL MED	USA	2	0.055	2	0.062
FUNCT DEV MORPHOL	CZECH REPUBLIC	0	0.000	2	0.062
FUNCT NEUROL	ITALY	1	0.028	0	0.000
FUNDAM APPL TOXICOL	USA	0	0.000	1	0.031
GASTROENTEROL JPN	JAPAN	6	0.166	0	0.000
GASTROINTEST ENDOSC	USA	3	0.083	3	0.093
GASTROINTEST RADIOL	USA	2	0.055	0	0.000
GEGENBAURS MORPHOL JAHRB	GERMANY	4	0.111	0	0.000
GEN COMP ENDOCRINOL	USA	8	0.222	3	0.093
GENE	NETHERLANDS	2	0.055	4	0.123
GENE GEOGR	ITALY	1	0.028	0	0.000
GENETICA	NETHERLANDS	4	0.111	0	0.000
GEN HOSP PSYCHIATRY	USA	2	0.055	0	0.000
GENITOURIN MED	ENGLAND	1	0.028	0	0.000
GENOME	CANADA	2	0.055	2	0.062
GEOGR MED	HUNGARY	4	0.111	0	0.000
GER J OPHTHALMOL	GERMANY	0	0.000	1	0.031
GERONTOLOGY	SWITZERLAND	3	0.083	6	0.185
GLYCOCONJ J	ENGLAND	0	0.000	1	0.031
GUT	ENGLAND	6	0.166	2	0.062
GYNECOL OBSTET INVEST	SWITZERLAND	1	0.028	1	0.031
GYNECOL ONCOL	USA	2	0.055	2	0.062
HEAD NECK	USA	2	0.055	0	0.000
HEALTH PHYS	USA	3	0.083	2	0.062
HEART LUNG	USA	0	0.000	1	0.031
HEART VESSELS SUPPL	JAPAN	1	0.028	0	0.000
HEMATOL ONCOL	ENGLAND	1	0.028	0	0.000
HEMATOL PATHOL	USA	1	0.028	0	0.000
HEPATO GASTROENTEROLOGY	GERMANY	1	0.028	0	0.000
HEPATOLOGY	USA	1	0.028	0	0.000
HEREDITAS	SWEDEN	2	0.055	1	0.031
HEREDITY	ENGLAND	0	0.000	2	0.062
HINDUSTAN ANTIBIOT BULL	INDIA	9	0.250	4	0.123
HISTOPATHOLOGY	ENGLAND	0	0.000	2	0.062
HORM METAB RES	GERMANY	2	0.055	2	0.062
HORM RES	SWITZERLAND	1	0.028	0	0.000
HPB SURG	SWITZERLAND	0	0.000	1	0.031
HUM BIOL	USA	0	0.000	1	0.031
HUM EXP TOXICOL	ENGLAND	1	0.028	5	0.154
HUM GENET	GERMANY	2	0.055	1	0.031
HUM HERED	SWITZERLAND	3	0.083	2	0.062
HUM IMMUNOL	USA	0	0.000	1	0.031
HUM MUTAT	USA	0	0.000	1	0.031
HUM PATHOL	USA	1	0.028	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
HUM REPROD	ENGLAND	1	0.028	4	0.123
HYBRIDOMA	USA	0	0.000	1	0.031
HYGIE	FRANCE	1	0.028	0	0.000
IEEE TRANS BIOMED ENG	USA	1	0.028	0	0.000
IMA J MATH APPL MED BIOL	ENGLAND	1	0.028	0	0.000
IMMUNOBIOLOGY	GERMANY	0	0.000	1	0.031
IMMUNOL CELL BIOL	AUSTRALIA	2	0.055	4	0.123
IMMUNOL INVEST	USA	1	0.028	1	0.031
IMMUNOL LETT	NETHERLANDS	5	0.139	0	0.000
IMMUNOLOGY	ENGLAND	3	0.083	0	0.000
IMMUNOPHARMACOL IMMUNOTOXICOL	USA	2	0.055	2	0.062
IMMUNOPHARMACOLOGY	NETHERLANDS	0	0.000	1	0.031
IND HEALTH	JAPAN	0	0.000	2	0.062
INDIAN HEART J	INDIA	64	1.775	66	2.036
INDIAN J BIOCHEM BIOPHYS	INDIA	90	2.497	81	2.499
INDIAN J CANCER	INDIA	36	0.999	37	1.142
INDIAN J CHEST DIS ALLIED SCI	INDIA	41	1.137	29	0.895
INDIAN J DERMATOL	INDIA	9	0.250	0	0.000
INDIAN J EXP BIOL	INDIA	185	5.132	141	4.351
INDIAN J GASTROENTEROL	INDIA	45	1.248	43	1.327
INDIAN J LEPR	INDIA	57	1.581	17	0.525
INDIAN J MALARIOL	INDIA	28	0.777	15	0.463
INDIAN J MED RES	INDIA	187	5.187	119	3.672
INDIAN J MED SCI	INDIA	26	0.721	28	0.864
INDIAN J OPHTHALMOL	INDIA	51	1.415	20	0.617
INDIAN J PATHOL MICROBIOL	INDIA	77	2.136	65	2.006
INDIAN J PEDIATR	INDIA	111	3.079	88	2.715
INDIAN J PHYSIOL PHARMACOL	INDIA	52	1.442	58	1.790
INDIAN J PUBLIC HEALTH	INDIA	33	0.915	20	0.617
INDIAN PEDIATR	INDIA	188	5.215	177	5.461
INFECT IMMUN	USA	2	0.055	5	0.154
INFECT	GERMANY	0	0.000	1	0.031
INJURY	ENGLAND	3	0.083	1	0.031
INT ANGIOL	ITALY	1	0.028	1	0.031
INT ARCH ALLERGY APPL IMMUNOL	SWITZERLAND	3	0.083	0	0.000
INT ARCH ALLERGY IMMUNOL	SWITZERLAND	0	0.000	2	0.062
INT ARCH OCCUP ENVIRON HEALTH	GERMANY	0	0.000	1	0.031
INT DENT J	ENGLAND	0	0.000	1	0.031
INT IMMUNOL	ENGLAND	1	0.028	0	0.000
INT J ANDROL	ENGLAND	3	0.083	2	0.062
INT J ARTIF ORGANS	ITALY	1	0.028	0	0.000
INT J BIOCHEM	ENGLAND	0	0.000	1	0.031
INT J BIOL MACROMOL	ENGLAND	2	0.055	1	0.031
INT J BIOMED COMPUT	IRELAND	0	0.000	2	0.062
INT J BIOMETEOROL	NETHERLANDS	3	0.083	1	0.031
INT J CANCER	USA	2	0.055	4	0.123
INT J CARD IMAGING	USA	1	0.028	0	0.000
INT J CARDIOL	IRELAND	23	0.638	26	0.802
INT J CLIN PHARMACOL THER	GERMANY	0	0.000	2	0.062
INT J CLIN PHARMACOL THER TOXICOL	GERMANY	4	0.111	0	0.000
INT J DERMATOL	USA	23	0.638	14	0.432
INT J DEV BIOL	SPAIN	0	0.000	2	0.062
INT J EPIDEMIOLOG	ENGLAND	4	0.111	0	0.000
INT J EXP PATHOL	ENGLAND	2	0.055	1	0.031

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
INT J FERTIL	USA	4	0.111	0	0.000
INT J FERTIL MENOPAUSAL STUD	USA	0	0.000	3	0.093
INT J FOOD MICROBIOL	NETHERLANDS	2	0.055	1	0.031
INT J GYNAECOL OBSTET	IRELAND	14	0.388	7	0.216
INT J HEALTH SERV	USA	1	0.028	1	0.031
INT J HYPERTHERMIA	ENGLAND	2	0.055	0	0.000
INT J IMMUNOPHARMACOL	ENGLAND	3	0.083	0	0.000
INT J LEPR OTHER MYCOBACT DIS	USA	17	0.472	11	0.339
INT J MED MICROBIOL	GERMANY	2	0.055	0	0.000
INT J MED MICROBIOL VIROL PARASITOL	GERMANY	0	0.000	3	0.093
INT J NEUROSCI	ENGLAND	2	0.055	3	0.093
INT J ORAL MAXILLOFAC SURG	DENMARK	3	0.083	3	0.093
INT J PANCREATOL	USA	1	0.028	1	0.031
INT J PARASITOL	ENGLAND	8	0.222	2	0.062
INT J PEDIATR OTORHINOLARYNGOL	NETHERLANDS	2	0.055	0	0.000
INT J PEPT PROTEIN RES	DENMARK	6	0.166	3	0.093
INT J RAD APPL INSTRUM A	USA	2	0.055	0	0.000
INT J RAD APPL INSTRUM B	USA	1	0.028	0	0.000
INT J RADIAT BIOL	ENGLAND	3	0.083	1	0.031
INT J RADIAT ONCOL BIOL PHYS	USA	0	0.000	3	0.093
INT J REHABIL RES	ENGLAND	2	0.055	0	0.000
INT J SOC PSYCHIATRY	ENGLAND	1	0.028	0	0.000
INT J STD AIDS	ENGLAND	2	0.055	5	0.154
INT J VITAM NUTR RES	SWITZERLAND	1	0.028	0	0.000
INT OPHTHALMOL	NETHERLANDS	0	0.000	3	0.093
INT ORTHOP	GERMANY	3	0.083	4	0.123
INT SURG	ITALY	2	0.055	2	0.062
INT UROL NEPHROL	HUNGARY	3	0.083	4	0.123
IN VIVO	GREECE	0	0.000	1	0.031
ITAL J BIOCHEM	ITALY	1	0.028	0	0.000
J ACOUST SOC AM	USA	1	0.028	0	0.000
J ACQUIR IMMUNE DEFIC SYNDR	USA	2	0.055	1	0.031
J AFFECT DISORD	NETHERLANDS	0	0.000	1	0.031
J AM ACAD DERMATOL	USA	0	0.000	1	0.031
J AM COLL CARDIOL	USA	1	0.028	1	0.031
J AM COLL NUTR	USA	1	0.028	1	0.031
J AM COLL SURG	USA	0	0.000	1	0.031
J AM MOSQ CONTROL ASSOC	USA	3	0.083	2	0.062
J AM PODIATR MED ASSOC	USA	0	0.000	1	0.031
J ANAT	ENGLAND	3	0.083	2	0.062
J ANTIBIOT TOKYO	JAPAN	0	0.000	2	0.062
J ANTIMICROB CHEMOTHER	ENGLAND	0	0.000	1	0.031
J AOAC INT	USA	0	0.000	1	0.031
J APPL BACTERIOL	ENGLAND	3	0.083	3	0.093
J APPL PHYSIOL	USA	0	0.000	1	0.031
J APPL TOXICOL	USA	4	0.111	2	0.062
J ASSOC OFF ANAL CHEM	USA	2	0.055	0	0.000
J ASSOC PHYSICIANS INDIA	INDIA	206	5.714	208	6.418
J ASTHMA	USA	2	0.055	2	0.062
J BACTERIOL	USA	1	0.028	6	0.185
J BASIC MICROBIOL	GERMANY	1	0.028	1	0.031
J BIOCHEM BIOPHYS METHODS	NETHERLANDS	2	0.055	2	0.062
J BIOCHEM TOXICOL	USA	2	0.055	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
J BIOENERG BIOMEMBR	USA	1	0.028	0	0.000
J BIOL CHEM	USA	3	0.083	14	0.432
J BIOLUMIN CHEMILUMIN	ENGLAND	0	0.000	1	0.031
J BIOMATER APPL	USA	2	0.055	1	0.031
J BIOMATER SCI POLYM ED	NETHERLANDS	1	0.028	2	0.062
J BIOMECH	USA	2	0.055	1	0.031
J BIOMED MATER RES	USA	3	0.083	0	0.000
J BIOMOL STRUCT DYN	USA	1	0.028	1	0.031
J BIOTECHNOL	NETHERLANDS	0	0.000	2	0.062
J BONE JOINT SURG AM	USA	1	0.028	1	0.031
J BONE JOINT SURG BR	ENGLAND	3	0.083	3	0.093
J CANCER EDUC	USA	0	0.000	1	0.031
J CANCER RES CLIN ONCOL	GERMANY	2	0.055	2	0.062
J CARDIOTHORAC VASC ANESTH	USA	0	0.000	1	0.031
J CARDIOVASC RISK	ENGLAND	0	0.000	1	0.031
J CARDIOVASC SURG TORINO	ITALY	1	0.028	1	0.031
J CARD SURG	USA	0	0.000	2	0.062
J CATARACT REFRACT SURG	USA	0	0.000	4	0.123
J CELL PHYSIOL	USA	0	0.000	1	0.031
J CHEM INF COMPUT SCI	USA	0	0.000	2	0.062
J CHEM TECHNOL BIOTECHNOL	ENGLAND	2	0.055	1	0.031
J CHROMATOGR	NETHERLANDS	3	0.083	0	0.000
J CHROMATOGR B BIOMED APPL	NETHERLANDS	0	0.000	3	0.093
J CLIN ENDOCRINOL METAB	USA	0	0.000	1	0.031
J CLIN EPIDEMIOL	ENGLAND	0	0.000	1	0.031
J CLIN GASTROENTEROL	USA	6	0.166	3	0.093
J CLIN IMMUNOL	USA	0	0.000	1	0.031
J CLIN LAB ANAL	USA	0	0.000	1	0.031
J CLIN LAB IMMUNOL	SCOTLAND	1	0.028	0	0.000
J CLIN MICROBIOL	USA	2	0.055	2	0.062
J CLIN NEUROOPHTHALMOL	USA	1	0.028	0	0.000
J CLIN ONCOL	USA	0	0.000	1	0.031
J CLIN ORTHOD	USA	1	0.028	0	0.000
J CLIN PATHOL	ENGLAND	1	0.028	0	0.000
J CLIN PEDIATR DENT	USA	0	0.000	3	0.093
J CLIN ULTRASOUND	USA	2	0.055	0	0.000
J COMMUN DIS	INDIA	50	1.387	35	1.080
J COMP PATHOL	ENGLAND	2	0.055	0	0.000
J COMP PHYSIOL B	GERMANY	1	0.028	0	0.000
J COMPUT ASSIST TOMOGR	USA	3	0.083	0	0.000
J DERMATOL	JAPAN	4	0.111	11	0.339
J DERMATOL SURG ONCOL	USA	0	0.000	1	0.031
J DIABET COMPLICATIONS	USA	1	0.028	0	0.000
J DIARRHOEAL DIS RES	BANGLADESH	4	0.111	4	0.123
J DRUG TARGET	SWITZERLAND	0	0.000	1	0.031
J ENDOCRINOL	ENGLAND	2	0.055	2	0.062
J ENDOD	USA	1	0.028	1	0.031
J ENDOUROL	USA	0	0.000	2	0.062
J ENVIRON PATHOL TOXICOL ONCOL	USA	1	0.028	4	0.123
J ENVIRON SCI HEALTH B	USA	4	0.111	0	0.000
J ENZYM INHIB	SWITZERLAND	1	0.028	0	0.000
J EPIDEMIOL COMMUNITY HEALTH	ENGLAND	1	0.028	0	0.000
J ETHNOPHARMACOL	IRELAND	24	0.666	13	0.401
J EXP PATHOL	USA	1	0.028	0	0.000

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		NO	%	NO	%
J EXP PATHOL OXFORD	ENGLAND	2	0.055	0	0.000
J GASTROENTEROL HEPATOL	AUSTRALIA	13	0.361	6	0.185
J GENET PSYCHOL	USA	0	0.000	1	0.031
J GEN MICROBIOL	ENGLAND	4	0.111	0	0.000
J GEN VIROL	ENGLAND	0	0.000	1	0.031
J HAND SURG AM	USA	0	0.000	1	0.031
J HAND SURG BR	SCOTLAND	3	0.083	1	0.031
J HEART VALVE DIS	ENGLAND	0	0.000	4	0.123
J HELMINTHOL	ENGLAND	3	0.083	2	0.062
J HERED	USA	2	0.055	0	0.000
J HIRNFORSCH	GERMANY	2	0.055	0	0.000
J HOSP INFECT	ENGLAND	2	0.055	0	0.000
J HUM ERGOL TOKYO	JAPAN	0	0.000	2	0.062
J HUM HYPERTENS	ENGLAND	0	0.000	2	0.062
J HYG EPIDEMIOL MICROBIOL IMMUNOL	CZECH REPUBLIC	2	0.055	0	0.000
J IMMUNOASSAY	USA	2	0.055	2	0.062
J IMMUNOL	USA	0	0.000	1	0.031
J IMMUNOL METHODS	NETHERLANDS	1	0.028	2	0.062
J INDIAN DENT ASSOC	INDIA	4	0.111	0	0.000
J INDIAN MED ASSOC	INDIA	105	2.913	102	3.147
J INFECT	ENGLAND	1	0.028	2	0.062
J INFECT DIS	USA	1	0.028	1	0.031
J INHERIT METAB DIS	NETHERLANDS	0	0.000	1	0.031
J INORG BIOCHEM	USA	5	0.139	2	0.062
J INVERTEBR PATHOL	USA	2	0.055	2	0.062
J IN VITRO FERT EMBRYO TRANSF	USA	1	0.028	0	0.000
J LARYNGOL OTOL	ENGLAND	7	0.194	10	0.309
J LEARN DISABIL	USA	1	0.028	0	0.000
J LIPID MEDIAT	NETHERLANDS	1	0.028	0	0.000
J MATH BIOL	GERMANY	1	0.028	0	0.000
J MED CHEM	USA	4	0.111	1	0.031
J MED ENTOMOL	USA	1	0.028	1	0.031
J MED GENET	ENGLAND	2	0.055	2	0.062
J MED MICROBIOL	ENGLAND	6	0.166	2	0.062
J MED PRIMATOL	DENMARK	2	0.055	0	0.000
J MED SYST	USA	1	0.028	0	0.000
J MED VET MYCOL	ENGLAND	4	0.111	2	0.062
J MED VIROL	USA	1	0.028	4	0.123
J MEMBR BIOL	USA	1	0.028	0	0.000
J MICROENCAPSUL	ENGLAND	6	0.166	10	0.309
J MOL BIOL	ENGLAND	1	0.028	7	0.216
J MOL CELL CARDIOL	ENGLAND	1	0.028	0	0.000
J MOL GRAPH	USA	0	0.000	1	0.031
J NAT PROD	USA	3	0.083	1	0.031
J NEURAL TRANSM GEN SECT	AUSTRIA	1	0.028	0	0.000
J NEUROGENET	ENGLAND	1	0.028	0	0.000
J NEUROL NEUROSURG PSYCHIATRY	ENGLAND	1	0.028	2	0.062
J NEUROL SCI	NETHERLANDS	1	0.028	3	0.093
J NEUROONCOL	NETHERLANDS	0	0.000	1	0.031
J NEUROSURG	USA	0	0.000	4	0.123
J NEUROSURG ANESTHESIOL	USA	0	0.000	2	0.062
J NUCL BIOL MED	ITALY	0	0.000	1	0.031
J NUCL MED	USA	2	0.055	1	0.031
J NURSE MIDWIFERY	USA	0	0.000	1	0.031

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		NO	%	NO	%
J NUTR SCI VITAMINOL TOKYO	JAPAN	3	0.083	0	0.000
J ORAL PATHOL MED	DENMARK	2	0.055	1	0.031
J ORTHOP TRAUMA	USA	2	0.055	0	0.000
J OTOLARYNGOL	CANADA	1	0.028	0	0.000
J PAEDIATR CHILD HEALTH	AUSTRALIA	1	0.028	1	0.031
J PARASITOL	USA	3	0.083	1	0.031
J PARENTER SCI TECHNOL	USA	1	0.028	0	0.000
J PATHOL	ENGLAND	1	0.028	0	0.000
J PEDIATR GASTROENTEROL NUTR	USA	3	0.083	0	0.000
J PEDIATR OPHTHALMOL STRABISMUS	USA	2	0.055	2	0.062
J PEDIATR SURG	USA	2	0.055	7	0.216
J PEDOD	USA	1	0.028	0	0.000
J PERIODONTOL	USA	1	0.028	0	0.000
J PHARMACOL TOXICOL METHODS	USA	0	0.000	1	0.031
J PHARM BIOMED ANAL	ENGLAND	0	0.000	5	0.154
J PHARM PHARMACOL	ENGLAND	0	0.000	4	0.123
J PHARM SCI	USA	2	0.055	4	0.123
J PHOTOCHEM PHOTOBIOLOG B	SWITZERLAND	0	0.000	1	0.031
J PHYSIOL PHARMACOL	POLAND	0	0.000	1	0.031
J PIERRE FAUCHARD ACAD	INDIA	6	0.166	0	0.000
J PINEAL RES	DENMARK	1	0.028	1	0.031
JPMA J PAK MED ASSOC	PAKISTAN	1	0.028	0	0.000
JPN HEART J	JAPAN	3	0.083	1	0.031
JPN J CANCER RES	JAPAN	1	0.028	0	0.000
JPN J EXP MED	JAPAN	5	0.139	0	0.000
JPN J MED SCI BIOL	JAPAN	2	0.055	1	0.031
JPN J OPHTHALMOL	JAPAN	0	0.000	1	0.031
JPN J PHYSIOL	JAPAN	2	0.055	1	0.031
JPN J SURG	JAPAN	4	0.111	0	0.000
J POSTGRAD MED	INDIA	59	1.637	0	0.000
J PROSTHET DENT	USA	1	0.028	0	0.000
J PROTEIN CHEM	USA	2	0.055	0	0.000
J PROTOZOOL	USA	2	0.055	0	0.000
J PSYCHIATR RES	ENGLAND	1	0.028	0	0.000
J PSYCHOSOM OBSTET GYNAECOL	ENGLAND	0	0.000	1	0.031
J RADIAT RES TOKYO	JAPAN	2	0.055	0	0.000
J R COLL SURG EDINB	ENGLAND	0	0.000	1	0.031
J REHABIL RES DEV	USA	1	0.028	0	0.000
J REPROD FERTIL	ENGLAND	2	0.055	2	0.062
J REPROD IMMUNOL	IRELAND	0	0.000	1	0.031
J REPROD MED	USA	1	0.028	3	0.093
J R SOC HEALTH	ENGLAND	3	0.083	0	0.000
J R SOC MED	ENGLAND	0	0.000	1	0.031
J SOC OCCUP MED	ENGLAND	3	0.083	0	0.000
J SOC PSYCHOL	USA	2	0.055	3	0.093
J SPORTS MED PHYS FITNESS	ITALY	1	0.028	1	0.031
J STEROID BIOCHEM	ENGLAND	1	0.028	0	0.000
J STEROID BIOCHEM MOL BIOL	ENGLAND	1	0.028	3	0.093
J STUD ALCOHOL	USA	0	0.000	1	0.031
J SURG ONCOL	USA	11	0.305	22	0.679
J THEOR BIOL	ENGLAND	3	0.083	2	0.062
J THORAC CARDIOVASC SURG	USA	2	0.055	0	0.000
J TOXICOL ENVIRON HEALTH	USA	0	0.000	1	0.031
J TRAUMA	USA	1	0.028	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
J TROP MED HYG	ENGLAND	6	0.166	5	0.154
J TROP PEDIATR	ENGLAND	10	0.277	10	0.309
J ULTRASOUND MED	USA	1	0.028	0	0.000
J UROL	USA	4	0.111	12	0.370
J VASC INTERV RADIOL	USA	0	0.000	1	0.031
J VET PHARMACOL THER	ENGLAND	2	0.055	2	0.062
J VIROL	USA	1	0.028	1	0.031
J VIROL METHODS	NETHERLANDS	0	0.000	1	0.031
LAB ANIM	ENGLAND	1	0.028	0	0.000
LANCET	ENGLAND	4	0.111	6	0.185
LARYNGOSCOPE	USA	1	0.028	1	0.031
LASERS SURG MED	USA	0	0.000	1	0.031
LEPR REV	ENGLAND	8	0.222	4	0.123
LETT APPL MICROBIOL	ENGLAND	1	0.028	1	0.031
LEUK LYMPHOMA	SWITZERLAND	0	0.000	2	0.062
LEUK RES	ENGLAND	3	0.083	4	0.123
LIFE SCI	ENGLAND	6	0.166	5	0.154
LIPIDS	USA	0	0.000	1	0.031
LIVER	DENMARK	0	0.000	1	0.031
LUNG	USA	0	0.000	1	0.031
LUPUS	ENGLAND	0	0.000	2	0.062
LYMPHOLOGY	USA	1	0.028	1	0.031
MAGNES RES	ENGLAND	0	0.000	1	0.031
MAGNES TRACE ELEM	SWITZERLAND	4	0.111	0	0.000
MATER MED POL	POLAND	1	0.028	0	0.000
MATH BIOSCI	USA	1	0.028	2	0.062
MECH AGEING DEV	SWITZERLAND	2	0.055	2	0.062
MED ANTHROPOL	USA	0	0.000	1	0.031
MED BIOL ENG COMPUT	ENGLAND	1	0.028	1	0.031
MED DOSIM	USA	0	0.000	1	0.031
MED ENG PHYS	ENGLAND	0	0.000	1	0.031
MED HYPOTHESES	ENGLAND	0	0.000	3	0.093
MEDICINE BALTIMORE	USA	0	0.000	1	0.031
MED LAB SCI	ENGLAND	1	0.028	0	0.000
MED MICROBIOL IMMUNOL BERL	GERMANY	2	0.055	0	0.000
MED ONCOL TUMOR PHARMACOTHER	ENGLAND	1	0.028	0	0.000
MED PEDIATR ONCOL	USA	0	0.000	1	0.031
MED PROG TECHNOL	USA	0	0.000	1	0.031
MED SCI LAW	ENGLAND	2	0.055	3	0.093
MED VET ENTOMOL	ENGLAND	0	0.000	2	0.062
MELANOMA RES	ENGLAND	0	0.000	1	0.031
MEMBR BIOCHEM	USA	1	0.028	0	0.000
MEM INST OSWALDO CRUZ	BRAZIL	0	0.000	1	0.031
METABOLISM	USA	0	0.000	1	0.031
METHODS ENZYMOL	USA	0	0.000	1	0.031
METHODS FIND EXP CLIN PHARMACOL	SPAIN	8	0.222	3	0.093
MICROBIOL IMMUNOL	JAPAN	1	0.028	4	0.123
MICROBIOLOGY	ENGLAND	0	0.000	4	0.123
MICROBIOS	ENGLAND	2	0.055	3	0.093
MICROB PATHOG	ENGLAND	1	0.028	1	0.031
MICROSURGERY	USA	0	0.000	1	0.031
MICROVASC RES	USA	1	0.028	0	0.000
MIDDLE EAST J ANESTHESIOLOG	LEBANON	0	0.000	1	0.031
MOL BIOCHEM PARASITOL	NETHERLANDS	0	0.000	1	0.031

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
MOL BIOL REP	NETHERLANDS	3	0.083	3	0.093
MOL CELL BIOCHEM	NETHERLANDS	7	0.194	20	0.617
MOL CELL BIOL	USA	2	0.055	0	0.000
MOL CHEM NEUROPATHOL	USA	2	0.055	1	0.031
MOL GEN GENET	GERMANY	1	0.028	1	0.031
MOL REPROD DEV	USA	1	0.028	2	0.062
MORPHOL EMBRYOL BUCUR	ROMANIA	1	0.028	0	0.000
MOV DISORD	USA	0	0.000	1	0.031
MUTAGENESIS	ENGLAND	4	0.111	3	0.093
MUTAT RES	NETHERLANDS	18	0.499	20	0.617
MYCOPATHOLOGIA	NETHERLANDS	7	0.194	6	0.185
MYCOSES	GERMANY	5	0.139	2	0.062
NAHRUNG	GERMANY	1	0.028	2	0.062
NATL MED J INDIA	INDIA	0	0.000	55	1.697
NAT PROD REP	ENGLAND	1	0.028	0	0.000
NAUNYN SCHMIEDEBERGS ARCH PHARMACOL	GERMANY	1	0.028	0	0.000
N ENGL J MED	USA	1	0.028	0	0.000
NEOPLASMA	CZECH REP	10	0.277	14	0.432
NEPHROL DIAL TRANSPLANT	ENGLAND	2	0.055	1	0.031
NEPHRON	SWITZERLAND	2	0.055	4	0.123
NETH J MED	NETHERLANDS	1	0.028	0	0.000
NEUROCHEM INT	ENGLAND	0	0.000	2	0.062
NEUROCHEM RES	USA	3	0.083	3	0.093
NEUROENDOCRINOLOGY	SWITZERLAND	0	0.000	3	0.093
NEUROEPIDEMIOLOGY	SWITZERLAND	1	0.028	0	0.000
NEUROLOGIJA	YUGOSLAVIA	1	0.028	0	0.000
NEUROLOGY	USA	2	0.055	2	0.062
NEUROL RES	ENGLAND	0	0.000	1	0.031
NEUROPEPTIDES	SCOTLAND	0	0.000	1	0.031
NEUROPSYCHOBIOLOGY	SWITZERLAND	0	0.000	1	0.031
NEUROPSYCHOPHARMACOLOGY	USA	0	0.000	1	0.031
NEURORADIOLOGY	GERMANY	2	0.055	4	0.123
NEUROREPORT	ENGLAND	0	0.000	2	0.062
NEUROSCIENCE	ENGLAND	1	0.028	0	0.000
NEUROSCI LETT	IRELAND	3	0.083	1	0.031
NEUROSCI RES	IRELAND	0	0.000	1	0.031
NEUROSURGERY	USA	2	0.055	3	0.093
NEUROTOXICOLOGY	USA	0	0.000	1	0.031
NEUROTOXICOL TERATOL	USA	0	0.000	2	0.062
NEW DIR MENT HEALTH SERV	USA	0	0.000	1	0.031
NUCLEIC ACIDS RES	ENGLAND	3	0.083	3	0.093
NUCL MED COMMUN	ENGLAND	0	0.000	1	0.031
NUTR CANCER	USA	3	0.083	2	0.062
NUTRITION	USA	3	0.083	2	0.062
OBSTET GYNECOL	USA	0	0.000	1	0.031
OCCUP ENVIRON MED	ENGLAND	0	0.000	1	0.031
OKAJIMAS FOLIA ANAT JPN	JAPAN	1	0.028	1	0.031
ONCOLOGY	SWITZERLAND	6	0.166	1	0.031
OPHTHALMIC RES	SWITZERLAND	0	0.000	1	0.031
OPHTHALMIC SURG	USA	5	0.139	11	0.339
OPHTHALMOLOGICA	SWITZERLAND	0	0.000	1	0.031
OPHTHALMOLOGY	USA	0	0.000	2	0.062
ORAL SURG ORAL MED ORAL PATHOL	USA	7	0.194	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
ORL J OTORHINOLARYNGOL RELAT SPEC	SWITZERLAND	0	0.000	1	0.031
ORTHOPEDICS	USA	2	0.055	0	0.000
PALLIAT MED	ENGLAND	0	0.000	1	0.031
PANCREAS	USA	1	0.028	1	0.031
PANMINERVA MED	ITALY	1	0.028	0	0.000
PARAPLEGIA	SCOTLAND	1	0.028	4	0.123
PARASITOLOGY	ENGLAND	1	0.028	1	0.031
PARASITOL RES	GERMANY	2	0.055	0	0.000
PARASSITOLOGIA	ITALY	1	0.028	0	0.000
PATHOLOGY	AUSTRALIA	1	0.028	1	0.031
PEDIATR CARDIOL	USA	2	0.055	0	0.000
PEDIATR DERMATOL	USA	1	0.028	2	0.062
PEDIATR HEMATOL ONCOL	USA	1	0.028	1	0.031
PEDIATR INFECT DIS J	USA	1	0.028	2	0.062
PEDIATR NEPHROL	GERMANY	1	0.028	1	0.031
PEDIATR NEUROL	USA	0	0.000	1	0.031
PEDIATR NEUROSURG	SWITZERLAND	1	0.028	0	0.000
PEDIATR RADIOL	GERMANY	0	0.000	5	0.154
PEPTIDES	USA	0	0.000	1	0.031
PHARMACOL BIOCHEM BEHAV	USA	0	0.000	3	0.093
PHARMACOLOGY	SWITZERLAND	2	0.055	0	0.000
PHARMACOL RES	ENGLAND	5	0.139	2	0.062
PHARMACOL TOXICOL	DENMARK	2	0.055	4	0.123
PHARMACOTHERAPY	USA	0	0.000	1	0.031
PHARMAZIE	GERMANY	6	0.166	10	0.309
PHOTOCHEM PHOTOBIO	ENGLAND	2	0.055	2	0.062
PHYSIOL BEHAV	USA	2	0.055	2	0.062
PHYSIOL CHEM PHYS MED NMR	USA	3	0.083	0	0.000
PHYS MED BIOL	ENGLAND	1	0.028	0	0.000
PHYTOCHEMISTRY	USA	2	0.055	3	0.093
PLACENTA	ENGLAND	1	0.028	0	0.000
PLANTA MED	GERMANY	1	0.028	5	0.154
PLANT FOODS HUM NUTR	NETHERLANDS	9	0.250	28	0.864
PLANT MOL BIOL	NETHERLANDS	2	0.055	1	0.031
PLANT PHYSIOL	USA	0	0.000	1	0.031
PLASMID	USA	0	0.000	1	0.031
PLAST RECONSTR SURG	USA	2	0.055	1	0.031
POSTGRAD MED	USA	2	0.055	0	0.000
POSTGRAD MED J	ENGLAND	3	0.083	8	0.247
PREP BIOCHEM	USA	0	0.000	2	0.062
PROC NATL ACAD SCI U S A	USA	2	0.055	2	0.062
PROC R SOC LOND B BIOL SCI	ENGLAND	1	0.028	0	0.000
PROC SOC EXP BIOL MED	USA	1	0.028	0	0.000
PROG BIOPHYS MOL BIOL	ENGLAND	0	0.000	1	0.031
PROG CLIN BIOL RES	USA	5	0.139	0	0.000
PROG DRUG RES	SWITZERLAND	2	0.055	2	0.062
PROG LIPID RES	ENGLAND	1	0.028	0	0.000
PROG NEUROPSYCHOPHARMACOL					
BIOL PSYCHIATRY	ENGLAND	1	0.028	0	0.000
PROSTAGLANDINS LEUKOT ESSENT					
FATTY ACIDS	SCOTLAND	3	0.083	5	0.154
PROSTATE	USA	2	0.055	1	0.031
PROSTHET ORTHOT INT	DENMARK	0	0.000	2	0.062
PROTEIN ENG	ENGLAND	1	0.028	2	0.062

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
PROTEIN EXPR PURIF	USA	0	0.000	2	0.062
PROTEINS	USA	0	0.000	1	0.031
PSYCHOL REP	USA	1	0.028	1	0.031
PSYCHOPHARMACOLOGY BERL	GERMANY	1	0.028	0	0.000
Q J MED	ENGLAND	0	0.000	2	0.062
QUINTESSENCE INT	GERMANY	1	0.055	1	0.031
RADIAT ENVIRON BIOPHYS	GERMANY	1	0.028	2	0.062
RADIAT MED	JAPAN	0	0.000	1	0.031
RADIAT RES	USA	5	0.139	1	0.031
RADIOBIOL RADIOTHER BERL	GERMANY	7	0.194	0	0.000
RADIOISOTOPES	JAPAN	3	0.083	0	0.000
RADIOLOGY	USA	1	0.028	0	0.000
REG ANESTH	USA	0	0.000	1	0.031
REGUL PEPT	NETHERLANDS	1	0.028	0	0.000
REN FAIL	USA	1	0.028	5	0.154
REPROD FERTIL DEV	AUSTRALIA	0	0.000	2	0.062
REPROD TOXICOL	USA	2	0.055	2	0.062
RES COMMUN CHEM PATHOL PHARMACOL	USA	3	0.083	0	0.000
RES EXP MED BERL	GERMANY	1	0.028	2	0.062
RES MICROBIOL	FRANCE	1	0.028	1	0.031
RESPIRATION	SWITZERLAND	1	0.028	2	0.062
RESPIR MED	ENGLAND	1	0.028	0	0.000
RES VET SCI	ENGLAND	3	0.083	1	0.031
RETINA	USA	0	0.000	2	0.062
REV SCI TECH	FRANCE	1	0.028	2	0.062
RHEUMATOL INT	GERMANY	0	0.000	3	0.093
RISK ANAL	USA	0	0.000	1	0.031
S AFR J SURG	SOUTH AFRICA	1	0.028	0	0.000
SANGYO IKA DAIGAKU ZASSHI	JAPAN	0	0.000	2	0.062
SARCOIDOSIS	ITALY	2	0.055	0	0.000
SCAND J CLIN LAB INVEST	NORWAY	0	0.000	1	0.031
SCAND J GASTROENTEROL	NORWAY	0	0.000	2	0.062
SCAND J INFECT DIS	SWEDEN	1	0.028	0	0.000
SCHIZOPHR RES	NETHERLANDS	2	0.055	0	0.000
SCI TOTAL ENVIRON	NETHERLANDS	1	0.028	1	0.031
SEL CANCER THER	USA	2	0.055	0	0.000
SEMIN THROMB HEMOST	USA	0	0.000	1	0.031
SEX TRANSM DIS	USA	0	0.000	1	0.031
SINGAPORE MED J	SINGAPORE	1	0.028	1	0.031
SKELETAL RADIOL	GERMANY	1	0.028	1	0.031
SOC BIOL	USA	0	0.000	4	0.123
SOC SCI MED	ENGLAND	2	0.055	1	0.031
SOUTHEAST ASIAN J TROP MED PUBLIC HEALTH	THAILAND	0	0.000	8	0.247
SOZ PRAVENTIVMED	SWITZERLAND	0	0.000	1	0.031
SPINE	USA	0	0.000	3	0.093
SPRINGER SEMIN IMMUNOPATHOL	GERMANY	1	0.028	0	0.000
STAIN TECHNOL	USA	1	0.028	0	0.000
STERIODS	USA	1	0.028	0	0.000
STRAHLENTHER ONKOL	GERMANY	4	0.111	2	0.062
STROKE	USA	0	0.000	1	0.031
STUD FAM PLANN	USA	1	0.028	2	0.062
SURG ENDOSC	GERMANY	1	0.028	0	0.000
SURGERY	USA	2	0.055	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
SURG GYNECOL OBSTET	USA	1	0.028	0	0.000
SURG NEUROL	USA	0	0.000	7	0.216
SURG RADIOL ANAT	GERMANY	0	0.000	1	0.031
SURG TODAY	JAPAN	0	0.000	3	0.093
TERATOG CARCINOGEN MUTAGEN	USA	0	0.000	1	0.031
THORAC CARDIOVASC SURG	GERMANY	1	0.028	3	0.093
THROMB RES	USA	1	0.028	0	0.000
THYROID	USA	0	0.000	1	0.031
TOXICOL IND HEALTH	USA	1	0.028	0	0.000
TOXICOL LETT	NETHERLANDS	4	0.111	2	0.062
TOXICOLOGY	NETHERLANDS	2	0.055	2	0.062
TOXICON	ENGLAND	4	0.111	6	0.185
TRANSPLANTATION	USA	3	0.083	5	0.154
TRANSPLANT PROC	USA	3	0.083	4	0.123
TRANSPL IMMUNOL	ENGLAND	0	0.000	1	0.031
TRANS R SOC TROP MED HYG	ENGLAND	14	0.388	6	0.185
TROP ANIM HEALTH PROD	SCOTLAND	1	0.028	7	0.216
TROP DOCT	ENGLAND	6	0.166	13	0.401
TROP GASTROENTEROL	INDIA	24	0.666	24	0.741
TROP GEOGR MED	NETHERLANDS	2	0.055	1	0.031
TROP MED PARASITOL	GERMANY	21	0.583	1	0.031
TUBERCLE	SCOTLAND	6	0.166	0	0.000
TUBER LUNG DTS	SCOTLAND	0	0.000	3	0.093
TUMORI	ITALY	2	0.055	2	0.062
TUMOUR BIOL	SWITZERLAND	0	0.000	2	0.062
UROL INT	SWITZERLAND	1	0.028	12	0.370
UROL RES	GERMANY	0	0.000	1	0.031
VACCINE	ENGLAND	5	0.139	6	0.185
VET HUM TOXICOL	USA	5	0.139	3	0.093
VET MICROBIOL	NETHERLANDS	2	0.055	2	0.062
VET PARASITOL	NETHERLANDS	9	0.250	3	0.093
VET REC	ENGLAND	3	0.083	6	0.185
VET RES COMMUN	NETHERLANDS	6	0.166	3	0.093
VISION RES	ENGLAND	1	0.028	0	0.000
VOX SANG	SWITZERLAND	0	0.000	1	0.031
WORLD HEALTH FORUM	SWITZERLAND	2	0.055	3	0.093
WORLD HEALTH STAT Q	SWITZERLAND	1	0.028	0	0.000
WORLD J SURG	USA	1	0.028	0	0.000
XENOBIOTICA	ENGLAND	1	0.028	0	0.000
YEAST	ENGLAND	0	0.000	1	0.031
ZENTRALBL HYG UMWELTMED	GERMANY	1	0.028	1	0.031
ZENTRALBL MIKROBIOL	GERMANY	1	0.028	0	0.000
ZENTRALBI VETERINARMED A	GERMANY	2	0.055	1	0.031
Z GESAMTE HYG	GERMANY	1	0.028	0	0.000
Z MIKROSK ANAT FORSCH	GERMANY	1	0.028	0	0.000
Z NATURFORSCH C	GERMANY	1	0.055	1	0.031
TOTAL		3605	100	3241	100

TABLE - 4 A

INSTITUTE AND CITY -WISE BREAK UP OF PAPERS (1990 & 1994)
INDEX MEDICUS

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Acworth Leprosy Hospital Society for Research	Bombay	2	0.055	2	0.062
Addiction Research Centre	Madras	0	0.000	1	0.031
Agharkar Research Institute	Pune	0	0.000	3	0.093
Agra University	Agra	0	0.000	1	0.031
Agrasen Kanya Postgraduate College	Varanasi	1	0.028	1	0.031
Ahmednagar College	Ahmedabad	1	0.028	0	0.000
Airport Health Organisation	Calcutta	1	0.028	0	0.000
Aligarh Muslim University	Aligarh	8	0.222	17	0.525
Alipurduar College	Alipurduar	1	0.028	0	0.000
All India Institute of Hygiene & Public Health	Calcutta	0	0.000	6	0.185
All India Institute of Medical Sciences	New Delhi	243	6.741	245	7.559
All India Institute of Speech & Hearing	Mysore	1	0.028	0	0.000
Anala Cancer Research Centre	Trichur	4	0.111	3	0.093
American College	Madurai	0	0.000	3	0.093
Anamed Instruments (Pvt.) Ltd.	Bombay	2	0.055	0	0.000
Andhra Medical College	Visakhapatnam	1	0.028	1	0.031
Andhra Pradesh Agricultural University	Hyderabad	0	0.000	5	0.154
Andhra Pradesh Chest Hospital	Hyderabad	0	0.000	1	0.031
Andhra University	Visakhapatnam	7	0.194	10	0.309
Annamalai University	Annamalai	2	0.055	4	0.123
Ansuya Leprosy Hospital & Training Centre	Vadodara	2	0.055	0	0.000
Apollo Hospital	Bombay	0	0.000	1	0.031
Apollo Hospital	Madras	0	0.000	5	0.154
Aravind Children's Hospital	Madurai	1	0.028	0	0.000
Aravind Eye Hospital	Madurai	3	0.083	2	0.031
Armed Forces Medical College	Pune	11	0.305	6	0.185
Army Hospital	New Delhi	4	0.111	1	0.031
Army HQ	New Delhi	1	0.028	0	0.000
Artificial Limb Centre	Pune	0	0.000	1	0.031
Ashwini Rural Cancer Research & Relief Society	Barsi	0	0.000	1	0.031
Assam Agricultural University	Guwahati	1	0.028	1	0.031
Assam Medical College	Dibrugarh	0	0.000	1	0.031
Assembly of God Hospital & Research Centre	Calcutta	1	0.028	1	0.031
Astra Research Centre India	Bangalore	0	0.000	3	0.093
AVSM AMC Centre & School	Lucknow	1	0.028	0	0.000
A.B. Shetty Memorial Institute of Dental Sciences	Mangalore	0	0.000	2	0.062
A.C. College of Technology	Madras	1	0.028	0	0.000
Bai Jerbai Wadia Hospital for Children	Bombay	10	0.277	11	0.339
Banaras Hindu University	Varanasi	88	2.441	64	1.975
Bangalore University	Bangalore	0	0.000	1	0.031
Bangur Institute of Neurology	Calcutta	1	0.028	3	0.093
Bapuji Child Health Institute & Research Centre	Davangere	0	0.000	1	0.031
Bapuji Dental College	Davangere	2	0.055	0	0.000
Bareilly College	Bareilly	1	0.028	0	0.000
Barkatullah Vishwavidyalaya	Bhopal	1	0.028	1	0.031
Base Hospital	Lucknow	1	0.028	1	0.031
Batra Hospital & Medical Research Centre	New Delhi	0	0.000	3	0.093
Bawaskar Hospital & Research Centre	Mahad Raigad	0	0.000	1	0.031
Bedi Clinic & Nursing Home	Patiala	0	0.000	2	0.062
Bengal Engineering College	Howrah	0	0.000	1	0.031

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Berhampur University	Berhampur	6	0.166	3	0.093
Bhabha Atomic Research Centre	Bombay	37	1.026	39	1.203
Bhagwan Mahavir Medical Research Centre	Hyderabad	0	0.000	2	0.062
Bharat Heavy Electricals Ltd.	Tiruchirapalli	1	0.028	0	0.000
Bharathi Women's College	Madras	0	0.000	1	0.031
Bharathiar University	Coimbatore	0	0.000	3	0.093
Bharathidasan University	Tiruchirapalli	1	0.028	2	0.062
Bhatia General Hospital	Bombay	0	0.000	1	0.031
Bhavnager University	Bhavnager	1	0.028	0	0.000
Bidhan Chandra Krishi Viswavidyalaya	Kalyani	3	0.083	2	0.062
Bihar University	Muzaffarpur	1	0.028	3	0.093
Bihar Veterinary College	Patna	1	0.028	0	0.000
Biria Institute of Technology & Science	Pilani	4	0.111	0	0.000
Birth Defects Centre	Bombay	1	0.028	0	0.000
Bokaro General Hospital	Bokaro	1	0.028	0	0.000
Bombay Cancer Registry	Bombay	0	0.000	2	0.062
Bombay Hospital	Bombay	3	0.083	2	0.062
Bombay Hospital Medical Research Centre	Bombay	5	0.139	1	0.031
Bombay Hospital & Institute of Medical Sciences	Bombay	0	0.000	12	0.370
Bombay Veterinary College	Bombay	2	0.055	0	0.000
Bose Institute	Calcutta	24	0.666	18	0.555
Breach Candy Hospital	Bombay	2	0.055	1	0.031
Burdwan Medical College & Hospital	Burdwan	7	0.194	6	0.185
Bureau of Police Research & Development	Hyderabad	1	0.028	0	0.000
Burhar Central Hospital	Shahdol	0	0.000	1	0.031
B. Nanavati Hospital	Bombay	0	0.000	1	0.031
B.C. Roy Polio Clinic & Hospital for Crippled Children	Calcutta	1	0.028	0	0.000
B.J. Medical College & Hospital	Ahmedabad	12	0.333	7	0.216
B.J. Medical College & Sassoon General Hospital	Pune	2	0.055	2	0.062
B.J. Wadia Hospital for Children	Bombay	1	0.028	0	0.000
B.R. Singh Hospital	Calcutta	2	0.055	0	0.000
B.R.D. Medical College	Gorakhpur	6	0.166	2	0.062
B.S. Medical College	Bankura	2	0.055	2	0.062
B.V. Patel Pharmaceutical Education Research & Development Centre	Ahmedabad	0	0.000	1	0.031
B.Y.L. Nair Hospital & T.N. Medical College	Bombay	17	0.472	12	0.370
Cadila Laboratories Ltd.	Ahmedabad	1	0.028	0	0.000
Calcutta Medical College	Calcutta	1	0.028	0	0.000
Calcutta Medical Research Institute	Calcutta	1	0.028	0	0.000
Calcutta National Medical College	Calcutta	13	0.361	4	0.123
Calcutta School of Tropical Medicine	Calcutta	8	0.222	7	0.216
Calcutta Skin Institute	Calcutta	2	0.055	0	0.000
Calicut Medical College	Calicut	0	0.000	3	0.093
Cancer Institute (WIA)	Madras	7	0.194	12	0.370
Captain Srinivasa Murti Drug Research Institute for Ayurveda	Madras	1	0.028	0	0.000
Central Institute for Leprosy (ICMR)	Agra	21	0.583	3	0.093
Central Agricultural Research Institute	Port Blair	0	0.000	1	0.031
Central Arid Zone Research Institute	Jodhpur	1	0.028	0	0.000
Central Avian Research Institute	Izatnagar	1	0.028	0	0.000
Central College	Bangalore	0	0.000	2	0.062
Central Drug Laboratory	Calcutta	1	0.028	0	0.000
Central Drug Research Institute	Lucknow	71	1.959	41	1.265
Central Food Technological Research Institute	Mysore	14	0.388	13	0.555

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Central Forensic Science Laboratory	Calcutta	2	0.055	0	0.000
Central Government Health Scheme	Jaipur	0	0.000	2	0.062
Central Hospital	Calcutta	0	0.000	2	0.062
Central Institute of Fisheries Technology	Cochin	1	0.028	0	0.000
Central Institute of Medicinal & Aromatic Plants	Lucknow	1	0.028	0	0.000
Central Institute of Psychiatry	Ranchi	0	0.000	2	0.062
Central Labour Institute	Bombay	0	0.000	1	0.031
Central Leather Research Institute	Madras	8	0.222	5	0.154
Central Leprosy Teaching & Research Institute	Chengalpattu	8	0.222	3	0.093
Central Military Veterinary Laboratory	Meerut	1	0.028	1	0.031
Central Research Institute	Kasauli	8	0.222	1	0.031
Central Research Institute for Yoga	New Delhi	0	0.000	1	0.031
Central Rice Research Institute	Cuttack	1	0.028	1	0.031
Central Tasar Research & Training Institute	Ranchi	0	0.000	1	0.031
Centre for Action, Research & Technology for Men, Animal & Nature	Bangalore	0	0.000	1	0.031
Centre for Ageing Research in India	New Delhi	0	0.000	1	0.031
Centre for Biochemical Technology	Delhi	9	0.250	5	0.154
Centre for Cellular & Molecular Biology	Hyderabad	20	0.555	41	1.265
Centre for Development Studies	Thiruvananthapuram	1	0.028	0	0.000
Centre for Research in Medical Entomology (ICMR)	Madurai	0	0.000	1	0.031
Centre of Excellence in Pathology	Kerala***	0	0.000	1	0.031
Centre of Logistical Research & Innovation	New Delhi	1	0.028	1	0.031
Centre of Social Medicine & Community Health	New Delhi	1	0.028	1	0.031
Charak Palika Hospital	New Delhi	0	0.000	1	0.031
Child Trust Hospital	Madras	0	0.000	1	0.031
Chittaranjan National Cancer Institute	Calcutta	7	0.194	19	0.586
Chittaranjan Seva Sadan College of Obstetrics Gynaecology & Child Health	Calcutta	3	0.083	0	0.000
Choudhary Charan Singh University	Meerut	5	0.139	2	0.062
Christ Church College	Kanpur	3	0.083	0	0.000
Christian Fellowship Leprosy Hospital & Community Health Centre	Dindigul	1	0.028	2	0.062
Christian Medical College	Ludhiana	6	0.166	18	0.555
Christian Medical College	Vellore	66	1.831	97	2.993
CIBA-GEIGY Research Centre	Bombay	1	0.028	0	0.000
Cipla Limited	Bombay	1	0.028	0	0.000
Civil Hospital	Ahmedabad	3	0.083	0	0.000
Clinical Research Centre	New Delhi	1	0.028	0	0.000
Cochin University of Science & Technology	Cochin	2	0.055	0	0.000
Coimbatore Medical College	Coimbatore	1	0.028	0	0.000
College of Agriculture	Nainital	1	0.028	0	0.000
College of Basic Sciences & Humanities	Ludhiana	1	0.028	2	0.062
College of Basic Sciences & Humanities	Nainital	0	0.000	1	0.031
College of Dental Surgery	Manipal	2	0.055	2	0.062
College of Engineering	Madras	0	0.000	2	0.062
College of Engineering & Technology	Aligarh	0	0.000	1	0.031
College of Home Science	Hisar	1	0.028	0	0.000
College of Pharmaceutical Sciences	Manipal	3	0.083	4	0.123
College of Pharmacy	Belgaum	0	0.000	1	0.031
College of Pharmacy	New Delhi	0	0.000	3	0.093
College of Veterinary & Animal Science	Bikaner	4	0.111	1	0.031
College of Veterinary Science & Animal Husbandry	Anand	1	0.028	1	0.031
College of Veterinary Science & Animal Husbandry	Jabalpur	6	0.166	1	0.031

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
College of Veterinary Sciences	Hyderabad	1	0.028	0	0.000
College of Veterinary Sciences	Ludhiana	4	0.111	3	0.093
College of Veterinary Sciences	Hisar	5	0.139	3	0.093
College of Veterinary Sciences	Nainital	5	0.139	3	0.093
Command Hospital	Pune	0	0.000	2	0.052
Command Hospital (Air Force)	Bangalore	1	0.028	5	0.154
Command Hospital (EC)	Calcutta	2	0.055	0	0.000
Command Hospital (NC)	New Delhi	0	0.000	1	0.031
Command Hospital (SC)	Maharashtra***	0	0.000	1	0.031
Command Hospital (WC)	Chandimandir	0	0.000	1	0.031
Command Pathology Laboratory	Lucknow	3	0.083	0	0.000
C.B.M. Ophthalmic Institute Little Flower Hospital	Angamally	1	0.028	0	0.000
Danielson College	Chhindwara	1	0.028	0	0.000
Darbhanga Medical College Hospital	Laheriasarai	1	0.028	1	0.031
Darjeeling Government College	Darjeeling	1	0.028	0	0.000
Dayalbagh Educational Institute	Agra	0	0.000	1	0.031
Dayanand Medical College	Ludhiana	11	0.305	13	0.401
Deccan College of Medical Sciences	Hyderabad	1	0.028	0	0.000
Defence Institute of Physiology & Allied Sciences	Delhi Cantt	8	0.222	5	0.154
Defence R & D Establishment	Gwalior	8	0.222	13	0.401
Defence Research Laboratory	Tezpur	3	0.083	1	0.031
Delhi Scan Research Centre	New Delhi	1	0.028	0	0.000
Dental College	Thiruvananthapuram	5	0.139	0	0.000
Dental Wing Medical College	Kottayam	1	0.028	0	0.000
Department of Pharmaceutical Sciences	Sagar	0	0.000	2	0.062
Department of Pharmacology	Bangalore	0	0.000	1	0.031
Department of Serology & CE Govt of India	Calcutta	0	0.000	1	0.031
Desert Medicine Research Centre (ICMR)	Jodhpur	0	0.000	1	0.031
Deva Matha Hospital	Koottattukulam	2	0.055	1	0.031
Devi Ahilya Vishwavidyalaya	Indore	6	0.166	8	0.247
Dhanya Mission Hospital	Chalakudy	0	0.000	1	0.031
Diabetes Clinic	Vijayawada	1	0.028	0	0.000
Diabetes Research Centre	Madras	7	0.194	7	0.216
Dibrugarh University	Dibrugarh	1	0.028	1	0.031
Director General of Health Services (Leprosy)	New Delhi	0	0.000	1	0.031
Directorate of Secondary Education Government of Orissa	Bhubaneswar	0	0.000	1	0.031
Division of TSG Consultants Pvt. Ltd.	New Delhi	1	0.028	0	0.000
Dr. A.L.M. Postgraduate Institute of Basic Medical Sciences	Madras	6	0.166	11	0.339
Dr. Bandorawala Leprosy Hospital	Pune	3	0.083	0	0.000
Dr. Bhatia's Clinic Laboratory	Ludhiana	0	0.000	1	0.031
Dr. B. Nanavati Hospital	Bombay	2	0.055	1	0.031
Dr. B.C. Roy Memorial Hospital for Children	Calcutta	2	0.055	0	0.000
Dr. B.R. Ambedkar Medical College	Bangalore	0	0.000	1	0.031
Dr. H. S. Gour Vishwavidyalaya	Sagar	7	0.194	7	0.216
Dr. H.T. Vira Reddi Hospital	Madras	1	0.028	0	0.000
Dr. Kunhalu's Nursing Home	Cochin	1	0.028	0	0.000
Dr. K.S. Nargund Memorial Research Centre	Bangalore	0	0.000	1	0.031
Dr. Panjabrao Deshmukh Memorial Medical College	Amravati	1	0.028	0	0.000
Dr. Rajendra Prasad Centre for Ophthalmic Sciences	New Delhi	36	0.999	25	0.771
Dr. R. Ahmed Dental College & Hospital	Calcutta	1	0.028	0	0.000
Dr. R.M.L. Hospital	New Delhi	3	0.083	5	0.154
Dr. R.N. Cooper Hospital	Bombay	4	0.111	2	0.062
Dr. S.N. Medical College	Jodhpur	6	0.166	5	0.154

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Dr. V.M. Medical College	Solapur	6	0.166	2	0.062
Dr. Y. S. Parmar University of Horticulture & Forestry	Solan	1	0.028	0	0.000
Dungar College	Bikaner	0	0.000	1	0.031
Dunger College	Manipal	2	0.055	0	0.000
Durgavati University	Jabalpur	1	0.028	0	0.000
D.A.V. College	Kanpur	1	0.028	0	0.000
D.G.A.F.M.S., Ministry of Defence	New Delhi	1	0.028	0	0.000
Eden Hospital Medical College	Calcutta	1	0.028	0	0.000
Endocrine & Diabetes Centre	Visakhapatnam	0	0.000	2	0.062
Enterovirus Research Centre (ICMR)	Bombay	1	0.028	1	0.031
Environmental Resources Research Centre	Thiruvananthapuram	0	0.000	1	0.031
Escorts Heart Institute & Research Centre	New Delhi	2	0.055	3	0.093
E.N.T. Nursing Home	Madras	1	0.028	0	0.000
E.S.I. Hospital	Jaipur	1	0.028	0	0.000
E.S.I. Hospital	Kalyani	0	0.000	1	0.031
Forensic Science Laboratory	Ahmedabad	0	0.000	1	0.031
Forensic Science Laboratory	Madhuban	2	0.055	0	0.000
Forensic Sciences Department	Madras	0	0.000	1	0.031
Foundation for Medical Research	Bombay	5	0.139	2	0.062
Foundation for Research in Community Health	Bombay	1	0.028	0	0.000
Gandhi Medical College	Bhopal	4	0.111	1	0.031
Gandhi Memorial Leprosy Foundation	Wardha	1	0.028	1	0.031
Gandhigram Rural Institute	Gandhigram	0	0.000	2	0.062
Gauhati Medical College	Guwahati	0	0.000	2	0.062
Gaya College	Gaya	1	0.028	0	0.000
General Hospital	Sangli	1	0.028	0	0.000
Get Well Hospital	Indore	1	0.028	0	0.000
Glaxo India Ltd.	Bombay	1	0.028	0	0.000
Goa Dental College & Hospital	Bambolim	1	0.028	0	0.000
Goa Medical College	Bambolim	10	0.277	5	0.154
Goa University	Bambolim	0	0.000	1	0.031
Godrej Soaps Inc.	Bombay	0	0.000	1	0.031
Government Rajaji Hospital	Madurai	0	0.000	1	0.031
Government College	Sikar	0	0.000	1	0.031
Government College of Pharmacy	Bangalore	0	0.000	1	0.031
Government Dental College & Hospital	Aurangabad	3	0.083	0	0.000
Government Dental College & Hospital	Nagpur	0	0.000	1	0.031
Government General Hospital	Madras	2	0.055	1	0.031
Government General Hospital	Namchi	0	0.000	2	0.062
Government General Hospital & Rangaraya Medical College	Kakinada	1	0.028	0	0.000
Government Hospital	Jalore	1	0.028	0	0.000
Government Medical College	Jammu Tawi	0	0.000	4	0.123
Government Medical College	Mysore	15	0.416	0	0.000
Government Medical College	Nagpur	0	0.000	11	0.339
Government Medical College	Patiala	0	0.000	5	0.154
Government Medical College	Srinagar	0	0.000	2	0.062
Government Medical College	Surat	0	0.000	1	0.031
Government Medical College & Hospital	Nagpur	3	0.083	0	0.000
Government Mental Hospital	Madras	1	0.028	0	0.000
Government Peripheral Hospital	Madras	1	0.028	1	0.031
Government Rajaji Hospital Madurai Medical College	Madurai	2	0.055	2	0.062
Government Vemana Yoga Research Institute	Secunderabad	0	0.000	1	0.031
Grant Medical College	Bombay	10	0.277	6	0.185
GRECALTES	Calcutta	0	0.000	1	0.031

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Gujarat Agricultural University	Sardar Krishinagar	0	0.000	1	0.031
Gujarat Cancer Society	Ahmedabad	0	0.000	10	0.309
Gujarat Cancer & Research Institute	Ahmedabad	8	0.222	5	0.154
Gujarat Institute of Development Research	Ahmedabad	0	0.000	1	0.031
Gujarat University	Ahmedabad	1	0.028	3	0.093
Gulbarga University	Gulbarga	2	0.055	9	0.278
Guru Nanak Dev University	Amritsar	14	0.388	11	0.339
Guru Nanak Eye Centre	New Delhi	1	0.028	1	0.031
G. Kuppuswamy Naidu Memorial Hospital	Coimbatore	1	0.028	0	0.000
G.B. Pant Hospital	New Delhi	46	1.276	22	0.679
G.B. Pant University of Agriculture & Technology	Pant Nagar	1	0.028	3	0.093
G.M. College	Sambalpur	2	0.055	0	0.000
G.P.R. Engineering College	Kurnool	0	0.000	1	0.031
G.R. Medical College	Gwalior	5	0.139	0	0.000
G.S.V.M. Medical College	Kanpur	6	0.166	5	0.154
Haffkine Institute	Bombay	6	0.166	2	0.062
Hamdard College of Pharmacy	New Delhi	2	0.055	0	0.000
Hamdard University	New Delhi	2	0.055	0	0.000
Harcourt Butler Technological Institute	Kanpur	1	0.028	0	0.000
Haryana Agricultural University	Hisar	11	0.305	18	0.555
Health & Family Welfare Training Centre	Madras	0	0.000	1	0.031
Health Services	Pune	1	0.028	0	0.000
Heart Care Foundation of India	New Delhi	2	0.055	0	0.000
Heart Institute	Madras	0	0.000	2	0.062
Himachal Pradesh University	Shimla	1	0.028	3	0.093
Himalaya Drug Co.	Bangalore	0	0.000	1	0.031
Hindustan Antibiotics Ltd.	Pune	4	0.111	6	0.185
Hindustan Ciba-Geigy Ltd	Bombay	6	0.166	1	0.031
Hindustan Ciba-Geigy Research Centre	Bombay	1	0.028	0	0.000
Hindustan Lever Research Centre	Bombay	2	0.055	1	0.031
Hoechst India Ltd.	Bombay	0	0.000	2	0.062
Holkar Science College	Indore	2	0.055	0	0.000
Hope Infertility Clinic Pvt. Ltd	Bangalore	0	0.000	2	0.062
H.N.B Garhwal University	Srinagar (UP)	3	0.083	0	0.000
ICMR Unit for Research on AIDS in North Eastern States of India	Calcutta	0	0.000	1	0.031
ICRC Anti-Leprosy Vaccine Project	Bombay	1	0.028	0	0.000
Iladevi Cataract & IOL Research Centre	Ahmedabad	0	0.000	1	0.031
Indian Agricultural Research Institute	New Delhi	1	0.028	0	0.000
Indian Association for the Cultivation of Science	Calcutta	1	0.028	0	0.000
Indian Cancer Society	Bombay	1	0.028	0	0.000
Indian Council of Medical Research Unit	Manipur	0	0.000	1	0.031
Indian Institute of Chemical Biology	Calcutta	3	0.083	3	0.093
Indian Institute of Chemical Technology	Hyderabad	1	0.028	0	0.000
Indian Institute of Health Management Research	Jaipur	1	0.028	0	0.000
Indian Institute of Science	Bangalore	7	0.194	9	0.278
Indian Institute of Technology	Bombay	1	0.028	1	0.031
Indian Institute of Technology	Madras	0	0.000	2	0.062
Indian Institute of Technology	New Delhi	3	0.083	5	0.154
Indian Statistical Institute	Calcutta	0	0.000	1	0.031
Indian Veterinary Research Institute	Izalnagar	3	0.083	6	0.185
Indira Gandhi Co-operative Hospital	Cochin	1	0.028	0	0.000
Indira Gandhi Institute of Medical Sciences	Patna	2	0.055	7	0.216
Indira Gandhi Medical College	Nagpur	0	0.000	2	0.062

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Indira Gandhi Medical College	Shimla	0	0.000	4	0.123
Indira Gandhi Memorial Hospital	Agartala	0	0.000	1	0.031
Individual	Balasure	0	0.000	1	0.031
Individual	Bhubaneswar	1	0.028	0	0.000
Individual	Calcutta	0	0.000	1	0.031
Individual	Nagpur	0	0.000	1	0.031
Industrial Toxicology Research Centre	Lucknow	62	1.720	35	1.000
INHS Dhanvantri	Port Blair	1	0.028	0	0.000
Institute for Postgraduate Teaching & Research	Jamnagar	0	0.000	1	0.031
Institute for Research in Medical Statistics (ICMR)	Madras	1	0.028	0	0.000
Institute for Research in Reproduction (ICMR)	Bombay	16	0.444	11	0.339
Institute for Research & Rehabilitation of Hand Stanley Medical College	Madras	1	0.028	0	0.000
Institute for Respiratory Disease	Calcutta	1	0.028	0	0.000
Institute for Rural Health Studies	Hyderabad	2	0.055	0	0.000
Institute of Aerospace Medicine, IAF	Bangalore	0	0.000	4	0.123
Institute of Cardiac Treatment & Research	Perambur	0	0.000	1	0.031
Institute of Cardiology Civil Hospital	Ahmedabad	1	0.028	0	0.000
Institute of Cardiovascular Diseases	Madras	0	0.000	3	0.093
Institute of Child Health	Calcutta	0	0.000	3	0.093
Institute of Child Health	Madras	3	0.083	2	0.062
Institute of Cytology & Preventive Oncology (ICMR)	New Delhi	7	0.194	3	0.093
Institute of Economic Growth	Delhi	1	0.028	0	0.000
Institute of Genetics & Hospital for Genetic Diseases	Hyderabad	4	0.111	2	0.062
Institute of Health Management in Pachod	Maharashtra***	0	0.000	1	0.031
Institute of Health & Environment Management	Calcutta	0	0.000	1	0.031
Institute of History of Medicine & Medical Research	New Delhi	2	0.055	0	0.000
Institute of Immunohaematology (ICMR)	Bombay	6	0.166	2	0.062
Institute of Internal Medicine	Madras	0	0.000	1	0.031
Institute of Medical Sciences	Srinagar	3	0.083	1	0.031
Institute of Medical Sciences	Varanasi	22	0.610	10	0.309
Institute of Microbial Technology	Chandigarh	4	0.111	10	0.309
Institute of Microbiology & Pathology	Madras	1	0.028	0	0.000
Institute of Neurology	Madras	2	0.055	0	0.000
Institute of Nuclear Medicine & Allied Sciences	Delhi	11	0.305	11	0.339
Institute of Ophthalmology Joseph Eye Hospital	Tiruchirapalli	1	0.028	1	0.031
Institute of Pathology (ICMR)	New Delhi	2	0.055	4	0.123
Institute of Postgraduate Medical Education & Research	Calcutta	8	0.222	11	0.339
Institute of Postgraduate Teaching & Research	Dhanvantari	0	0.000	2	0.062
Institute of Science	Bombay	3	0.083	0	0.000
Institute of Self Organising Systems & Biophysics	Shillong	0	0.000	3	0.093
Institute of Thoracic Medicine	Madras	1	0.028	0	0.000
Institute Rotary Cancer Hospital	New Delhi	6	0.166	8	0.247
International Centre for Genetic Engineering & Biotechnology	New Delhi	4	0.111	6	0.185
Islamia Hospital	Calcutta	2	0.055	0	0.000
Ispat General Hospital	Rourkela	3	0.083	2	0.062
I.G. Medical College	Shimla	14	0.388	5	0.154
Jadavpur University	Calcutta	11	0.305	21	0.648
Jamal Mohamed College	Tiruchirapalli	1	0.028	0	0.000
Jamia Hamdard	New Delhi	0	0.000	1	0.031
Jamia Millia Islamia	New Delhi	0	0.000	2	0.062
Jamshedpur Co-operative College	Tatanagar	1	0.028	0	0.000
Jaslok Hospital & Research Centre	Bombay	4	0.111	6	0.185

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Jawaharlal Nehru Institute of Postgraduate Medical Education & Research	Pondicherry	21	0.583	28	0.864
Jawaharlal Nehru University	New Delhi	36	0.999	30	0.926
Jiwaji University	Gwalior	4	0.111	3	0.093
J.A. Hospital	Gwalior	1	0.028	0	0.000
J.J. Hospital	Bombay	1	0.028	1	0.031
J.J.M. Medical College	Davangere	3	0.083	7	0.216
J.L.N. Medical College & Hospital	Ajmer	12	0.333	7	0.216
J.N. Hospital & Research Centre	Bhilai	1	0.028	3	0.093
J.N. Medical College	Belgaum	4	0.111	2	0.062
J.N. Medical College	Aligarh	33	0.915	8	0.247
J.N.V. University	Jodhpur	0	0.000	1	0.031
J.S.S. Institute of Economic Research	Dharwad	0	0.000	1	0.031
Kakatiya Medical College	Warangal	1	0.028	1	0.031
Kakatiya University	Warangal	1	0.028	0	0.000
Kalawati Saran Children's Hospital	New Delhi	10	0.277	4	0.123
Karnataka Nephrology & Transplant Institute	Bangalore	0	0.000	2	0.062
Karnataka University	Dharwad	5	0.139	1	0.031
Kasturba Hospital for Infectious Diseases	Bombay	0	0.000	1	0.031
Kasturba Medical College	Mangalore	39	1.082	13	0.401
Kasturba Medical College	Manipal	17	0.472	39	1.203
Kempegowda Institute of Medical Sciences	Bangalore	1	0.028	1	0.031
Kidwai Memorial Institute of Oncology	Bangalore	9	0.250	14	0.432
Kilpauk Medical College	Madras	0	0.000	3	0.093
King George's Medical College	lucknow	45	1.248	35	1.080
Kothari Centre of Gastroenterology	Calcutta	2	0.055	1	0.031
Krishna Hospital & Medical Research Centre	Satara	1	0.028	0	0.000
Krishna Institute of Medical Sciences	Karad	2	0.055	1	0.031
Kumaun University	Nainital	1	0.028	1	0.031
Kurnool Medical College	Kurnool	0	0.000	1	0.031
Kurukshetra University	Kurukshetra	0	0.000	2	0.062
Kutir Degree College	Jaunpur	1	0.028	0	0.000
K.B. Bhabha Hospital	Bombay	1	0.028	0	0.000
K.D. Gupta Medical Centre	Jaipur	0	0.000	2	0.062
K.E.M. Hospital & Research Centre	Pune	0	0.000	3	0.093
K.E.M. Hospital & Seth G.S. Medical College	Bombay	65	1.803	22	0.679
K.L.E.S. Dental College & Hospital	Belgaum	0	0.000	1	0.031
K.M. Kundhani College of Pharmacy	Bombay	1	0.028	0	0.000
K.R. Hospital	Gwalior	0	0.000	1	0.031
K.R. Hospital	Mysore	0	0.000	1	0.031
Lady Hardinge Medical College	New Delhi	27	0.749	24	0.741
Lady Sri Ram College for Women	New Delhi	0	0.000	1	0.031
Lakshdeep Hospital	Bombay	1	0.028	0	0.000
Lalubhai Motilal College of Pharmacy	Ahmedabad	1	0.028	2	0.062
Leprosy Mission	Jhalda	1	0.028	0	0.000
Liposome Research Centre	New Delhi	2	0.055	0	0.000
Lupin Laboratories Ltd.	Aurangabad	0	0.000	1	0.031
L.L.R.M. Medical College	Meerut	8	0.222	1	0.031
L.N. Mithila University	Darbhanga	0	0.000	1	0.031
L.N.J.P.N Hospital	New Delhi	4	0.111	0	0.000
L.S.S. Paediatric Hospital & Research Centre	Kota	2	0.055	0	0.000
L.T.M. Medical College	Bombay	33	0.915	27	0.833
L.V. Prasad Eye Institute	Hyderabad	0	0.000	10	0.309
Madras Medical College	Madras	9	0.250	4	0.123

INSTITUTION	CITY	1990		1994	
		NO	I	NO	I
Madras Veterinary College	Madras	3	0.083	3	0.093
Madurai Kamaraj University	Madurai	10	0.277	7	0.216
Madurai Medical College	Madurai	3	0.083	4	0.123
Maharashtra Association for the Cultivation of Science	Pune	1	0.028	0	0.000
Maharashtra Medical Foundation's Joshi Hospital	Pune	0	0.000	1	0.031
Maharshi Dayanand University	Rohtak	0	0.000	2	0.062
Mahatma Gandhi Institute of Medical Sciences	Wardha	11	0.305	7	0.216
Mahatma Phule Agricultural University	Rahuri	1	0.028	0	0.000
Malaria Research Centre (ICMR)	Delhi	16	0.444	23	0.710
Management Development Institute	Haryana***	1	0.028	0	0.000
Mangalore University	Mangalore	2	0.055	3	0.093
Manipur University	Imphal	2	0.055	0	0.000
Manonmaniam Sundaranar University	Tirunelveli	0	0.000	1	0.031
Marathwada University	Aurangabad	0	0.000	1	0.031
Masonic Medical Centre for Children	Coimbatore	0	0.000	1	0.031
Maulana Azad Medical College	New Delhi	58	1.609	30	0.926
Medical College	Alleppey	2	0.055	0	0.000
Medical College	Amritsar	5	0.139	3	0.093
Medical College	Aurangabad	1	0.028	0	0.000
Medical College	Calcutta	9	0.250	8	0.247
Medical College	Calicut	9	0.250	5	0.154
Medical College	Jabalpur	1	0.028	1	0.031
Medical College	Kottayam	5	0.139	2	0.062
Medical College	Nagpur	1	0.028	0	0.000
Medical College	Patiala	1	0.028	0	0.000
Medical College	Pune	0	0.000	1	0.031
Medical College	Rohtak	34	0.943	37	1.142
Medical College	Srinagar	1	0.028	0	0.000
Medical College	Thanjavur	0	0.000	1	0.031
Medical College	Thiruvananthapuram	8	0.222	7	0.216
Medical College	Trichur	0	0.000	2	0.062
Medical College	Vadodara	2	0.055	3	0.093
Medical Hospital & Research Centre	Moradabad	8	0.222	6	0.185
Medical Research Centre Bombay Hospital	Bombay	3	0.083	0	0.000
Medical Research Foundation	Madras	0	0.000	2	0.062
Medical & Vision Research Foundation	Madras	0	0.000	1	0.031
Medicolegal Institute	Bhopal	2	0.055	1	0.031
Mental Hospital	Bareilly	0	0.000	1	0.031
Military Hospital	Bareilly	3	0.083	0	0.000
Military Hospital	Gaya	0	0.000	1	0.031
Ministry of Health & Family Welfare	New Delhi	0	0.000	2	0.062
Mohanlal Sukhadia University	Udaipur	1	0.028	1	0.031
Monilek Hospital & Research Centre	Jaipur	0	0.000	4	0.123
Mosaboni Mines Hospital	Singhbhum	1	0.028	0	0.000
Motilal Vigyan Mahavidyalaya	Bhopal	1	0.028	0	0.000
Mycotoxin Research Laboratory	Lucknow	1	0.028	0	0.000
M.D. Oswal Cancer Treatment & Research Foundation	Ludhiana	0	0.000	2	0.062
M.G.M. Medical College	Indore	0	0.000	4	0.123
M.K.C.G. Medical College Hospital	Berhampur	4	0.111	4	0.123
M.L.B. Medical College	Jhansi	7	0.194	1	0.031
M.L.N. Medical College	Allahabad	16	0.444	9	0.278
M.O.S.C. Medical Mission Hospital	Kerala***	1	0.028	0	0.000
M.P. Shah Medical College	Jamnagar	1	0.028	1	0.031
M.R. Medical College	Gulbarga	1	0.028	?	0.062

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
M.S. Ramaiah Medical College	Bangalore	1	0.028	2	0.062
M.S. University of Baroda	Vadodara	12	0.333	9	0.278
M.V. Diabetes Specialities Centre Pvt. Ltd.	Madras	0	0.000	1	0.031
M.V. Hospital for Diabetes	Madras	1	0.028	0	0.000
Nagarjuna University	Nagarjunanagar	0	0.000	1	0.031
Nagpur University	Nagpur	7	0.194	9	0.278
Nair Hospital Dental College	Bombay	2	0.055	1	0.031
Nalanda Medical College	Patna	4	0.111	0	0.000
Nanavati Heart Institute	Bombay	0	0.000	1	0.031
Nanavati Hospital & Research Centre	Bombay	0	0.000	1	0.031
Narendra Dev University of Agriculture & Technology	Faizabad	1	0.028	1	0.031
National Addiction Research Centre	Bombay	0	0.000	1	0.031
National AIDS Control Organisation	New Delhi	0	0.000	7	0.216
National Biotechnology Centre	Izalnagar	1	0.028	0	0.000
National Botanical Research Institute	Lucknow	2	0.055	4	0.123
National Bureau of Animal Genetic Resources & National Institute of Animal Genetics	Karnal	0	0.000	1	0.031
National Centre for Biological Sciences	Bangalore	0	0.000	1	0.031
National Chemical Laboratory	Pune	13	0.361	20	0.617
National Dairy Development Board	Anand	2	0.055	1	0.031
National Dairy Research Institute	Karnal	6	0.166	3	0.093
National Institute for the Visually Handicapped	Dehradun	1	0.028	0	0.000
National Institute of Advanced Studies	Bangalore	0	0.000	1	0.031
National Institute of Cholera & Enteric Diseases (ICMR)	Calcutta	13	0.361	23	0.710
National Institute of Communicable Diseases	Delhi	22	0.610	13	0.401
National Institute of Health & Family Welfare	New Delhi	6	0.166	3	0.093
National Institute of Immunology	New Delhi	19	0.527	24	0.741
National Institute of Mental Health & Neurosciences	Bangalore	34	0.943	34	1.049
National Institute of Nutrition (ICMR)	Hyderabad	9	0.250	6	0.185
National Institute of Occupational Health (ICMR)	Ahmedabad	9	0.250	3	0.093
National Institute of Oceanography	Goa	0	0.000	1	0.031
National Institute of Virology (ICMR)	Pune	11	0.305	12	0.370
National Malaria Eradication Programme	Delhi	4	0.111	1	0.031
National Physical Laboratory	New Delhi	2	0.055	0	0.000
National Salmonella & Escherichia Centre	Kasauli	0	0.000	3	0.093
Nava Hospital	Bombay	1	0.028	0	0.000
Nehru Hospital	Chandigarh	1	0.028	0	0.000
Netaji Subhash National Institute of Sports	Patiala	0	0.000	1	0.031
New Delhi Tuberculosis Centre	New Delhi	1	0.028	0	0.000
Nilgiris Adiwasi Welfare Association Hospital	Kotagiri	0	0.000	1	0.031
Niloufer Hospital	Hyderabad	1	0.028	0	0.000
Nizam College	Hyderabad	1	0.028	2	0.062
Nizam's Institute of Medical Sciences	Hyderabad	14	0.388	18	0.555
Norman Institute of Pathology	Vellore	1	0.028	0	0.000
North Bengal Medical College	Darjeeling	0	0.000	5	0.154
North-Eastern Hill University	Shillong	5	0.139	2	0.062
Nowrosjee Wadia Maternity Hospital	Bombay	1	0.028	1	0.031
No. 5 Air Force Hospital	New Delhi	1	0.028	0	0.000
Nutrition Research Centre (ICMR)	Bangalore	2	0.055	0	0.000
N.C. College	Jaipur	0	0.000	1	0.031
N.H.L. Municipal Medical College	Ahmedabad	0	0.000	1	0.031
N.M. Wadia Charitable Hospital	Solapur	0	0.000	1	0.031
N.R.S. Medical College & Hospital	Calcutta	5	0.139	5	0.154

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Office of the Serologist & Chemical Examiner to the Government of India	Calcutta	1	0.028	0	0.000
Organon Research Centre	Calcutta	0	0.000	1	0.031
Orissa University of Agriculture & Technology	Bhubaneswar	0	0.000	1	0.031
Orissa Veterinary College	Bhubaneswar	0	0.000	1	0.031
Osmania General Hospital	Hyderabad	4	0.111	3	0.093
Osmania Medical College	Hyderabad	0	0.000	4	0.123
Osmania University	Hyderabad	11	0.305	7	0.216
Pandalai Cardiothoracic Foundation	Madras	2	0.055	0	0.000
Panjab University	Chandigarh	51	1.415	30	0.926
Patna Medical College & Hospital	Patna	3	0.083	7	0.216
Patna University	Patna	3	0.083	0	0.000
Pfizer Limited	Bombay	2	0.055	0	0.000
Pondicherry University	Pondicherry	3	0.083	4	0.123
Poona District Leprosy Committee	Pune	0	0.000	1	0.031
Poona Medical Foundation	Pune	1	0.028	0	0.000
Postgraduate Institute of Basic Medical Science.	Madras	8	0.222	0	0.000
Postgraduate Institute of Medical Education & Research	Chandigarh	249	6.907	169	5.214
Pragati Nursing Home	Nalbari	0	0.000	1	0.031
Pravara Medical Trust	Loni	0	0.000	1	0.031
Presidency College	Calcutta	0	0.000	1	0.031
Presidency College	Madras	1	0.028	0	0.000
Pt. J.N.M. Medical College	Raipur	1	0.028	0	0.000
Pt. L.M.S. Govt. Postgraduate College	Rishikesh	0	0.000	2	0.062
Pt. Ravishankar Shukla University	Raipur	0	0.000	2	0.062
Punjab Agricultural University	Ludhiana	17	0.472	9	0.278
Punjabi University	Patiala	4	0.111	2	0.062
P.D. Hinduja National Hospital & Medical Research Centre	Bombay	3	0.083	2	0.062
P.E.S College of Engineering	Karnataka***	1	0.028	0	0.000
P.V.S. Cancer Research Centre	Calicut	1	0.028	0	0.000
Rajah Muthiah Medical College & Hospital	Annamalainagar	1	0.028	1	0.031
Rajaji Hospital	Madurai	1	0.028	0	0.000
Rajan Babu T.B. Hospital	New Delhi	1	0.028	0	0.000
Rajawadi General Hospital	Bombay	1	0.028	0	0.000
Rajendra Medical College	Ranchi	3	0.083	0	0.000
Rajendra Memorial Research Institute of Medical Sciences (ICMR)	Patna	1	0.028	0	0.000
Ranchi University	Ranchi	1	0.028	0	0.000
Ranchi Veterinary College	Ranchi	5	0.139	1	0.031
Rangaraya Medical College	Kakinada	2	0.055	1	0.031
Rani Durgavati University	Jabalpur	4	0.111	3	0.093
Ravishankar University	Raipur	2	0.055	0	0.000
Red Cross Blood Bank	Pune	0	0.000	1	0.031
Red Cross Hospital	Silchar	0	0.000	1	0.031
Referral Hospital	Jaipur	0	0.000	1	0.031
Regional Cancer Centre	Thiruvananthapuram	9	0.250	18	0.555
Regional Engineering College	Tiruchirapalli	0	0.000	1	0.031
Regional Filariasis Training & Research Centre	Rajahmundry	0	0.000	1	0.031
Regional Leprosy Training & Research Institute	Aska	1	0.028	0	0.000
Regional Medical College	Imphal	1	0.028	2	0.062
Regional Medical Research Centre (ICMR)	Bhubaneswar	2	0.055	7	0.216
Regional Occupational Health Centre	Calcutta	0	0.000	1	0.031
Regional Office for Health & Family Welfare	Ahmedabad	0	0.000	2	0.062
Regional Office for Health & Family Welfare	Shillong	5	0.139	0	0.000

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Regional Research Laboratory	Jammu Tawi	3	0.083	8	0.247
Reproductive Physiology Unit	Calcutta	1	0.028	0	0.000
Rly. Institute for Cardiac Research & Treatment	Madras	2	0.055	0	0.000
Ruby Hall Clinic	Pune	0	0.000	1	0.031
Rural Medical College	Ahmednagar	0	0.000	2	0.062
Rural Medicare Centre	New Delhi	1	0.028	0	0.000
R. N. T. Medical College	Udaipur	2	0.055	0	0.000
R.F.T.R.C. National Institute of Communicable Diseases	Varanasi	1	0.028	0	0.000
R.G. Kar Medical College & Hospital	Calcutta	1	0.028	5	0.154
R.G. Stone Clinic	Bombay	0	0.000	1	0.031
R.G. Stone Clinic	New Delhi	0	0.000	5	0.154
R.M.O. Cardiology	Calcutta	0	0.000	1	0.031
R.N.T. Medical College & Hospital	Udaipur	8	0.222	3	0.093
Sacred Heart Leprosy Centre	Thanjavur	3	0.083	0	0.000
Safdarjung Hospital	New Delhi	35	0.971	12	0.370
Saha Institute of Nuclear Physics	Calcutta	11	0.305	4	0.123
Salem Steel Plant Steel Authority of India Limited	Salem	1	0.028	0	0.000
Samastipur College	Samastipur	0	0.000	1	0.031
Sambalpur University	Sambalpur	3	0.083	2	0.062
Sambhunath Pandit Hospital	Calcutta	0	0.000	1	0.031
Sancheti Institute for Orthopaedics & Physical Rehabilitation	Pune	1	0.028	0	0.000
Sangini Bone & Joint Clinic	Ahmedabad	0	0.000	1	0.031
Sanjay Gandhi Accident & Rehabilitation Centre	Bangalore	0	0.000	1	0.031
Sanjay Gandhi Memorial Hospital	New Delhi	0	0.000	1	0.031
Sanjay Gandhi Post Graduate Institute of Medical Sciences	lucknow	12	0.333	84	2.592
Sankara Nethralaya Medical Research Foundation	Madras	0	0.000	1	0.031
Santokba Durlabhji Memorial Hospital	Bhavani	1	0.028	0	0.000
Saraswathi Narayanan College	Tamil Nadu ***	1	0.028	0	0.000
Sassoon General Hospital	Pune	0	0.000	1	0.031
Saurashtra University	Rajkot	3	0.083	2	0.062
Saveetha Dental College	Madras	1	0.028	0	0.000
Schieffelin Leprosy Research & Training Centre	Karigiri	1	0.028	3	0.093
Schizophrenia Research Foundation	Madras	0	0.000	2	0.062
School of Life Sciences	Sambalpur	0	0.000	1	0.031
Seth G.S. Medical College	Bombay	26	0.721	24	0.741
Seth Sukhlal Karnani Memorial Hospital	Calcutta	1	0.028	2	0.062
Shardaben Hospital	Ahmedabad	1	0.028	0	0.000
Sher-i-Kashmir Institute of Medical Sciences	Srinagar	8	0.222	4	0.123
Shivaji University	Kolhapur	0	0.000	2	0.062
Shree Sardar Smarak Hospital	Bardoli	0	0.000	1	0.031
Shri Ramach Andra Medical College & Research Institute	Madras	0	0.000	1	0.031
Silchar Medical College & Hospital	Silchar	1	0.028	0	0.000
Singh Hospital	Calcutta	1	0.028	0	0.000
Sion Hospital	Bombay	0	0.000	1	0.031
Sir Ganga Ram Hospital	New Delhi	1	0.028	1	0.031
Sir Hurkisondas Nurrotundas Medical Research Society	Bombay	0	0.000	5	0.154
Sir H.N. Hospital	Bombay	2	0.055	1	0.031
Sir H.N. Medical Research Society	Bombay	1	0.028	0	0.000
Sir J.J. Hospital	Bombay	1	0.028	1	0.031
Sir Ramachandra Medical College	Madras	1	0.028	0	0.000
Sitaram Bhartia Institute of Science & Research	New Delhi	2	0.055	4	0.123
Skin Institute	New Delhi	0	0.000	1	0.031
S.M.O. (UJ) C.	Amritsar	0	0.000	1	0.031

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Smt. Motibal Thackersey Institute for Research in the Field of Mental Retardation	Bombay	1	0.028	0	0.000
Society for Education Action & Research in Community Health	Gadchiroli	1	0.028	1	0.031
Society for Education Welfare & Action-Rural	Bharuch	0	0.000	1	0.031
Society for Research on Haematology & Blood Transfusion	Calcutta	2	0.055	1	0.031
Sonam Norboo Memorial Hospital	Ladakh	1	0.028	0	0.000
Soni Hospital	Jaipur	0	0.000	1	0.031
Span Research Centre	Surat	2	0.055	0	0.000
Special Reference Laboratory	Bombay	1	0.028	2	0.062
Sree Chitra Tirunal Institute for Medical Sciences & Technology	Thiruvananthapuram	31	0.860	37	1.142
Sri Devch & Nagardas Jhaveri Microbiology Centre	Hyderabad	0	0.000	2	0.062
Sri Jayadeva Institute of Cardiology	Bangalore	1	0.028	3	0.093
Sri Krishnadevaraya University	Anantapur	1	0.028	2	0.062
Sri Ramachandra Medical College & Research Institute	Madras	1	0.028	3	0.093
Sri Venkateswara University	Tirupati	34	0.943	6	0.185
State Public Health Laboratory	Pune	1	0.028	0	0.000
St. Andrew's Post Graduate College	Gorakhpur	2	0.055	1	0.031
St. Anthony's College	Shillong	1	0.028	0	0.000
St. George's Hospital	Bombay	0	0.000	1	0.031
St. John's Medical College Hospital	Bangalore	15	0.416	21	0.648
St. Martha's Hospital	Bangalore	0	0.000	2	0.062
St. Philomena's Hospital	Bangalore	1	0.028	0	0.000
St. Thomas College	Kerala***	1	0.028	0	0.000
St. Thomas Hospital & Leprosy Centre	Chettupattu	0	0.000	2	0.062
St. Xavier's College	Bombay	2	0.055	0	0.000
Subject Committee for Health & Family Welfare Legislative Assembly	Calcutta	0	0.000	1	0.031
Surajata Hospital	Bombay	0	0.000	1	0.031
Swami Prakashan & Ayurvedic Research Centre	Bombay	0	0.000	1	0.031
S.A.T. Hospital & Trivandrum Medical College	Thiruvananthapuram	2	0.055	1	0.031
S.C.B. Medical College & Hospital	Cuttack	6	0.166	2	0.062
S.C.T. Hospital & Trivandrum Medical College	Thiruvananthapuram	0	0.000	1	0.031
S.D.M. College of Dental Sciences	Dharwad	0	0.000	1	0.031
S.G. Cancer Hospital	Indore	1	0.028	0	0.000
S.G.R. Post Graduate College	Jaunpur	1	0.028	0	0.000
S.K. Government College	Sikar	2	0.055	1	0.031
S.K. University of Agricultural Science & Technology	Shalimar	1	0.028	0	0.000
S.K.C.G. College	Paralakhemundi	0	0.000	1	0.031
S.M.H.S. Hospital & Government Medical College	Srinagar	2	0.055	0	0.000
S.M.M. Town Postgraduate College	Ballia	0	0.000	1	0.031
S.M.S. Medical College	Jaipur	16	0.444	13	0.401
S.M.V.R.M. Hospital	Tanuku	0	0.000	1	0.031
S.N. Medical College	Agra	6	0.166	5	0.154
S.N.D.T. Women's University	Bombay	1	0.028	1	0.031
S.P. Medical College	Bikaner	10	0.277	12	0.370
S.P.A. Research Centre	Bombay	0	0.000	1	0.031
S.P.M. Child Health Institute & S.M.S. Medical College	Jaipur	4	0.111	0	0.000
S.S.L. Jain College	Vidisha	0	0.000	1	0.031
S.V. Medical College	Tirupati	2	0.055	1	0.031
S.V.R.R. Hospital	Tirupati	1	0.028	0	0.000
S.V.S. Marwari Hospital & Cancer Detection Centre	Calcutta	1	0.028	6	0.185
Tamil Nadu Agricultural University	Coimbatore	1	0.028	1	0.031

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Tamil Nadu Veterinary & Animal Sciences University	Madras	0	0.000	3	0.093
Tarabhai Desai Rotary Eye Hospital	Rajasthan***	1	0.028	0	0.000
Tata Energy Research Institute	New Delhi	1	0.028	2	0.062
Tata Institute of Fundamental Research	Bombay	15	0.416	11	0.339
Tata Memorial Centre	Bombay	87	2.413	69	2.129
Technician Institute of Immunohematology	Bombay	1	0.028	0	0.000
Thanjavur Medical College	Thanjavur	4	0.111	1	0.031
Thapar Institute of Engineering & Technology	Patiala	0	0.000	1	0.031
The Institute of Science	Bombay	1	0.028	0	0.000
Tripura University	Agartala	1	0.028	0	0.000
Tropical Forest Research Institute	Jabalpur	0	0.000	1	0.031
Tuberculosis Research Centre (ICMR)	Madras	10	0.277	4	0.123
T.D. Medical College Hospital	Alleppey	1	0.028	0	0.000
T.M. Bhagalpur University	Bhagalpur	4	0.111	7	0.216
T.N. Medical College	Bombay	12	0.333	12	0.370
UNICEF	Calcutta	1	0.028	1	0.031
UNICEF Regional Office for South Central Asia	New Delhi	1	0.028	1	0.031
University College of Medical Sciences	Delhi	27	0.749	42	1.296
University College of Medicine	Calcutta	3	0.083	3	0.093
University College of Pharmaceutical Sciences	Warangal	0	0.000	1	0.031
University College of Sciences	Calcutta	25	0.693	15	0.463
University College of Sciences	Hyderabad	0	0.000	1	0.031
University of Agricultural Sciences	Mangalore	2	0.055	2	0.062
University of Allahabad	Allahabad	3	0.083	1	0.031
University of Bombay	Bombay	3	0.083	6	0.185
University of Burdwan	Burdwan	4	0.111	4	0.123
University of Calcutta	Calcutta	30	0.832	27	0.833
University of Delhi	Delhi	13	0.361	24	0.741
University of Gorakhpur	Gorakhpur	10	0.277	2	0.062
University of Horticulture & Forestry	Solan	0	0.000	2	0.062
University of Hyderabad	Hyderabad	9	0.250	12	0.370
University of Kalyani	Kalyani	8	0.222	4	0.123
University of Kashmir	Srinagar	5	0.139	1	0.031
University of Kerala	Thiruvananthapuram	8	0.222	13	0.401
University of Lucknow	Lucknow	3	0.083	4	0.123
University of Madras	Madras	26	0.721	23	0.710
University of Mysore	Mysore	8	0.222	10	0.309
University of North Bengal	Darjeeling	1	0.028	2	0.062
University of Poona	Pune	4	0.111	6	0.185
University of Rajasthan	Jaipur	16	0.444	8	0.247
University of Roorkee	Roorkee	5	0.139	7	0.216
University School of Sciences	Ahmedabad	1	0.028	0	0.000
USAID/US Embassy	New Delhi	1	0.028	0	0.000
Utkal University	Bhubaneswar	3	0.083	3	0.093
Vaish College	Bhiwani	1	0.028	0	0.000
Vallabhbhai Patel Chest Institute	Delhi	18	0.499	5	0.154
Vector Control Research Centre (ICMR)	Pondicherry	21	0.583	8	0.247
Veterinary College & Research Institute	Namakkal	2	0.055	0	0.000
Veterinary Dispensary	Kerala***	2	0.055	0	0.000
Vidyasagar Hospital	Calcutta	0	0.000	1	0.031
Vidyasagar University	Midnapore	0	0.000	1	0.031
Vijaya Hospital	Madras	1	0.028	0	0.000
Vikram University	Ujjain	1	0.028	3	0.093
Vision Research foundation	Madras	0	0.000	5	0.154

INSTITUTION	CITY	1990		1994	
		NO	₹	NO	₹
Visva-Bharati University	Santiniketan	6	0.166	4	0.123
Vivekanand Institute of Medical Sciences	Calcutta	1	0.028	1	0.031
Vivekanand Kendra Yoga Research Foundation	Bangalore	0	0.000	2	0.062
Voluntary Health Association of India	New Delhi	1	0.028	0	0.000
Voluntary Health Services	Madras	1	0.028	1	0.031
V.M. Medical College	Solapur	1	0.028	0	0.000
V.N. Desai Hospital	Bombay	1	0.028	0	0.000
V.N. Govt. Medical College	Yavatmal	0	0.000	1	0.031
V.S. General Hospital	Ahmedabad	0	0.000	1	0.031
V.S.S. Medical College	Sambalpur	4	0.111	0	0.000
Wadia Maternity Hospital	Bombay	1	0.028	0	0.000
Wanless Hospital	Miraj	0	0.000	1	0.031
WHO South-East Asia Regional Office	New Delhi	3	0.083	4	0.123
Willingdon Hospital	Madras	0	0.000	5	0.154
Wilson College	Bombay	1	0.028	0	0.000
Zoological Survey of India Southern Regional Station	Madras	0	0.000	1	0.031
TOTAL		3464	96.089	3135	96.729

PAPERS FROM FOREIGN INSTITUTIONS

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Abia State University	Uturu	0	0.000	1	0.031
Academic Hospital	Masstricht	0	0.000	2	0.062
Academic Medical Centre	Amsterdam	0	0.000	1	0.031
Aga Khan University Hospital	Karachi	0	0.000	1	0.031
Ahmadu Bello University Hospital	Zaria	1	0.028	0	0.000
Aichi Medical University	Japan***	1	0.028	0	0.000
Al Arab Medical University	Benghazi	2	0.055	0	0.000
Albert Einstein College of Medicine	Bronx NY	0	0.000	1	0.031
Alexandria University	Alexandria	0	0.000	1	0.031
Al-Fatah Children's Hospital, Al-Arab Medical University	Benghazi	1	0.028	0	0.000
Al-Jallah Teaching Hospital	Benghazi	1	0.028	0	0.000
All Union Cardiological Research Centre	Moscow	1	0.028	0	0.000
Anokhin Institute of Normal Physiology	Moscow	2	0.055	0	0.000
Austin Hospital	Victoria	0	0.000	1	0.031
Baghdad University	Baghdad	1	0.028	0	0.000
Baragwanath Hospital	Johannesburg	1	0.028	0	0.000
Bir Hospital	Kathmandu	1	0.028	0	0.000
Cardinal Glennon Children's Hospital	St. Louis	0	0.000	1	0.031
Cardiovascular Research & Teaching Institute	Aalst	0	0.000	1	0.031
Case Western Reserve University School of Medicine	Cleveland	1	0.028	1	0.031
Central Middlesex Hospital	London	1	0.028	0	0.000
Central Post Graduate Med. Inst.	Moscow	1	0.028	0	0.000
Centre Hospitalier	Rouen	0	0.000	1	0.031
Chiba University Hospital	Chiba	0	0.000	1	0.031
Children's Hospital	Boston	2	0.055	0	0.000
Cleveland Clinic Foundation	Ohio	0	0.000	1	0.031
College of Health Sciences	Bahrain	0	0.000	1	0.031
College of Medicine	Chicago	1	0.028	0	0.000
Cook County Children's Hospital	Chicago	3	0.083	1	0.031
Cumberland Infirmary	Carelisie	1	0.028	0	0.000
Cumhuriyet University	Sivas	3	0.083	2	0.062
Doheny Eye Institute	Los Angeles	0	0.000	1	0.031
Dokuz Eylul University	Izmir	0	0.000	1	0.031
Dokuz Eylul University	Izmir	0	0.000	5	0.154
Dr. N.M.K. Hospital	Hafer Al-Baten	1	0.028	0	0.000
Duke University Medical Center	Durham	1	0.028	0	0.000
East Carolina University	Greenville	0	0.000	1	0.031
Edward S. Harkness Eye Institute	New York	1	0.028	0	0.000
Ege University Hospital	Izmir	0	0.000	1	0.031
Epidemiology Study Center	Sharqiya	0	0.000	1	0.031
Epworth Cardiovascular Unit	Melbourne	0	0.000	1	0.031
Faculty of Sciences	Novi sad	0	0.000	1	0.031
Federal University of Minas Gerais	Minas Gerais	0	0.000	1	0.031
Firat University	Elazig	1	0.028	0	0.000
Florida Institute of Technology	Melbourne	2	0.055	0	0.000
Georgetown University School of Medicine	Washington DC	2	0.055	0	0.000
Gillis W. Long Hansen's Disease Center	Carville	1	0.028	0	0.000
Graduate Hospital	Philadelphia	0	0.000	1	0.031
Great Al-Fateh University of Medical Sciences	Tripoli	1	0.028	0	0.000
Guy's Hospital	London	1	0.028	0	0.000
G.W. Hansen's Disease Center	Carville	2	0.055	0	0.000

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Hadassah University Hospital	Jerusalem	0	0.000	1	0.031
Hahnemann University Hospital	Philadelphia	0	0.000	1	0.031
Hammersmith Hospital	London	0	0.000	1	0.031
Harvard Medical School	Cambridge	1	0.028	0	0.000
Hebrew University	Jerusalem	2	0.055	0	0.000
Henrico Doctor's Hospital	Virginia	0	0.000	1	0.031
Hokkaido University School of Medicine	Sapporo	1	0.028	0	0.000
Hospital Clinicoy Provincial	Barcelona	1	0.028	0	0.000
Hyogo College of Medicine	Nishinomiya	1	0.028	0	0.000
Illinois Masonic Medical Center	Chicago	2	0.055	0	0.000
Institut Pasteur	Paris	1	0.028	0	0.000
Institute for Biological Research	Belgrade	0	0.000	1	0.031
Institute of Basic Sciences	Khandari	1	0.028	0	0.000
Institute of Biophysics Hungarian Academy of Sciences	Szeged	0	0.000	1	0.031
Institute of Fundamental Studies	Kandy	0	0.000	1	0.031
Institute of Genetics & Crop Research	Gatersleben	0	0.000	1	0.031
Institute of Medical Microbiology	Milan	0	0.000	1	0.031
Institute of Medicine, Nuclear Research Center	Julich	1	0.028	0	0.000
Institute of Postgraduate Medicine & Research	Dhaka	0	0.000	1	0.031
Institute of Theoretical Physics & Advanced Studies for Biophysics	Florida	1	0.028	0	0.000
Institute of Virology	Glasgow	2	0.055	0	0.000
International Centre for Diarrhoeal Disease Research	Dhaka	0	0.000	1	0.031
John Hopkins University	Baltimore	4	0.111	0	0.000
John Radcliffe Hospital	Oxford	0	0.000	1	0.031
Jules Stein Eye Institute University of California	Los Angeles	0	0.000	1	0.031
Juntendo University School of Medicine	Chiba	1	0.028	0	0.000
Kagawa Medical School	Japan	0	0.000	1	0.031
King Fahad Central Hospital	Gizan	1	0.028	0	0.000
King Fahd Hospital University Al Khobar	Saudi Arabia*****	1	0.028	0	0.000
King Faisal Specialist Hospital & Research Centre	Riyadh	1	0.028	0	0.000
King Faisal University	Dammam	1	0.028	0	0.000
King Faisal University	Dammam	1	0.028	0	0.000
King Saud University	Riyadh	2	0.055	0	0.000
King Saud University	Abha	1	0.028	0	0.000
King's College	London	1	0.028	1	0.031
King's College Hospital	Denma	0	0.000	1	0.031
Kuwait University	Kuwait	1	0.028	0	0.000
Laboratoire d'Oncologie Moleculaire	Paris	0	0.000	1	0.031
Lakeside VA Medical Center	Chicago	0	0.000	1	0.031
Learning Disorders Unit	Boston	1	0.028	0	0.000
Lutheran General Hospital	Park Ridge	1	0.028	0	0.000
Maimonides Medical Center	New York	0	0.000	1	0.031
Malaria & Parasitic Disease & Control Division	Dhaka	0	0.000	1	0.031
Massachusetts General Hospital	Boston	4	0.111	2	0.062
Maternity Hospital	Kuwait	1	0.028	0	0.000
Maternity Hospital	Safat	1	0.028	1	0.031
Medical School	Harare	0	0.000	1	0.031
Medical University of South Carolina	Charleston	0	0.000	1	0.031
Meharry Medical College	Nashville	1	0.028	0	0.000
Memorial University of Newfoundland	St. John's	2	0.055	0	0.000
Metropolitan Hospital Center	New York	0	0.000	1	0.031
Ministry of Health	Rangoon	1	0.028	0	0.000
National Heart & Lung Institute	London	2	0.055	0	0.000

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
Nemazee Hospital	Shiraz	0	0.000	1	0.031
N.I. Pirogov Odessa Medical Institute	Odessa	1	0.028	0	0.000
Okayama University Medical School	Okayama	0	0.000	5	0.154
Oldham & District General Hospital	Lancashire	1	0.028	0	0.000
Ondokuz Mayıs University	Samsun	0	0.000	1	0.031
Oxford University Medical School	Oxford	1	0.028	0	0.000
Pakistan Medical Research Council Research Centre	Karachi	1	0.028	0	0.000
Pharmaceutical Research Center	Tehran	1	0.028	0	0.000
Prince of Wales Hospital	Hongkong	0	0.000	2	0.062
Psychiatric Hospital	Bahrain	0	0.000	1	0.031
Queen Elizabeth Hospital for Children	London	1	0.028	0	0.000
Queen's Medical Centre	Nottingham	0	0.000	1	0.031
Regional Cardiothoracic Surgical Unit Walsgrave Hospital	Coventry	1	0.028	0	0.000
Robert Wood Johnson Medical School	New Jersey	0	0.000	1	0.031
Rockefeller University	New York	1	0.028	1	0.031
Royal Hallamshire Hospital	Sheffield	1	0.028	0	0.000
Rutgers State University of New Jersey	New Jersey	1	0.028	0	0.000
Saint Antoine Hospital	Paris	0	0.000	1	0.031
Schepens Eye Research Institute of Harvard Medical School	Boston	0	0.000	1	0.031
South African Institute for Medical Research	Johannesburg	1	0.028	0	0.000
Stadt Karlsruhe Klinikum	Lehrkrankenhans	0	0.000	1	0.031
State Hospital	Edirne	0	0.000	1	0.031
Sultan Qaboos University Hospital	Muscat	0	0.000	2	0.062
SUNY Health Science Center	Syracuse	1	0.028	0	0.000
Telecom Australia	Melbourne VIC	2	0.055	0	0.000
Texas Tech University Health Sciences Center	Lubbock	1	0.028	0	0.000
Tokyo Medical & Dental University	Tokyo	1	0.028	0	0.000
Tottori University School of Medicine	Yonago	0	0.000	1	0.031
Turkish Health & Therapy Foundation Medical Center Hospital	Ankara	0	0.000	1	0.031
T.T.U.H.S.C School of Medicine	Lubbock	1	0.028	0	0.000
Unite de Recherches de Radiobiologie Experimentale et de Cancerologie	Fond	1	0.028	0	0.000
Universiti Brunei Darussalam	Darussalam	0	0.000	1	0.031
University Hospital	Geneva	0	0.000	1	0.031
University Hospital	Geneva	0	0.000	1	0.031
University of Alabama	Birmingham	0	0.000	1	0.031
University of Alberta	Edmonton	0	0.000	2	0.062
University of Benin Teaching Hospital	Nigeria*****	0	0.000	1	0.031
University of Calgary	Alberta	0	0.000	1	0.031
University of California	San Francisco	2	0.055	0	0.000
University of Colorado	Denver	1	0.028	0	0.000
University of Erciyes	Kayseri	0	0.000	1	0.031
University of Essex	Colchester	0	0.000	1	0.031
University of Glasgow	Scotland	0	0.000	3	0.093
University of Hong Kong	Hong Kong	2	0.055	0	0.000
University of Illinois	Chicago	4	0.111	2	0.062
University of Iowa	Iowa	1	0.028	0	0.000
University of Iowa	Iowa	0	0.000	1	0.031
University of Karachi	Karachi	0	0.000	1	0.031
University of Leipzig	Germany	0	0.000	1	0.031
University of London	London	1	0.028	0	0.000
University of Maiduguri	Maiduguri	2	0.055	0	0.000
University of Malawi	Blantyre	0	0.000	1	0.031

INSTITUTION	CITY	1990		1994	
		NO	%	NO	%
University of Malaya	Kuala Lumpur	1	0.028	0	0.000
University of Manatoba	Weinnipeg	1	0.028	0	0.000
University of Maryland	College Park	1	0.028	0	0.000
University of Miami	Florida	1	0.028	0	0.000
University of Michigan	Ann Arbor	1	0.028	0	0.000
University of Milan	Milan	1	0.028	0	0.000
University of Minnesota Medical School	Minneapolis	1	0.028	2	0.062
University of Mississippi Medical Center	Jackson	1	0.028	0	0.000
University of Nairobi	Nairobi	1	0.028	0	0.000
University of Nebraska	Lincoln	1	0.028	1	0.031
University of Nigeria	Engu	1	0.028	0	0.000
University of Nigeria	Nsukka	1	0.028	1	0.031
University of Notre Dame	Indiana	3	0.083	1	0.031
University of Oklahoma	Oklahoma	2	0.055	0	0.000
University of Oklahoma College of Medicine	Oklahoma	1	0.028	0	0.000
University of Pennsylvania School of Medicine	Philadelphia	2	0.055	0	0.000
University of Surrey	Guildford	1	0.028	0	0.000
University of Texas School	Houston	1	0.028	0	0.000
University of the Punjab	Lahore	1	0.028	0	0.000
University of the Witwatersrand	Johannesburg	1	0.028	1	0.031
University of Toronto	Ontario	1	0.028	0	0.000
University Teaching Hospital	Cameroon	0	0.000	1	0.031
USPHS. GWLHPC Center	Carville	1	0.028	0	0.000
Vanderbilt University Medical Center	Nashville	1	0.028	0	0.000
World Health Organization	Geneva	1	0.028	1	0.031
Zoological Institute University of Stuttgart-Hohenheim	Hohenheim	1	0.028	0	0.000
TOTAL		3605	100	3241	100

*** City Name is not available

TABLE - 4 B

CITY-WISE PAPERS DURING 1990 AND 1994 BY SCIENTISTS
FROM INDIA AND ABROAD - INDEX MEDICUS

CITY	1990		1994	
	NO	%	NO	%
India				
Agartala	1	0.028	1	0.031
Agra	27	0.749	10	0.309
Ahmedabad	39	1.082	39	1.203
Ahmednagar	0	0.000	2	0.062
Ajmer	12	0.333	7	0.216
Aligarh	41	1.137	26	0.802
Alipurduar	1	0.028	0	0.000
Allahabad	19	0.527	10	0.309
Alleppey	3	0.083	0	0.000
Amravati	1	0.028	0	0.000
Amritsar	19	0.527	15	0.463
Anand	3	0.083	2	0.062
Anantapur	1	0.028	2	0.062
Angamally	1	0.028	0	0.000
Annamalai	2	0.055	4	0.123
Annamalainagar	1	0.028	1	0.031
Aska	1	0.028	0	0.000
Aurangabad	4	0.111	2	0.062
Balasure	0	0.000	1	0.031
Ballia	0	0.000	1	0.031
Bambolim	11	0.305	6	0.185
Bangalore	72	1.997	116	3.579
Bankura	2	0.055	2	0.062
Bardoli	0	0.000	1	0.031
Bareilly	4	0.111	1	0.031
Barsi	0	0.000	1	0.031
Belgaum	4	0.111	4	0.123
Berhampur	10	0.277	7	0.216
Bhagalpur	4	0.111	7	0.216
Bharuch	0	0.000	1	0.031
Bhavani	1	0.028	0	0.000
Bhavnager	1	0.028	0	0.000
Bhilai	1	0.028	3	0.093
Bhiwani	1	0.028	0	0.000
Bhopal	8	0.222	3	0.093
Bhubaneshwar	6	0.166	13	0.401
Bikaner	14	0.388	14	0.432
Bokaro	1	0.028	0	0.000
Bombay	427	11.845	321	9.904
Burdwan	11	0.305	10	0.309
Calcutta	208	5.770	213	6.572
Calicut	10	0.277	8	0.247
Chalakydy	0	0.000	1	0.031
Chandigarh	305	8.460	209	6.449
Chandimandir	0	0.000	1	0.031
Chengalpattu	8	0.222	3	0.093
Chettupattu	0	0.000	2	0.062

CITY	1990		1994	
	NO	%	NO	%
Chhindwara	1	0.028	0	0.000
Cochin	5	0.139	0	0.000
Coimbatore	3	0.083	5	0.154
Cuttack	7	0.194	3	0.093
Darbhangra	0	0.000	1	0.031
Darjeeling	2	0.055	7	0.216
Davangere	5	0.139	8	0.247
Dehradun	1	0.028	0	0.000
Dhanvantari	0	0.000	2	0.062
Dharwad	5	0.139	3	0.093
Dibrugarh	1	0.028	2	0.062
Dindigul	1	0.028	2	0.062
Faizabad	1	0.028	1	0.031
Gadchiroli	1	0.028	1	0.031
Gandhigram	0	0.000	2	0.062
Gaya	1	0.028	1	0.031
Goa	0	0.000	1	0.031
Gorakhpur	18	0.499	5	0.154
Gulbarga	3	0.083	11	0.339
Guwahati	1	0.028	3	0.093
Gwalior	18	0.499	17	0.525
Haryana***	1	0.028	0	0.000
Hisar	17	0.472	21	0.648
Howrah	0	0.000	1	0.031
Hyderabad	79	2.191	116	3.579
Imphal	3	0.083	2	0.062
Indore	10	0.277	12	0.370
Izatnagar	5	0.139	6	0.185
Jabalpur	12	0.333	6	0.185
Jaipur	38	1.054	32	0.987
Jalore	1	0.028	0	0.000
Jammu Tawi	3	0.083	12	0.370
Jamnagar	1	0.028	2	0.062
Jaunpur	2	0.055	0	0.000
Jhalda	1	0.028	0	0.000
Jhansi	7	0.194	1	0.031
Jodhpur	7	0.194	7	0.216
Kakinada	3	0.083	1	0.031
Kalyani	11	0.305	7	0.216
Kanpur	11	0.305	5	0.154
Karad	2	0.055	1	0.031
Karigiri	1	0.028	3	0.093
Karnal	6	0.166	4	0.123
Karnataka***	1	0.028	0	0.000
Kasauli	8	0.222	4	0.123
Kerala***	4	0.111	1	0.031
Kolhapur	0	0.000	2	0.062
Koothattukulam	2	0.055	1	0.031
Kota	2	0.055	0	0.000
Kotagiri	0	0.000	1	0.031
Kottayam	6	0.166	2	0.062
Kurnool	0	0.000	2	0.062
Kurukshetra	0	0.000	2	0.062
Ladakh	1	0.028	0	0.000

CITY	1990		1994	
	NO	%	NO	%
Laheriasarai	1	0.028	1	0.031
Loni	0	0.000	1	0.031
Lucknow	202	5.603	204	6.294
Ludhiana	39	1.082	48	1.481
Madhuban	2	0.055	0	0.000
Madras	112	3.107	122	3.764
Madurai	20	0.555	19	0.586
Mahad Raigad	0	0.000	1	0.031
Maharashtra***	0	0.000	2	0.062
Mangalore	43	1.193	20	0.617
Manipal	24	0.666	45	1.388
Manipur***	0	0.000	1	0.031
Meerut	14	0.388	4	0.123
Midnapore	0	0.000	1	0.031
Miraj	0	0.000	1	0.031
Moradabad	8	0.222	6	0.185
Muzaffarpur	1	0.028	3	0.093
Mysore	38	1.054	29	0.895
Nagarjunanagar	0	0.000	1	0.031
Nagpur	11	0.305	24	0.741
Nainital	7	0.194	5	0.154
Nalbari	0	0.000	1	0.031
Namakkal	2	0.055	0	0.000
Namchi	0	0.000	2	0.062
New Delhi**	715	19.834	629	19.408
Pant Nagar	1	0.028	3	0.093
Paralakhemundi	0	0.000	1	0.031
Patiala	5	0.139	11	0.339
Patna	14	0.388	14	0.432
Perambur	0	0.000	1	0.031
Pilani	4	0.111	0	0.000
Pondicherry	45	1.248	40	1.234
Port Blair	1	0.028	1	0.031
Pune	53	1.470	67	2.067
Rahuri	1	0.028	0	0.000
Raipur	3	0.083	2	0.062
Rajahmundry	0	0.000	1	0.031
Rajasthan***	1	0.028	0	0.000
Rajkot	3	0.083	2	0.062
Ranchi	9	0.250	4	0.123
Rishikesh	0	0.000	2	0.062
Rohtak	34	0.943	39	1.203
Roorkee	5	0.139	7	0.216
Rourkela	3	0.083	2	0.062
Sagar	7	0.194	9	0.278
Salem	1	0.028	0	0.000
Samastipur	0	0.000	1	0.031
Sambalpur	9	0.250	3	0.093
Sangli	1	0.028	0	0.000
Santiniketan	6	0.166	4	0.123
Sardar Krishinagar	0	0.000	1	0.031
Satara	1	0.028	0	0.000
Secunderabad	0	0.000	1	0.031
Shahdol	0	0.000	1	0.031

CITY	1990		1994	
	NO	%	NO	%
Shalimar	1	0.028	0	0.000
Shillong	11	0.305	5	0.154
Shimla	15	0.416	12	0.370
Sikar	2	0.055	2	0.062
Silchar	1	0.028	1	0.031
Singhbhum	1	0.028	0	0.000
Solan	1	0.028	2	0.062
Solapur	7	0.194	3	0.093
Srinagar	19	0.527	8	0.247
Srinagar (UP)	3	0.083	0	0.000
Surat	2	0.055	1	0.031
Tamil Nadu ***	1	0.028	0	0.000
Tanuku	0	0.000	1	0.031
Tatanagar	1	0.028	0	0.000
Tezpur	3	0.083	1	0.031
Thanjavur	7	0.194	2	0.062
Thiruvananthapuram	64	1.775	78	2.407
Tiruchirapalli	4	0.111	4	0.123
Tirunelveli	0	0.000	1	0.031
Tirupati	37	1.026	7	0.216
Trichur	4	0.111	5	0.154
Udaipur	11	0.305	4	0.123
Ujjain	1	0.028	3	0.093
Vadodara	16	0.444	12	0.370
Varanasi	112	3.107	75	2.314
Vellore	67	1.859	97	2.993
Vidisha	0	0.000	1	0.031
Vijayawada	1	0.028	0	0.000
Visakhapatnam	8	0.222	13	0.401
Warangal	2	0.055	2	0.062
Wardha	12	0.333	8	0.247
Yavatmal	0	0.000	1	0.031
TOTAL	3464	96	3135	97

** New Delhi includes both Delhi and Delhi Cantt.

*** City's name not available in the database

CITY	1990		1994	
	NO	%	NO	%
Abroad				
Aalst	0	0.000	1	0.031
Abha	1	0.028	0	0.000
Alberta	0	0.000	1	0.031
Alexandria	0	0.000	1	0.031
Amsterdam	0	0.000	1	0.031
Ankara	0	0.000	1	0.031
Ann Arbor	1	0.028	0	0.000
Baghdad	1	0.028	0	0.000
Bahrain	0	0.000	2	0.062
Baltimore	4	0.111	0	0.000
Barcelona	1	0.028	0	0.000
Belgrade	0	0.000	1	0.031
Benghazi	4	0.111	0	0.000
Birmingham	0	0.000	1	0.031
Blantyre	0	0.000	1	0.031
Boston	7	0.194	3	0.093
Bronx NY	0	0.000	1	0.031
Cambridge	1	0.028	0	0.000
Cameroon	0	0.000	1	0.031
Carelisle	1	0.028	0	0.000
Carville	4	0.111	0	0.000
Charleston	0	0.000	1	0.031
Chiba	1	0.028	1	0.031
Chicago	10	0.277	4	0.123
Cleveland	1	0.028	1	0.031
Colchester	0	0.000	1	0.031
College Park	1	0.028	0	0.000
Coventry	1	0.028	0	0.000
Dammam	2	0.055	0	0.000
Darussalam	0	0.000	1	0.031
Denma	0	0.000	1	0.031
Denver	1	0.028	0	0.000
Dhaka	0	0.000	3	0.093
Durham	1	0.028	0	0.000
Edirne	0	0.000	1	0.031
Edmonton	0	0.000	2	0.062
Elazig	1	0.028	0	0.000
Engu	1	0.028	0	0.000
Florida	2	0.055	0	0.000
Fond	1	0.028	0	0.000
Gatersleben	0	0.000	1	0.031
Geneva	1	0.028	3	0.093
Germany***	0	0.000	1	0.031
Gizan	1	0.028	0	0.000
Glasgow	2	0.055	0	0.000
Greenville	0	0.000	1	0.031
Guildford	1	0.028	0	0.000
Hafer Al-Baten	1	0.028	0	0.000
Harare	0	0.000	1	0.031
Hohenheim	1	0.028	0	0.000
Hong Kong	2	0.055	2	0.062

CITY	1990		1994	
	NO	%	NO	%
Houston	1	0.028	0	0.000
Indiana	3	0.083	1	0.031
Iowa	1	0.028	1	0.031
Izmir	0	0.000	7	0.216
Jackson	1	0.028	0	0.000
Japan***	1	0.028	1	0.031
Jerusalem	2	0.055	1	0.031
Johannesburg	3	0.083	1	0.031
Julich	1	0.028	0	0.000
Kandy	0	0.000	1	0.031
Karachi	1	0.028	2	0.062
Kathmandu	1	0.028	0	0.000
Kayseri	0	0.000	1	0.031
Khandari	1	0.028	0	0.000
Kuala Lumpur	1	0.028	0	0.000
Kuwait	2	0.055	0	0.000
Lahore	1	0.028	0	0.000
Lancashire	1	0.028	0	0.000
Lehrkrankenhaus	0	0.000	1	0.031
Lincoln	1	0.028	1	0.031
London	7	0.194	2	0.062
Los Angeles	0	0.000	2	0.062
Lubbock	2	0.055	0	0.000
Maiduguri	2	0.055	0	0.000
Masstricht	0	0.000	2	0.062
Melbourne	4	0.111	1	0.031
Milan	1	0.028	1	0.031
Minas Gerais	0	0.000	1	0.031
Minneapolis	1	0.028	2	0.062
Moscow	4	0.111	0	0.000
Muscat	0	0.000	2	0.062
Nairobi	1	0.028	0	0.000
Nashville	2	0.055	0	0.000
New Jersey	1	0.028	1	0.031
New York	2	0.055	3	0.093
Nigeria***	0	0.000	1	0.031
Nishinomiya	1	0.028	0	0.000
Nottingham	0	0.000	1	0.031
Novi sad	0	0.000	1	0.031
Nsukka	1	0.028	1	0.031
Odessa	1	0.028	0	0.000
Ohio	0	0.000	1	0.031
Okayama	0	0.000	5	0.154
Oklahoma	3	0.083	0	0.000
Ontario	1	0.028	0	0.000
Oxford	1	0.028	1	0.031
Paris	1	0.028	2	0.062
Park Ridge	1	0.028	0	0.000
Philadelphia	2	0.055	2	0.062
Rangoon	1	0.028	0	0.000
Riyadh	3	0.083	0	0.000
Rouen	0	0.000	1	0.031
Safat	1	0.028	1	0.031
Samsun	0	0.000	1	0.031

CITY	1990		1994	
	NO	%	NO	%
San Francisco	2	0.055	0	0.000
Sapporo	1	0.028	0	0.000
Saudi Arabia***	1	0.028	0	0.000
Scotland	0	0.000	3	0.093
Sharqiya	0	0.000	1	0.031
Sheffield	1	0.028	0	0.000
Shiraz	0	0.000	1	0.031
Sivas	3	0.083	2	0.062
St. John's	2	0.055	0	0.000
St. Louis	0	0.000	1	0.031
Syracuse	1	0.028	0	0.000
Szeged	0	0.000	1	0.031
Tehran	1	0.028	0	0.000
Tokyo	1	0.028	0	0.000
Tripoli	1	0.028	0	0.000
Uturu	0	0.000	1	0.031
Victoria	0	0.000	1	0.031
Virginia	0	0.000	1	0.031
Washington DC	2	0.055	0	0.000
Weinnipeg	1	0.028	0	0.000
Yonago	0	0.000	1	0.031
Zaria	1	0.028	0	0.000
TOTAL	141	3.911	106	3.271
GRAND TOTAL	3605	100	3241	100

*** City's name not available in the database

TABLE - 4 C
PAPERS BY SCIENTISTS FROM INDIA (STATE - WISE) AND ABROAD
INDEX MEDICUS

INDIAN STATE/UNION TERRITORY	1990		1994	
	NO	%	NO	%
Andaman & Nicobar Island	1	0.028	1	0.031
Andhra Pradesh	130	3.606	145	4.474
Assam	17	0.472	13	0.401
Bihar	33	0.915	32	0.987
Chandigarh	254	7.046	179	5.523
Delhi	715	19.834	629	19.408
Goa	11	0.305	7	0.216
Gujarat	69	1.914	65	2.006
Haryana	61	1.692	67	2.067
Himachal Pradesh	24	0.666	18	0.555
Jammu & Kashmir	24	0.666	20	0.617
karnataka	195	5.409	236	7.282
Kerala	99	2.746	96	2.962
Madhya Pradesh	61	1.692	57	1.759
Maharashtra	517	14.341	436	13.453
Manipur	3	0.083	3	0.093
Orissa	36	0.999	30	0.926
Pondicherry	45	1.248	40	1.234
Punjab	115	3.190	106	3.271
Rajasthan	92	2.552	66	2.036
Sikkim	0	0.000	2	0.062
Tamil Nadu	231	6.408	269	8.300
Tripura	1	0.028	1	0.031
Uttar Pradesh	488	13.537	372	11.478
West Bengal	242	6.713	245	7.559
TOTAL	3464	96.089	3135	96.729
Abroad	141	3.911	106	3.271
GRAND TOTAL	3605	100	3241	100

TABLE - 5

CONTRIBUTION OF INDIAN INSTITUTIONS (BY TYPE: 1 - 5)
INDEX MEDICUS

TYPE OF INSTITUTION	INST. CODE	1990		1994	
		NO	%	NO	%
Private Sector	5	496	13.759	566	17.464
Academic and other Institutions of Excellence	4	797	22.136	793	24.468
Autonomous Institutions	3	750	20.804	680	20.981
State Government including State Funded Medical Colleges	2	881	24.466	688	21.228
Central Government Institutions	1	543	15.062	418	12.897
Foreign Institutions	0	138	3.773	96	2.962
TOTAL		3605	100	3241	100

EXCERPTA MEDICA

- TABLE- 1** : CONTRIBUTION TO WORLD LITERATURE
- TABLE- 2** : PUBLISHING JOURNAL PROFILE BY DESCENDING ORDER OF IMPACT FACTOR
- TABLE - 3** : PUBLISHING JOURNAL PROFILE BY TOTAL NO. OF PAPERS
- TABLE - 4A** : INSTITUTE AND CITY-WISE BREAK UP OF PAPERS
- TABLE - 4B** : CITY-WISE PAPERS BY SCIENTISTS FROM INDIA AND ABROAD
- TABLE - 4C** : PAPERS BY SCIENTISTS FROM INDIA (STATE-WISE) AND ABROAD
- TABLE - 5** : CONTRIBUTION OF INDIAN INSTITUTIONS BY TYPE

TABLE - 1

INDIA'S CONTRIBUTION TO WORLD LITERATURE - EXCERPTA MEDICA

SUB CODE	INDIA-90		WORLD-90		AI-1990		INDIA-94		WORLD-94		AI-1994	
	NO.	%	NO.	%			NO.	%	NO.	%		
ACO	8	0.23	121	0.05	479.38		3	0.14	129	0.05	278.99	
ALL	15	0.43	2342	0.94	46.44		6	0.27	2188	0.83	32.90	
ANA	16	0.46	1027	0.41	112.96		0	0.00	538	0.20	0.00	
AND	12	0.35	1881	0.75	46.26		3	0.14	1972	0.75	18.25	
ANE	9	0.26	2812	1.12	23.21		18	0.82	4950	1.88	43.62	
ANT	3	0.09	4926	1.97	4.42		0	0.00	3872	1.47	0.00	
BEH	3	0.09	5725	2.29	3.80		2	0.09	5129	1.95	4.68	
BIC	4	0.12	1402	0.56	20.69		6	0.27	635	0.24	113.35	
BIM	240	6.95	1402	0.56	1241.20		200	9.12	635	0.24	3778.42	
BIO	104	2.87	1006	0.40	713.54		75	3.42	539	0.20	1669.27	
BIP	8	0.23	403	0.16	143.93		3	0.14	245	0.09	146.90	
BIT	22	0.64	606	0.24	263.23		35	1.60	522	0.20	804.36	
CAR	53	1.53	831	0.33	462.44		52	2.37	835	0.32	747.09	
CHM	657	19.03	792	0.32	6014.77		182	8.30	557	0.21	3919.86	
COD	21	0.61	670	0.27	227.26		0	0.00	251	0.10	0.00	
COM	5	0.14	3899	1.56	9.30		5	0.23	2503	0.95	23.96	
CYT	19	0.55	6433	2.57	21.42		25	1.14	6372	2.42	47.07	
DEB	1	0.03	3793	1.51	1.91		4	0.18	3409	1.30	14.08	
DEN	9	0.26	129	0.05	505.86		1	0.05	226	0.09	53.08	
DER	112	3.24	179	0.07	4536.74		60	2.74	228	0.09	3156.97	
DEV	115	3.33	3793	1.51	219.83		40	1.82	3409	1.30	140.76	
EMB	13	0.38	3793	1.51	24.85		3	0.14	3409	1.30	10.56	
END	45	1.30	38	0.02	8586.33		24	1.09	57	0.02	5051.15	
ENV	204	5.91	5521	2.21	267.91		101	4.61	5256	2.00	230.53	
EPI	5	0.14	3793	1.51	9.56		1	0.05	3409	1.30	3.52	
ERG	2	0.06	2503	1.00	5.79		4	0.18	3899	1.48	12.31	
FOD	19	0.55	1279	0.51	107.71		15	0.68	1774	0.67	101.44	
GAS	54	1.56	2907	1.16	134.69		17	0.78	2045	0.78	99.73	
GEN	23	0.67	2509	1.00	66.47		41	1.87	1637	0.62	300.46	
GER	7	0.20	516	0.21	98.36		7	0.32	615	0.23	136.55	
HEM	11	0.32	1740	0.69	45.84		13	0.59	1257	0.48	124.07	
IMM	41	1.19	2342	0.94	126.93		50	2.28	2188	0.83	274.14	
INF	1	0.03	2503	1.00	2.90		0	0.00	3899	1.48	0.00	
IOR	1	0.03	6433	2.57	1.13		0	0.00	6372	2.42	0.00	
MAL	8	0.23	276	0.11	210.16		1	0.05	436	0.17	27.51	
MAT	3	0.09	6986	2.79	3.11		5	0.23	6001	2.28	10.00	
MEG	286	8.28	3188	1.27	650.47		149	6.79	4301	1.63	415.60	
MEL	1	0.03	6433	2.57	1.13		3	0.14	6372	2.42	5.65	
MEM	9	0.26	3188	1.27	20.47		8	0.36	4301	1.63	22.31	
MER	52	1.51	3188	1.27	118.27		33	1.50	4301	1.63	92.04	
MIC	86	2.49	113	0.05	5518.22		75	3.42	111	0.04	8105.74	
MLE	36	1.04	6433	2.57	40.58		4	0.18	6372	2.42	7.53	
MUL	10	0.29	3188	1.27	22.74		8	0.36	4301	1.63	22.31	
MYC	11	0.32	113	0.05	705.82		0	0.00	111	0.04	0.00	
NEU	54	1.56	229	0.09	1709.77		66	3.01	266	0.10	2976.57	
NUC	42	1.22	1869	0.75	162.94		38	1.73	509	0.19	895.61	
NUC	13	0.38	1881	0.75	50.11		9	0.41	1972	0.75	54.75	
OBS	49	1.42	1881	0.75	188.88		42	1.92	1972	0.75	255.50	
ONC	79	2.29	4341	1.73	131.95		70	3.19	3347	1.27	250.90	

SUB CODE	INDIA-90		WORLD-90		AI-1990	INDIA-94		WORLD-94		AI-1994
	NO.	%	NO.	%		NO.	%	NO.	%	
OPH	49	1.42	263	0.11	1350.89	31	1.41	279	0.11	1332.94
ORT	12	0.35	264	0.11	329.58	12	0.55	276	0.10	521.59
OTO	23	0.67	121	0.05	1378.23	12	0.55	129	0.05	1115.95
PAR	23	0.67	276	0.11	604.22	13	0.59	436	0.17	357.69
PAT	31	0.90	1877	0.75	119.75	16	0.73	2539	0.97	75.60
PED	68	1.97	318	0.13	1550.46	86	3.92	435	0.17	2371.72
PHA	259	7.50	40011	15.98	46.94	200	9.12	45107	17.15	53.19
PHY	39	1.13	2866	1.14	98.67	33	1.50	3281	1.25	120.66
PLA	10	0.29	2866	1.14	25.30	4	0.18	3281	1.25	14.63
PLP	25	0.72	792	0.32	228.87	24	1.09	557	0.21	516.90
PSY	20	0.58	5282	2.11	27.45	14	0.64	8835	3.36	19.01
PUH	44	1.27	6986	2.79	45.67	25	1.14	6001	2.28	49.98
RAD	107	3.10	3566	1.42	217.56	72	3.28	4276	1.63	202.00
REH	3	0.09	3295	1.32	6.60	0	0.00	3185	1.21	0.00
RES	13	0.38	10921	4.36	8.63	7	0.32	10172	3.87	8.26
RHE	4	0.12	1993	0.80	14.55	10	0.46	2337	0.89	51.33
SOC	2	0.06	6986	2.79	2.08	1	0.05	6001	2.28	2.00
SUB	2	0.06	787	0.31	18.43	1	0.05	1002	0.38	11.97
SUR	45	1.30	26452	10.57	12.33	45	2.05	21730	8.26	24.84
TOX	17	0.49	4112	1.64	29.98	11	0.50	14679	5.58	8.99
TRO	21	0.61	51	0.02	2985.57	10	0.46	58	0.02	2068.36
URO	14	0.41	332	0.13	305.75	49	2.23	294	0.11	1999.41
VET	9	0.26	245	0.10	266.35	2	0.09	239	0.09	100.39
VIR	4	0.12	1695	0.68	17.11	8	0.36	2120	0.81	45.27
ZOO	8	0.23	1465	0.59	39.59	0	0.00	1896	0.72	0.00
TOTAL	3453	100	250366	100		2193	100	263080	100	

SUBJECTS CODE

ACO	ACOUSTICS	MEL	MEDICINE LABORATORY
ALL	ALLERGY	MEM	MEDICINE MISC.
ANA	ANATOMY	MER	MEDICAL RESEARCH
AND	ANDROLOGY	MIC	MICROBIOLOGY
ANE	ANAESTHESIA	MLE	JURISPRUDENCE
ANT	ANTHROPOLOGY /MED	MUL	MULTI DISCIPLINARY
BEH	BEHAVIOUR	MYC	MYCOLOGY
BIC	BIOCHEMISTRY	NEU	NEUROLOGY
BIM	BIOCHEMISTRY, MOLECULAR BIOLOGY	NUC	DIAGNOSTIC IMAGING
BIO	BIOLOGY	NUT	NUTRITION
BIP	BIOPHYSICS	OBS	OBSTET & GYNAECOL
BIT	BIOTECHNOLOGY	ONC	ONCOLOGY
CAR	CARDIOLOGY	OPH	OPHTHALMOLOGY
CHM	CHEMISTRY/PHARMACOLOGY	ORT	ORTHOPAEDICS
COD	COMMUNICABLE DISEASE	OTO	OTOLARYNGOLOGY
COM	DIAGNOSIS	PAR	PARASITOLOGY
CYT	CYTOLOGY	PAT	PATHOLOGY
DEB	DEVELOPMENTAL BIOLOGY	PED	PAEDIATRICS
DEN	DENTISTRY	PHA	PHARMACOLOGY
DER	DERMATOLOGY	PHY	PHYSIOLOGY
DEV	DERMATOLOGY /VENEROLOGY	PLA	PLANT/CHEMISTRY
EMB	EMBRYOLOGY	PLP	PLANT/PHARMACOL
END	ENDOCRINOLOGY	PSY	PSYCHIATRY
ENV	ENVIRONMENT	PUH	PUBLIC HEALTH
EPI	EPIDEMIOLOGY	RAD	RADIOLOGY
ERG	ERGONOMICS	REH	REHABILITATION
FOD	FOOD SCIENCE	RES	RESPIRATORY SYSTEM
GAS	GASTROENTEROLOGY	RHE	RHEUMATOLOGY
GEN	GENETICS	SOC	SOCIAL SCIENCE/MED
GER	GERIATRICS	SUB	SUBSTANCE ABUSE
HEM	HAEMATOLOGY	SUR	SURGERY
IMM	IMMUNOLOGY	TOX	TOXICOLOGY
INF	MEDICAL INFORMATICS	TRO	TROPICAL MEDICINE
IOR	INSTRUM/OTORHINO/RESP SYS	URO	UROLOGY
MAL	MALARIA	VET	VETERINARY MEDICINE
MAT	MATERIALS/BIO	VIR	VIROLOGY
MEG	MEDICINE GENERAL	ZOO	ZOOLOGY

AI, Activity Index, computed as : $\text{India (\%)/World (\%)} \times 100$

TABLE - 2
PUBLISHING JOURNAL PROFILE BY DESCENDING ORDER OF IMPACT FACTOR
EXCERPTA MEDICA

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
NEW ENGL J MED	24.455	2	0.058	0	0.000
NATURE	22.139	0	0.000	2	0.091
IMMUNOL TODAY	20.274	1	0.029	0	0.000
LANCET	15.940	25	0.724	17	0.775
PROC NATL ACAD SCI USA	10.480	1	0.029	3	0.137
ANN INTERN MED	10.217	2	0.058	0	0.000
AM J MED GENET	9.076	2	0.058	5	0.228
AM J HUM GENET	9.067	0	0.000	1	0.046
ARCH GEN PSYCHIATRY	8.227	0	0.000	1	0.046
BLOOD	8.061	0	0.000	1	0.046
J NATL CANCER INST	7.349	1	0.029	0	0.000
J BIOL CHEM	6.733	5	0.145	8	0.365
J IMMUNOL	6.723	0	0.000	3	0.137
ANN NEUROL	6.320	1	0.029	0	0.000
J CLIN ONCOL	6.137	0	0.000	1	0.046
AIDS	6.089	0	0.000	1	0.046
CLIN EXP IMMUNOL	6.089	2	0.058	2	0.091
GASTROENTEROLOGY	5.919	1	0.029	0	0.000
J VIROL	5.696	1	0.029	0	0.000
ARTHRITIS RHEUM	5.585	1	0.029	0	0.000
J INFECT DIS	5.499	1	0.029	0	0.000
DNA CELL BIOL	5.385	0	0.000	1	0.046
J AM CHEM SOC	5.298	3	0.087	0	0.000
DIABETOLOGIA	5.261	1	0.029	0	0.000
J MOL BIOL	5.253	1	0.029	6	0.274
BIOCHEMISTRY	5.196	0	0.000	4	0.182
BIOPOLYMERS	5.196	5	0.145	2	0.091
BIOSCI REP	5.196	1	0.029	2	0.091
EUR J BIOCHEM	5.196	1	0.029	3	0.137
AM REV RESPIR DIS	5.172	1	0.029	0	0.000
BIOPHYS J	4.945	1	0.029	0	0.000
EUR J IMMUNOL	4.934	0	0.000	2	0.091
MEDICINE	4.794	0	0.000	1	0.046
JPN J EXP MED	4.674	5	0.145	0	0.000
J BIOENERG BIOMEMBRANES	4.587	1	0.029	0	0.000
FEMS MICROBIOL REV	4.530	0	0.000	1	0.046
NEUROLOGY	4.355	1	0.029	0	0.000
BR MED J	4.338	11	0.319	7	0.319
NEUROSCIENCE	4.324	1	0.029	0	0.000
J NEUROCHEM	4.215	1	0.029	2	0.091
FREE RADIC BIOL MED	4.169	2	0.058	2	0.091
J ACQUIRED IMMUNE DEFIC SYNDR	4.125	2	0.058	0	0.000
HEPATOLOGY	4.073	0	0.000	1	0.046
J PATHOL	4.073	1	0.029	0	0.000
CHEM RES TOXICOL	4.064	0	0.000	1	0.046
DIABETES CARE	4.026	2	0.058	1	0.046
ANN SURG	3.803	0	0.000	1	0.046
J MED CHEM	3.803	3	0.087	1	0.046
DEV BIOL	3.779	0	0.000	1	0.046

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
BIOCHEM J	3.716	3	0.087	7	0.319
J BACTERIOL	3.702	1	0.029	5	0.228
J CELL BIOCHEM	3.659	1	0.029	0	0.000
J NUCL MED	3.620	1	0.029	0	0.000
BIOCHEM BIOPHYS RES COMMUN	3.583	21	0.608	13	0.593
ARCH NEUROL	3.517	1	0.029	0	0.000
ANESTHESIOLOGY	3.437	0	0.000	1	0.046
INFECT IMMUN	3.427	2	0.058	4	0.182
PROTEIN ENG	3.392	1	0.029	2	0.091
EUR J PHARMACOL	3.370	41	1.187	2	0.091
GASTROINTEST ENDOSC	3.313	3	0.087	2	0.091
RADIOLOGY	3.307	1	0.029	0	0.000
J GEN VIROL	3.300	0	0.000	2	0.091
NUCLEIC ACIDS RES	3.294	3	0.087	4	0.182
BIOL REPROD	3.257	2	0.058	1	0.046
J CLIN MICROBIOL	3.234	0	0.000	2	0.091
CRIT REV MICROBIOL	3.158	0	0.000	1	0.046
AM J EPIDEMIOL	3.135	1	0.029	0	0.000
MOL BIOCHEM PARASITOL	3.069	0	0.000	2	0.091
PROC R SOC LONDON B BIOL SCI	3.039	1	0.029	1	0.046
J ORG CHEM	3.029	6	0.174	1	0.046
J CELL PHYSIOL	3.020	0	0.000	1	0.046
AM J CLIN NUTR	3.008	1	0.029	0	0.000
GUT	2.991	5	0.145	1	0.046
CARCINOGENESIS	2.984	2	0.058	1	0.046
ANTIMICROB AGENTS CHEMOTHER	2.950	1	0.029	1	0.046
MOL GEN GENET	2.941	1	0.029	0	0.000
INT J CANCER	2.917	2	0.058	3	0.137
SEX TRANSM DIS	2.902	0	0.000	1	0.046
HUM GENET	2.877	1	0.029	0	0.000
IMMUNOLOGY	2.867	1	0.029	0	0.000
NEUROENDOCRINOL LETT	2.841	1	0.029	0	0.000
TRANSPLANT PROC	2.841	2	0.058	3	0.137
TRANSPLANTATION	2.841	2	0.058	5	0.228
EXP CELL RES	2.839	0	0.000	1	0.046
APPL ENVIRON MICROBIOL	2.801	1	0.029	6	0.274
ARCH MICROBIOL	2.801	3	0.087	2	0.091
TETRAHEDRON ASYMMETRY	2.801	1	0.029	6	0.274
PSYCHOPHARMACOLOGY	2.769	1	0.029	0	0.000
EPILEPSIA	2.707	1	0.029	1	0.046
J NEUROL NEUROSURG PSYCHIATRY	2.696	3	0.087	1	0.046
REV INFECT DIS	2.648	1	0.029	0	0.000
BIOTECHNIQUES	2.643	0	0.000	3	0.137
CHROMOSOMA	2.633	1	0.029	1	0.046
J HERED	2.633	3	0.087	1	0.046
J ENDOCRINOL	2.623	2	0.058	2	0.091
BIOCHIM BIOPHYS ACTA BIOMEMBR	2.610	4	0.116	0	0.000
BIOCHIM BIOPHYS ACTA GEN SUBJ	2.610	2	0.058	3	0.137
BIOCHIM BIOPHYS ACTA LIPIDS LIPID METAB	2.610	0	0.000	2	0.091
BIOCHIM BIOPHYS ACTA PROTEIN STRUCT MOL ENZYMOL	2.610	3	0.087	6	0.274
J THORAC CARDIOVASC SURG	2.593	1	0.029	4	0.182
BIOL PSYCHIATRY	2.570	0	0.000	5	0.228
GENE	2.569	1	0.029	6	0.274

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
J NEUROSURG	2.515	0	0.000	5	0.228
J CHEM SOC SER CHEM COMMUN	2.511	4	0.116	4	0.182
BR J RHEUMATOL	2.468	0	0.000	2	0.091
ARCH BIOCHEM BIOPHYS	2.435	4	0.116	3	0.137
FEBS LETT	2.435	3	0.087	8	0.365
NEUROSCI LETT	2.419	4	0.116	2	0.091
THORAX	2.412	1	0.029	1	0.046
J NEUROL SCI	2.385	1	0.029	3	0.137
CLIN EXP ALLERGY	2.384	3	0.087	0	0.000
SOMATIC CELL MOL GENET	2.374	2	0.058	0	0.000
TETRAHEDRON LETT	2.321	45	1.303	47	2.143
J ANTIMICROB CHEMOTHER	2.313	1	0.029	2	0.091
BR J PSYCHIATRY	2.309	9	0.261	2	0.091
CLIN IMMUNOL IMMUNOPATHOL	2.307	2	0.058	0	0.000
BIOSENS BIOELECTRON	2.295	0	0.000	3	0.137
CANCER	2.271	4	0.116	4	0.182
J AM ACAD CHILD ADOLESC PSYCHIATRY	2.260	0	0.000	1	0.046
CHEM BIOL INTERACT	2.230	2	0.058	0	0.000
J REPROD FERTIL	2.211	2	0.058	1	0.046
AM J OPHTHALMOL	2.208	0	0.000	1	0.046
DIFFERENTIATION	2.206	0	0.000	1	0.046
EUR J CANCER PART A GEN TOP	2.191	0	0.000	2	0.091
EUR J CANCER PART B ORAL ONCOL	2.191	0	0.000	1	0.046
BR HEART J	2.188	1	0.029	0	0.000
VISION RES	2.173	1	0.029	0	0.000
AM J SURG	2.168	0	0.000	1	0.046
CURR OPIN IMMUNOL	2.159	0	0.000	1	0.046
ELECTROPHORESIS	2.159	0	0.000	1	0.046
ANESTH ANALG	2.155	0	0.000	3	0.137
REGUL PEPT	2.154	0	0.000	1	0.046
OPHTHALMOLOGY	2.142	0	0.000	1	0.046
ANAL BIOCHEM	2.139	3	0.087	3	0.137
J MED GENET	2.135	2	0.058	1	0.046
ARCH DERMATOL	2.129	3	0.087	1	0.046
BIOCHEM PHARMACOL	2.129	12	0.348	3	0.137
CELL IMMUNOL	2.127	0	0.000	1	0.046
CANCER GENET CYTOGENET	2.126	4	0.116	2	0.091
INT J RADIAT ONCOL BIOL PHYS	2.118	0	0.000	3	0.137
MOV DISORD	2.112	1	0.029	0	0.000
CLIN CHEM	2.098	1	0.029	0	0.000
PROSTATE	2.062	1	0.029	1	0.046
ANAESTHESIA	2.058	5	0.145	4	0.182
LIFE SCI	2.053	6	0.174	1	0.046
AM J CLIN PATHOL	2.042	1	0.029	0	0.000
J CLIN PATHOL	2.035	3	0.087	1	0.046
J GEN MICROBIOL	2.034	6	0.174	0	0.000
ANAL CHIM ACTA	2.033	7	0.203	5	0.228
ARCH OPHTHALMOL	2.007	1	0.029	1	0.046
INT J RADIAT BIOL	2.006	1	0.029	0	0.000
MOL REPROD DEV	2.003	0	0.000	3	0.137
PROG LIPID RES	2.000	1	0.029	0	0.000
BR J ANAESTH	1.996	0	0.000	1	0.046
EUR J CLIN INVEST	1.990	0	0.000	1	0.046
VOX SANG	1.989	0	0.000	1	0.046

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
AM J OBSTET GYNECOL	1.982	1	0.029	0	0.000
BIOTECHNOL BIOENG	1.979	2	0.058	1	0.046
NEUROSCI RES	1.978	0	0.000	1	0.046
FERTIL STERIL	1.970	1	0.029	0	0.000
SCHIZOPHR RES	1.970	2	0.058	0	0.000
J CHROMATOGR SCI	1.969	2	0.058	0	0.000
MUTAGENESIS	1.964	2	0.058	2	0.091
J CHROMATOGR	1.958	8	0.232	0	0.000
J CHROMATOGR A	1.958	0	0.000	4	0.182
J CONTROL RELEASE	1.939	2	0.058	0	0.000
CALCIF TISSUE INT	1.931	2	0.058	0	0.000
PARASITE IMMUNOL	1.929	0	0.000	1	0.046
J BIOMED MATER RES	1.926	3	0.087	0	0.000
VACCINE	1.920	4	0.116	3	0.137
SYST APPL MICROBIOL	1.911	1	0.029	0	0.000
J UROL	1.910	4	0.116	5	0.228
AM J TROP MED HYG	1.900	0	0.000	2	0.091
INT J PEPT PROTEIN RES	1.894	6	0.174	4	0.182
EUR J NUCL MED	1.856	1	0.029	0	0.000
SURGERY	1.856	1	0.029	1	0.046
NEUROCHEM INT	1.855	0	0.000	3	0.137
BEHAV BRAIN RES	1.854	1	0.029	0	0.000
PARASITOLOGY	1.847	1	0.029	1	0.046
AM J KIDNEY DIS	1.841	0	0.000	1	0.046
AM J ROENTGENOL	1.841	3	0.087	2	0.091
AUSTRALAS RADIOL	1.841	4	0.116	6	0.274
CLIN RADIOL	1.841	4	0.116	2	0.091
RES MICROBIOL	1.840	0	0.000	1	0.046
ANN RHEUM DIS	1.836	1	0.029	0	0.000
EXP PARASITOL	1.834	0	0.000	1	0.046
ANTI CANCER DRUGS	1.831	0	0.000	2	0.091
TETRAHEDRON	1.830	8	0.232	38	1.733
J CANCER RES CLIN ONCOL	1.820	2	0.058	1	0.046
FEMS MICROBIOL ECOL	1.813	1	0.029	0	0.000
PHARM RES	1.810	1	0.029	0	0.000
NEUROPEPTIDES	1.797	0	0.000	1	0.046
RADIAT RES	1.792	2	0.058	1	0.046
J PHOTOCHEM PHOTOBIO B BIOL	1.791	0	0.000	1	0.046
CRIT CARE MED	1.790	1	0.029	0	0.000
AM J DIS CHILD	1.789	1	0.029	0	0.000
BR J SURG	1.788	5	0.145	3	0.137
J BIOMOL STRUCT DYN	1.788	1	0.029	1	0.046
J AFFECT DISORD	1.760	0	0.000	1	0.046
BLUT	1.747	1	0.029	0	0.000
BR J CLIN PHARMACOL	1.733	0	0.000	1	0.046
BREAST CANCER RES TREAT	1.731	0	0.000	2	0.091
J AM ACAD DERMATOL	1.712	1	0.029	0	0.000
INT J BIOL MACROMOL	1.685	2	0.058	1	0.046
OBSTET GYNECOL	1.671	0	0.000	2	0.091
J CLIN EPIDEMIOLOG	1.669	0	0.000	1	0.046
PHARMACOL BIOCHEM BEHAV	1.657	0	0.000	3	0.137
GENET RES	1.652	1	0.029	0	0.000
HISTOPATHOLOGY	1.609	0	0.000	1	0.046
J EPIDEMIOLOG COMMUN HEALTH	1.608	2	0.058	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
SYNTHESIS	1.608	3	0.087	2	0.091
CHEMOMETR INTELL LAB SYST	1.599	0	0.000	1	0.046
WATER RES	1.594	5	0.145	3	0.137
DIG DIS SCI	1.589	0	0.000	1	0.046
ANALYST	1.588	11	0.319	0	0.000
MED MICROBIOL IMMUNOL	1.587	1	0.029	0	0.000
PEDIATR INFECT DIS J	1.580	1	0.029	1	0.046
BR J OBSTET GYNAECOL	1.576	4	0.116	2	0.091
CHROMATOGRAPHIA	1.573	0	0.000	1	0.046
MECH AGEING DEV	1.571	2	0.058	2	0.091
NEUROTOXICOL TERATOL	1.571	0	0.000	2	0.091
ANAT REC	1.569	1	0.029	0	0.000
J EXP PATHOL GBR	1.568	1	0.029	0	0.000
CANCER IMMUNOL IMMUNOTHER	1.564	1	0.029	0	0.000
J MED MICROBIOL	1.561	5	0.145	3	0.137
IMMUNOL LETT	1.559	3	0.087	0	0.000
LIPIDS	1.554	1	0.029	0	0.000
NEUROSURGERY	1.554	3	0.087	1	0.046
GENOME	1.537	1	0.029	0	0.000
AM J GASTROENTEROL	1.528	15	0.434	1	0.046
AM HEART J	1.526	7	0.203	6	0.274
AM J CARDIOL	1.526	2	0.058	1	0.046
PESTIC BIOCHEM PHYSIOL	1.526	1	0.029	0	0.000
INT J EPIDEMIOL	1.514	3	0.087	0	0.000
CHEM PHYS LIPIDS	1.512	1	0.029	0	0.000
J BIOTECHNOL	1.511	2	0.058	4	0.182
CARBOHYDR RES	1.506	0	0.000	5	0.228
AM J HEMATOL	1.501	1	0.029	1	0.046
J APPL BACTERIOL	1.497	0	0.000	4	0.182
STERIODS	1.497	1	0.029	1	0.046
EUR RESPIR J	1.495	0	0.000	2	0.091
NUTR CANCER	1.495	2	0.058	2	0.091
REPROD FERTIL DEV	1.493	0	0.000	1	0.046
EXPERIENTIA	1.492	6	0.174	4	0.182
ANN THORAC SURG	1.483	3	0.087	6	0.274
LEUK RES	1.479	1	0.029	1	0.046
CHEST	1.477	4	0.116	1	0.046
ARCH DIS CHILD	1.474	0	0.000	2	0.091
BIOCHEM CELL BIOL	1.473	1	0.029	0	0.000
J VIROL METHODS	1.470	0	0.000	1	0.046
EPIDEMIOL INFECT	1.465	0	0.000	1	0.046
PROC SOC EXP BIOL MED	1.465	1	0.029	0	0.000
AM J PHYS ANTHROPOL	1.456	3	0.087	0	0.000
PLACENTA	1.454	1	0.029	0	0.000
BULL WHO	1.450	1	0.029	3	0.137
TOXICON	1.444	4	0.116	4	0.182
J REPROD IMMUNOL	1.442	0	0.000	1	0.046
DIGESTION	1.441	2	0.058	0	0.000
J MOL GRAPH	1.433	0	0.000	1	0.046
NEUROCHEM RES	1.432	2	0.058	0	0.000
GYNECOL ONCOL	1.423	1	0.029	0	0.000
NEPHRON	1.418	1	0.029	6	0.274
J NERV MENT DIS	1.407	0	0.000	1	0.046
BR J IND MED	1.401	1	0.029	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
J LIPID MEDIATORS	1.394	1	0.029	0	0.000
IMMUNOBIOLOGY	1.379	0	0.000	1	0.046
MOL CELL BIOCHEM	1.377	7	0.203	10	0.456
ARCH TOXICOL	1.370	4	0.116	0	0.000
DRUG DEV RES	1.364	1	0.029	2	0.091
EUR J HAEMATOL	1.364	1	0.029	0	0.000
WORLD J SURG	1.364	0	0.000	1	0.046
J INORG BIOCHEM	1.361	7	0.203	5	0.228
J NUTR BIOCHEM	1.360	1	0.029	1	0.046
ATMOS ENVIRON	1.358	0	0.000	2	0.091
ATMOS ENVIRON PART A GEN TOP	1.358	11	0.319	0	0.000
AURIS NASUS LARYNX	1.358	1	0.029	0	0.000
CELL STRUCT FUNCT	1.351	0	0.000	1	0.046
J INFECT	1.350	2	0.058	2	0.091
J CARBOHYDR CHEM	1.348	1	0.029	0	0.000
J COMP PHYSIOL B BIOCHEM SYST ENVIRON PH	1.344	1	0.029	0	0.000
PATHOBIOLOGY	1.342	0	0.000	1	0.046
J BONE JT SURG SER A	1.336	3	0.087	4	0.182
FEMS MICROBIOL LETT	1.334	12	0.348	12	0.547
J PROTEIN CHEM	1.329	3	0.087	0	0.000
HUM REPROD	1.328	1	0.029	4	0.182
ENZYME MICROB TECHNOL	1.315	8	0.232	9	0.410
ONCOLOGY SWITZERLAND	1.312	5	0.145	0	0.000
DIABETIC MED	1.306	2	0.058	0	0.000
J NAT PROD LLOYDIA	1.303	9	0.261	4	0.182
ACTA PSYCHIATR SCAND	1.300	1	0.029	2	0.091
GEN HOSP PSYCHIATRY	1.300	1	0.029	1	0.046
INT J LEPR	1.295	16	0.463	5	0.228
THROMB RES	1.293	1	0.029	0	0.000
CLIN GENET	1.288	1	0.029	0	0.000
TRANS R SOC TROP MED HYG	1.287	10	0.290	4	0.182
BIOMATERIALS	1.280	2	0.058	1	0.046
CELL BIOL INT	1.274	0	0.000	1	0.046
J EXP ZOOL	1.263	1	0.029	0	0.000
J GASTROENTEROL HEPATOL	1.261	8	0.232	4	0.182
BR J ADDICT	1.260	1	0.029	0	0.000
PHYSIOL BEHAV	1.260	2	0.058	2	0.091
J STEROID BIOCHEM MOL BIOL	1.259	2	0.058	2	0.091
ENVIRON RES	1.257	0	0.000	1	0.046
AM J NEPHROL	1.241	1	0.029	0	0.000
APPL MICROBIOL BIOTECHNOL	1.237	8	0.232	3	0.137
J TRAUMA	1.230	2	0.058	0	0.000
BIOELECTROCHEM BIOENERG	1.227	2	0.058	2	0.091
CAN J ANAESTH	1.227	1	0.029	3	0.137
ARCH ENVIRON CONTAM TOXICOL	1.221	2	0.058	4	0.182
J PHARM SCI	1.221	1	0.029	2	0.091
BIOORG MED CHEM LETT	1.217	0	0.000	6	0.274
J LIQ CHROMATOGR	1.214	4	0.116	1	0.046
ENVIRON HEALTH PERSPECT	1.213	1	0.029	0	0.000
FRESENIUS' J ANAL CHEM	1.213	11	0.319	0	0.000
CHEMOSPHERE	1.211	3	0.087	4	0.182
J COMPUT ASSISTED TOMOGRAPHY	1.209	1	0.029	0	0.000
ARCH PATHOL LAB MED	1.206	0	0.000	1	0.046
GENITOURIN MED	1.205	2	0.058	1	0.046

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
AM J IND MED	1.191	1	0.029	0	0.000
J ACOUST SOC AM	1.186	4	0.116	3	0.137
VET MICROBIOL	1.186	0	0.000	1	0.046
AQUAT TOXICOL	1.183	1	0.029	0	0.000
TOXICOLOGY	1.182	0	0.000	2	0.091
NEPHROL DIAL TRANSPLANT	1.181	0	0.000	3	0.137
SURG GYNECOL OBSTET	1.178	1	0.029	0	0.000
J ELECTRON MICROSC TECH	1.176	1	0.029	0	0.000
J THEOR BIOL	1.174	2	0.058	3	0.137
ENVIRON POLLUT	1.160	6	0.174	6	0.274
J TOXICOL ENVIRON HEALTH	1.153	0	0.000	1	0.046
PLAST RECONSTR SURG	1.139	3	0.087	4	0.182
CANCER LETT	1.137	9	0.261	9	0.410
DIS COLON RECTUM	1.133	1	0.029	0	0.000
INT J HYPERTHERMIA	1.131	2	0.058	0	0.000
J MEMBR SCI	1.127	5	0.145	5	0.228
VET REC	1.126	1	0.029	1	0.046
ACTA NEUROL SCAND	1.122	3	0.087	4	0.182
BRAIN RES	1.122	1	0.029	1	0.046
PEDIATR NEPHROL	1.118	0	0.000	1	0.046
PHYS MED BIOL	1.117	2	0.058	0	0.000
BIOTECHNOL LETT	1.110	3	0.087	10	0.456
CLIN BIOCHEM	1.108	1	0.029	0	0.000
J MICRONUTR ANAL	1.100	1	0.029	0	0.000
CHEM PHARM BULL	1.098	0	0.000	3	0.137
J MICROBIOL METHODS	1.098	0	0.000	2	0.091
BR J OPHTHALMOL	1.096	0	0.000	1	0.046
INT J IMMUNOPHARM	1.093	2	0.058	0	0.000
J NEURAL TRANSM	1.091	1	0.029	0	0.000
CARDIOVASC DRUGS THER	1.089	0	0.000	3	0.137
DEV GROWTH DIFFER	1.088	1	0.029	1	0.046
INT J ANDROLOGY	1.088	2	0.058	0	0.000
RHEUMATOL INT	1.083	0	0.000	3	0.137
BIOTECHNOL APPL BIOCHEM	1.082	5	0.145	0	0.000
BIOMED CHROMATOGR	1.080	1	0.029	2	0.091
J ENVIRON ENG	1.080	0	0.000	1	0.046
PLANTA MED	1.078	5	0.145	5	0.228
TUBERCLE	1.078	7	0.203	0	0.000
PROSTAGLANDINS LEUKOTRIENES ESSENT FATTY	1.075	1	0.029	3	0.137
GERONTOLOGY	1.074	3	0.087	5	0.228
VET IMMUNOL IMMUNOPATHOL	1.074	0	0.000	1	0.046
AMBIO	1.071	2	0.058	0	0.000
ARCH DERMATOL RES	1.070	1	0.029	0	0.000
INT J FOOD MICROBIOL	1.069	1	0.029	0	0.000
ANN ALLERGY	1.068	2	0.058	0	0.000
CAN J CHEM	1.068	0	0.000	1	0.046
TUMOR BIOL	1.068	0	0.000	2	0.091
ANAL INSTRUM	1.067	1	0.029	0	0.000
DIAGN MICROBIOL INFECT DIS	1.064	0	0.000	1	0.046
J CHROMATOGR BIOMED APPL	1.058	1	0.029	3	0.137
AUTOIMMUNITY	1.053	1	0.029	0	0.000
ANTONIE VAN LEEUWENHOEK INT J GEN MOL MI	1.051	1	0.029	0	0.000
NEURORADIOLOGY	1.051	2	0.058	3	0.137
J PHARM PHARMACOL	1.048	0	0.000	1	0.046

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
INT J PARASITOL	1.045	4	0.116	1	0.046
SCAND J INFECT DIS	1.043	2	0.058	0	0.000
LETT APPL MICROBIOL	1.042	3	0.087	8	0.365
XENOBIOTICA	1.040	1	0.029	0	0.000
AGENTS ACTIONS	1.037	1	0.029	2	0.091
IMMUNOL INVESTIG	1.033	2	0.058	0	0.000
INT ARCH OCCUP ENVIRON HEALTH	1.032	0	0.000	1	0.046
J BIOMECH	1.020	1	0.029	0	0.000
ARCH INT PHARMACODYN THER	1.010	2	0.058	0	0.000
CAN J MICROBIOL	1.006	5	0.145	1	0.046
ACTA TROP	1.002	0	0.000	3	0.137
LARYNGOSCOPE	1.002	1	0.029	0	0.000
ANAL LETT	1.000	8	0.232	0	0.000
AUST NEW ZEALAND J MED	1.000	2	0.058	0	0.000
AUST NEW ZEALAND J OBSTET GYNAECOL	1.000	3	0.087	2	0.091
AUST NEW ZEALAND J SURG	1.000	5	0.145	3	0.137
J PINEAL RES	1.000	1	0.029	0	0.000
PHARMACOLOGY	0.994	1	0.029	0	0.000
SCAND J GASTROENTEROL	0.993	0	0.000	1	0.046
PHARMACOL TOXICOL	0.992	1	0.029	2	0.091
J PROTOZOOL	0.981	3	0.087	0	0.000
ALLERGY	0.974	2	0.058	0	0.000
CLIN EXP PHARMACOL PHYSIOL	0.970	1	0.029	1	0.046
ENDOCR RES	0.966	1	0.029	1	0.046
GEN COMP ENDOCRINOL	0.966	7	0.203	3	0.137
CATHETER CARDIOVASC DIAGN	0.962	3	0.087	1	0.046
EUR J PEDIATR	0.961	0	0.000	1	0.046
CLIN CHIM ACTA	0.956	3	0.087	1	0.046
IEEE TRANS BIOMED ENG	0.952	2	0.058	0	0.000
INT J ORAL MAXILLOFAC SURG	0.950	1	0.029	0	0.000
NEUROEPIDEMIOLOGY	0.949	1	0.029	2	0.091
PROG NEURO PSYCHOPHARMACOL BIOL PSYCHIAT	0.946	1	0.029	0	0.000
ACTA ANAESTHESIOL SCAND	0.944	1	0.029	0	0.000
ARCH OTOLARYNGOL HEAD NECK SURG	0.940	1	0.029	1	0.046
CURR MICROBIOL	0.940	8	0.232	7	0.319
JPN J PHYSIOL	0.939	1	0.029	0	0.000
REG ANESTH	0.938	0	0.000	1	0.046
AGE	0.935	1	0.029	0	0.000
TISSUE CELL	0.935	1	0.029	0	0.000
J OCCUP ACCIDENTS	0.929	1	0.029	0	0.000
PARASITOL RES	0.928	1	0.029	0	0.000
J ANAT	0.926	1	0.029	0	0.000
J BIOCHEM BIOPHYS METHODS	0.921	3	0.087	0	0.000
WATER SCI TECHNOL	0.916	3	0.087	0	0.000
J HOSP INFECT	0.909	2	0.058	0	0.000
LEPR REV	0.908	13	0.376	9	0.410
IMMUNOL CELL BIOL	0.903	1	0.029	2	0.091
EXP MOL PATHOL	0.900	3	0.087	0	0.000
HYBRIDOMA	0.897	0	0.000	5	0.228
EUR ARCH PSYCHIATRY NEUROL SCI	0.895	1	0.029	0	0.000
EUROP J CLIN NUTR	0.895	3	0.087	0	0.000
J CLIN GASTROENTEROL	0.890	5	0.145	1	0.046
J PEDIATR SURG	0.890	1	0.029	3	0.137
INT ARCH ALLERGY APPL IMMUNOL	0.886	1	0.029	3	0.137

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
CONTRACEPTION	0.883	11	0.319	7	0.319
BULL CHEM SOC JPN	0.876	9	0.261	2	0.091
MAR POLLUT BULL	0.872	2	0.058	0	0.000
INT J PHARM	0.870	4	0.116	3	0.137
INT J PHARMACOGN	0.870	0	0.000	13	0.593
J MED VET MYCOL	0.869	4	0.116	0	0.000
APMIS	0.868	1	0.029	0	0.000
INT J ARTIF ORGANS	0.868	1	0.029	0	0.000
J INVERTEBR PATHOL	0.867	2	0.058	0	0.000
J FERMENT BIOENG	0.861	5	0.145	1	0.046
FOOD CHEM TOXICOL	0.857	2	0.058	4	0.182
J AM COLL NUTR	0.856	1	0.029	1	0.046
ACTA DERM VENEREOL	0.855	1	0.029	1	0.046
NUCL MED BIOL INT J RADIAT APPL INSTRUM	0.853	3	0.087	4	0.182
HORM RES	0.848	1	0.029	1	0.046
SELECT CANCER THER	0.846	1	0.029	0	0.000
J ULTRASOUND MED	0.844	1	0.029	0	0.000
MICROBIOL IMMUNOL	0.836	1	0.029	2	0.091
J CATARACT REFRACTIVE SURG	0.833	0	0.000	4	0.182
ANN NEW YORK ACAD SCI	0.830	1	0.029	1	0.046
ACTA PAEDIATR INT J PAEDIATR	0.827	0	0.000	6	0.274
ACTA PAEDIATR SCAND	0.827	3	0.087	0	0.000
SERODIAGN IMMUNOTHER INFECT DIS	0.823	2	0.058	2	0.091
ACTA NEUROCHIR	0.822	5	0.145	2	0.091
ARCH HISTOL CYTOL	0.819	1	0.029	0	0.000
ZENTRALBL BAKTERIOL	0.819	2	0.058	0	0.000
ANAESTH INTENSIVE CARE	0.817	2	0.058	4	0.182
CONTACT DERMATITIS	0.817	6	0.174	3	0.137
J IMMUNOASSAY	0.817	2	0.058	1	0.046
J BIOMECH ENG	0.816	1	0.029	0	0.000
NUTRITION	0.816	1	0.029	2	0.091
RADIAT ENVIRON BIOPHYS	0.811	0	0.000	1	0.046
APPL BIOCHEM BIOTECHNOL	0.808	1	0.029	0	0.000
LIVER	0.808	0	0.000	1	0.046
COMPUT BIOMED RES	0.792	0	0.000	1	0.046
J PARASITOL	0.781	1	0.029	1	0.046
TRACE ELEM MED	0.781	3	0.087	0	0.000
HEAD NECK	0.778	0	0.000	1	0.046
TOXICOL LETT	0.774	1	0.029	1	0.046
EYE	0.772	0	0.000	1	0.046
BIOL TRACE ELEM RES	0.769	1	0.029	3	0.137
BIOG AMINES	0.759	2	0.058	4	0.182
INT J CLIN PHARMACOL THER TOXICOL	0.756	2	0.058	2	0.091
ANN GENET	0.755	2	0.058	0	0.000
COMBUST FLAME	0.755	2	0.058	2	0.091
TROP MED PARASITOL	0.755	13	0.376	0	0.000
J IND MICROBIOL	0.753	0	0.000	1	0.046
J MED PRIMATOL	0.750	1	0.029	0	0.000
J TOXICOL TOXIN REV	0.750	0	0.000	1	0.046
MED BIOL ENG COMPUT	0.750	1	0.029	1	0.046
INT J EXP PATHOL	0.748	1	0.029	0	0.000
J APPL TOXICOL	0.748	3	0.087	1	0.046
NEW ZEALAND MED J	0.748	2	0.058	0	0.000
INT J BIO MED COMPUT	0.740	1	0.029	2	0.091

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
HUM HERED	0.737	1	0.029	2	0.091
ANN NUTR METAB	0.724	2	0.058	1	0.046
BIOCHEM GENET	0.724	1	0.029	1	0.046
CANCER INVEST	0.723	0	0.000	1	0.046
EUR J DRUG METAB PHARMACOKINET	0.723	0	0.000	1	0.046
HORM METAB RES	0.721	1	0.029	1	0.046
NUCLEOSIDES NUCLEOTIDES	0.721	2	0.058	4	0.182
ACTA CYTOL	0.720	10	0.290	9	0.410
INFECTION	0.720	0	0.000	2	0.091
OPHTHALMIC RES	0.718	0	0.000	1	0.046
ACTA CHIR SCAND	0.716	2	0.058	0	0.000
SYNTH COMMUN	0.716	0	0.000	23	1.049
SURG NEUROL	0.714	0	0.000	3	0.137
ANN OTOL RHINOL LARYNGOL	0.710	1	0.029	0	0.000
LUNG	0.710	0	0.000	1	0.046
PHARMACOL RES	0.702	3	0.087	1	0.046
ULTRASONICS	0.701	1	0.029	0	0.000
BIOCHEM INT	0.697	57	1.651	0	0.000
UROL RES	0.695	0	0.000	1	0.046
J HETEROCYCLIC CHEM	0.694	2	0.058	1	0.046
CLIN CARDIOL	0.691	1	0.029	0	0.000
EUR J EPIDEMIOLOG	0.689	2	0.058	1	0.046
BIORHEOLOGY	0.688	2	0.058	0	0.000
BIORHEOLOGY	0.688	0	0.000	2	0.091
J MORPHOL	0.685	2	0.058	0	0.000
LAB ANIM	0.685	1	0.029	0	0.000
ECOTOXICOL ENVIRON SAF	0.684	6	0.174	5	0.228
J CLIN ULTRASOUND	0.683	2	0.058	0	0.000
CLIN ORTHOP RELAT RES	0.681	1	0.029	0	0.000
J IN VITRO FERTIL EMBRYO TRANSF	0.679	1	0.029	0	0.000
CHRONOBIOL INT	0.677	1	0.029	0	0.000
J LABEL COMPD RADIOPHARM	0.676	0	0.000	1	0.046
BR J RADIOLOG	0.671	4	0.116	3	0.137
BULL ENVIRON CONTAM TOXICOL	0.671	27	0.782	18	0.821
BIOL NEONATE	0.665	2	0.058	0	0.000
BR J UROL	0.661	4	0.116	9	0.410
TOXICOL VITRO	0.661	1	0.029	0	0.000
UROL INT	0.661	1	0.029	9	0.410
RES VET SCI	0.658	2	0.058	1	0.046
SCAND J CLIN LAB INVEST	0.652	0	0.000	1	0.046
PEDIATR HEMATOL ONCOL	0.650	1	0.029	1	0.046
J WILDERNESS MED	0.648	0	0.000	1	0.046
J PHARM BIOMED ANAL	0.647	1	0.029	3	0.137
EUR UROL	0.643	0	0.000	1	0.046
ANN HUM BIOL	0.641	2	0.058	0	0.000
HUM EXP TOXICOL	0.638	0	0.000	2	0.091
J NEUROSURG ANESTHESIOLOG	0.638	0	0.000	1	0.046
BIOCHEM MED METAB BIOL	0.632	6	0.174	1	0.046
NUTR RES	0.631	3	0.087	3	0.137
CHILD'S NERV SYST	0.630	3	0.087	2	0.091
HEALTH PHYS	0.629	2	0.058	2	0.091
MYCOPATHOLOGIA	0.626	7	0.203	0	0.000
EUR J MED CHEM	0.624	2	0.058	3	0.137
COMP BIOCHEM PHYSIOLOG A PHYSIOLOG	0.623	0	0.000	2	0.091

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
APPL RADIAT ISOT INT J RADIAT APPL INSTR	0.619	12	0.348	11	0.502
FOOD CHEM	0.619	11	0.319	7	0.319
SCI TOTAL ENVIRON	0.618	6	0.174	2	0.091
HEREDITAS	0.616	1	0.029	2	0.091
ACTA ONCOL	0.613	2	0.058	3	0.137
ANTICANCER RES	0.613	1	0.029	1	0.046
BR J CANCER	0.613	4	0.116	1	0.046
TUMORI	0.613	1	0.029	1	0.046
WATER AIR SOIL POLLUT	0.611	13	0.376	2	0.091
OPHTHALMIC SURG	0.607	2	0.058	6	0.274
ENVIRON TECHNOL	0.606	0	0.000	2	0.091
CLIN EXP DERMATOL	0.605	1	0.029	0	0.000
GASTROINTEST RADIOL	0.601	2	0.058	0	0.000
ORAL SURG ORAL MED ORAL PATHOL	0.601	4	0.116	0	0.000
RES COMMUN CHEM PATHOL PHARMACOL	0.599	2	0.058	0	0.000
BR J PLAST SURG	0.586	8	0.232	4	0.182
VET PARASITOL	0.585	9	0.261	3	0.137
BIO SYSTEMS	0.581	2	0.058	1	0.046
CLIN LAB HAEMATOL	0.581	0	0.000	1	0.046
J CHEM TECHNOL BIOTECHNOL	0.579	9	0.261	10	0.456
BIOLOGICALS	0.577	0	0.000	1	0.046
DEV PHARMACOL THER	0.576	1	0.029	0	0.000
J REPROD MED OBSTET GYNECOL	0.575	1	0.029	2	0.091
HEPATO GASTROENTEROL	0.573	1	0.029	0	0.000
ACTA ORTHOP SCAND	0.569	1	0.029	1	0.046
AVIAT SPACE ENVIRON MED	0.568	0	0.000	1	0.046
SPINE	0.560	0	0.000	1	0.046
BIOMED RES INDIA	0.559	1	0.029	3	0.137
BIORESOUR TECHNOL	0.558	0	0.000	13	0.593
J TRACE ELEM ELECTROLYTES HEALTH DIS	0.547	0	0.000	2	0.091
RES EXP MED	0.547	1	0.029	0	0.000
MATH BIOSCI	0.546	1	0.029	2	0.091
ANN R COLL SURG ENGL	0.545	1	0.029	2	0.091
PEDIATR RADIOL	0.544	0	0.000	1	0.046
CHEMOTHERAPY SWITZERLAND	0.540	0	0.000	2	0.091
BASIC APPL HISTOCHEM	0.538	1	0.029	0	0.000
MOL CHEM NEUROPATHOL	0.536	1	0.029	0	0.000
TOXIC ASSESS	0.536	2	0.058	0	0.000
FORENSIC SCI INT	0.527	4	0.116	1	0.046
ACTA ANAT	0.525	2	0.058	0	0.000
INT J DERMATOL	0.523	19	0.550	8	0.365
INT J PANCREATOLOGY	0.518	1	0.029	1	0.046
SKELET RADIOL	0.516	0	0.000	1	0.046
ENVIRON TOXICOL WATER QUAL	0.514	0	0.000	2	0.091
J HAZARD MATERIALS	0.511	1	0.029	1	0.046
CARDIOVASC INTERVENT RADIOL	0.507	1	0.029	0	0.000
J ENVIRON SCI HEALTH PART B PESTIC FOOD	0.506	0	0.000	1	0.046
ARCH ANDROL	0.504	4	0.116	0	0.000
J TROP MED HYG	0.503	2	0.058	1	0.046
J PAEDIATR CHILD HEALTH	0.500	0	0.000	1	0.046
J SURG ONCOL	0.499	9	0.261	13	0.593
INT J CARDIOL	0.497	18	0.521	15	0.684
BIOL WASTES	0.496	19	0.550	0	0.000
ARCH INT PHYSIOL BIOCHIM	0.487	2	0.058	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
J HUM HYPERTENS	0.487	1	0.029	2	0.091
PARAPLEGIA	0.487	1	0.029	2	0.091
ARZNEIM FORSCH DRUG RES	0.486	1	0.029	4	0.182
STRESS MED	0.486	1	0.029	0	0.000
DERMATOL CLIN	0.485	0	0.000	1	0.046
RADIAT PHYS CHEM INT J RADIAT APPL INSTR	0.477	8	0.232	14	0.638
J GEN APPL MICROBIOL	0.476	3	0.087	4	0.182
CLIN PHYS PHYSIOL MEAS	0.475	1	0.029	0	0.000
J RADIOANAL NUCL CHEM	0.471	38	1.100	34	1.550
MED ONCOL TUMOR PHARMACOTHER	0.468	1	0.029	0	0.000
METHODS FIND EXP CLIN PHARMACOL	0.467	5	0.145	1	0.046
ANN TROP MED PARASITOL	0.465	1	0.029	4	0.182
ANN TROP PAEDIATR	0.465	6	0.174	0	0.000
DOC OPHTHALMOL	0.464	0	0.000	1	0.046
CORNEA	0.463	0	0.000	2	0.091
CLIN OTOLARYNGOL ALLIED SCI	0.462	0	0.000	1	0.046
EUR J ANAESTHESIOL	0.462	0	0.000	1	0.046
IND HEALTH	0.462	0	0.000	1	0.046
BEHAV PROCESS	0.457	1	0.029	0	0.000
INT J VITAM NUTR RES	0.453	1	0.029	0	0.000
J APPL CARDIOL	0.452	1	0.029	0	0.000
BR VET J	0.449	1	0.029	0	0.000
EUR J OBSTET GYNECOL REPROD BIOL	0.449	0	0.000	3	0.137
PEDIATR NEUROSURG	0.449	1	0.029	0	0.000
ZENTRALBL HYG UMWELTMED	0.448	1	0.029	0	0.000
BR J ORAL MAXILLOFAC SURG	0.444	3	0.087	1	0.046
COMPUT MED IMAGING GRAPH	0.444	1	0.029	0	0.000
FOOD ADDIT CONTAM	0.444	3	0.087	1	0.046
DIABETES RES CLIN PRACT	0.441	4	0.116	5	0.228
INT J FERTIL	0.438	2	0.058	2	0.091
J ENVIRON RADIOACT	0.436	1	0.029	0	0.000
ERGONOMICS	0.435	1	0.029	3	0.137
LYMPHOLOGY	0.431	1	0.029	1	0.046
J MICROENCAPSULATION	0.430	3	0.087	3	0.137
J PSYCHOSOM OBSTET GYNECOL	0.424	0	0.000	1	0.046
BIOCHEM ARCH	0.422	5	0.145	0	0.000
MED SCI LAW	0.422	1	0.029	3	0.137
IMMUNOPHARMACOL IMMUNOTOXICOL	0.418	1	0.029	2	0.091
VET RES COMMUN	0.414	2	0.058	0	0.000
ACTA OPHTHALMOL	0.413	7	0.203	0	0.000
MED LAB SCI	0.413	1	0.029	0	0.000
COMPUT METHODS PROGRAMS BIOMED	0.404	1	0.029	2	0.091
ANGIOLOGY	0.403	3	0.087	0	0.000
GYNECOL OBSTET INVEST	0.398	1	0.029	1	0.046
THORAC CARDIOVASC SURG	0.398	1	0.029	2	0.091
PEDIATR CARDIOL	0.396	2	0.058	0	0.000
ENVIRON CONSERV	0.393	3	0.087	4	0.182
J CARD SURG	0.392	0	0.000	2	0.091
J CARDIOVASC SURG	0.392	2	0.058	1	0.046
CLIN PEDIATR	0.384	4	0.116	1	0.046
J BIOSCI	0.383	12	0.348	4	0.182
CLIN HEMORHEOL	0.381	2	0.058	5	0.228
ANN PLAST SURG	0.368	3	0.087	2	0.091
JPN J MED SCI BIOL	0.367	2	0.058	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
NEOPLASMA	0.366	7	0.203	6	0.274
J SOC OCCUP MED	0.363	1	0.029	0	0.000
PHYTOTHER RES	0.363	4	0.116	10	0.456
CLIN THER	0.362	1	0.029	0	0.000
J ENVIRON MANAGE	0.362	1	0.029	1	0.046
PEDIATR DERMATOL	0.362	0	0.000	2	0.091
CLIN NUCL MED	0.355	2	0.058	4	0.182
CUTIS	0.355	0	0.000	2	0.091
J ENVIRON SCI HEALTH PART A ENVIRON SCI	0.354	5	0.145	4	0.182
CLIN NEUROL NEUROSURG	0.353	3	0.087	0	0.000
DRUG CHEM TOXICOL	0.347	1	0.029	0	0.000
ENVIRON INT	0.345	1	0.029	0	0.000
TROP GEOGR MED	0.344	1	0.029	1	0.046
J HELMINTHOL	0.337	3	0.087	1	0.046
J LARYNGOL OTOL	0.332	6	0.174	5	0.228
MYCOSES	0.331	3	0.087	1	0.046
INDIAN J BIOCHEM BIOPHYS	0.328	34	0.985	0	0.000
ENVIRON MONIT ASSESS	0.325	1	0.029	2	0.091
POSTGRAD MED J	0.325	7	0.203	6	0.274
INT J PEDIATR OTORHINOLARYNGOL	0.323	1	0.029	1	0.046
J TROP PEDIATR	0.320	9	0.261	9	0.410
FOLIA BIOL CZECHOSLOVAKIA	0.319	1	0.029	0	0.000
J VET MED SER A	0.317	1	0.029	0	0.000
PEDIATR SURG INT	0.317	2	0.058	10	0.456
PHARMAZIE	0.309	0	0.000	12	0.547
DRUG DEV IND PHARM	0.308	10	0.290	16	0.730
TOXICOL IND HEALTH	0.305	1	0.029	0	0.000
RESPIRATION	0.301	0	0.000	1	0.046
ACTA PHARMACOL SIN	0.297	1	0.029	0	0.000
CURR THER RES CLIN EXP	0.294	2	0.058	0	0.000
INT J GYNECOL OBSTET	0.292	8	0.232	9	0.410
ACTA VIROL	0.275	2	0.058	3	0.137
INDIAN J CHEM SECT B ORG CHEM INCL MED C	0.275	207	5.995	0	0.000
J MED VIROL	0.275	1	0.029	2	0.091
OPHTHALMOLOGICA	0.273	0	0.000	1	0.046
J ETHNOPHARMACOL	0.272	16	0.463	9	0.410
DIAGN CYTOPATHOL	0.268	0	0.000	5	0.228
MICROBIOLOGY	0.268	0	0.000	6	0.274
CLIN DERMATOL	0.261	2	0.058	0	0.000
ACTA PROTOZOOLOGICA	0.260	2	0.058	0	0.000
ANDROLOGIA	0.259	6	0.174	3	0.137
WASTE MANAGE RES	0.258	1	0.029	0	0.000
FOLIA MICROBIOL	0.257	4	0.116	0	0.000
INT J BIOMETEOROL	0.257	1	0.029	0	0.000
JPN HEART J	0.256	3	0.087	0	0.000
J CAN ASSOC RADIOLOG	0.255	6	0.174	0	0.000
INJURY	0.254	1	0.029	0	0.000
ASIA PAC J PHARMACOL	0.250	5	0.145	2	0.091
POSTGRAD MED	0.236	1	0.029	0	0.000
J VOICE	0.233	1	0.029	0	0.000
RADIAT PROT DOSIM	0.231	3	0.087	6	0.274
BIOTECH HISTOCHEM	0.230	0	0.000	1	0.046
ACTA PHYSIOL HUNG	0.228	4	0.116	0	0.000
INDIAN J MED RES SECT A INFECT DIS	0.227	124	3.591	64	2.918

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
VET HUM TOXICOL	0.227	4	0.116	2	0.091
J ASTHMA	0.225	0	0.000	1	0.046
ACTA BIOTECHNOL	0.224	1	0.029	1	0.046
Z MIKROSK ANAT FORSCH ABT 2	0.212	2	0.058	0	0.000
BURNS	0.211	2	0.058	7	0.319
TROP DOCT	0.203	5	0.145	10	0.456
FLUORIDE Q REP	0.200	1	0.029	6	0.274
ACTA MICROBIOL HUNG	0.195	4	0.116	0	0.000
ACTA NEUROBIOL EXP	0.195	1	0.029	0	0.000
EXP CLIN ENDOCRINOL	0.193	2	0.058	0	0.000
J DIARRHOEAL DIS RES	0.190	0	0.000	1	0.046
JPN J SURG	0.188	4	0.116	0	0.000
INT ORTHOP	0.187	3	0.087	2	0.091
PROSTHET ORTHOT INT	0.182	0	0.000	1	0.046
MICROBIOS	0.176	2	0.058	0	0.000
APPL ERGON	0.169	1	0.029	1	0.046
INT SURG	0.169	1	0.029	1	0.046
OPTOM VIS SCI	0.169	1	0.029	0	0.000
CLIN IMAGING	0.168	0	0.000	1	0.046
J EXP CLIN CANCER RES	0.162	1	0.029	1	0.046
ASIAN PAC J ALLERGY IMMUNOL	0.156	1	0.029	0	0.000
ORTHOPEDICS	0.151	2	0.058	0	0.000
SOZ PRAVENTIVMED	0.137	0	0.000	1	0.046
CLIN TRIALS J	0.133	2	0.058	0	0.000
REV BRAS GENET	0.128	0	0.000	1	0.046
BR J CLIN PRACT	0.127	4	0.116	0	0.000
ACT NERV SUPER	0.126	1	0.029	0	0.000
INT ANGIOL	0.126	0	0.000	1	0.046
PERIOD BIOL	0.118	1	0.029	0	0.000
ACTA HYDROCHIM HYDROBIOL	0.099	5	0.145	0	0.000
DERMATOLOGY	0.096	0	0.000	6	0.274
J INDIAN CHEM S	0.085	2	0.058	0	0.000
J INDIAN CHEM SOC	0.085	269	7.790	0	0.000
VASC SURG	0.069	1	0.029	1	0.046
J HAND SURG GBR	0.053	0	0.000	1	0.046
J HAND SURG UK	0.053	3	0.087	0	0.000
AM J CHIN MED	0.052	1	0.029	0	0.000
FOLIA BIOL POLAND	0.042	1	0.029	1	0.046
SCI TECH PRAT PHARM	0.030	2	0.058	0	0.000
J ENVIRON BIOL	0.027	39	1.129	28	1.277
ABDOM IMAGING	0.000	0	0.000	1	0.046
ACTA CHIR PLAST	0.000	1	0.029	1	0.046
ACTA DIABETOL LAT	0.000	2	0.058	0	0.000
ACTA EUR FERTIL	0.000	6	0.174	0	0.000
ACTA LEPROL	0.000	4	0.116	0	0.000
ACTA PARASITOL POL	0.000	3	0.087	0	0.000
ADAPT PHYS ACT Q	0.000	1	0.029	0	0.000
ADDICTION	0.000	0	0.000	1	0.046
ADV CONTRACEPT DELIV SYST	0.000	1	0.029	1	0.046
ADV DRUG RES	0.000	0	0.000	1	0.046
AFRO ASIAN J OPHTHALMOL	0.000	30	0.869	7	0.319
ALCOHOL ALCOHOL	0.000	1	0.029	0	0.000
ALCOHOLISM	0.000	1	0.029	0	0.000
ANN NUCL MED	0.000	0	0.000	1	0.046

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
ANN PHARMACOTHER	0.000	0	0.000	1	0.046
ANN SPORTS MED	0.000	1	0.029	0	0.000
ARCH IMMUNOL THER EXP	0.000	1	0.029	0	0.000
ARH HIG RADA TOKSIKOL	0.000	1	0.029	0	0.000
ARTIF CELLS BLOOD SUBSTITUTES IMMOBILIZA	0.000	0	0.000	1	0.046
ASIA OCEANIA J OBSTET GYNAECOL	0.000	0	0.000	4	0.182
ASIAN ENVIRON	0.000	12	0.348	0	0.000
ASIAN J SURG	0.000	0	0.000	3	0.137
BIOCHEM MOL BIOL INT	0.000	0	0.000	24	1.094
BIOCHIM BIOPHYS ACTA REV BIOMEMBR	0.000	0	0.000	1	0.046
BIOFACTORS	0.000	1	0.029	0	0.000
BIOL STRUCT MORPHOG	0.000	1	0.029	0	0.000
BIOMATER ARTIF CELLS ARTIF ORGANS	0.000	2	0.058	0	0.000
BIOMETALS	0.000	0	0.000	4	0.182
BIOPROCESS ENG	0.000	0	0.000	12	0.547
BOLL CHIM FARM	0.000	0	0.000	4	0.182
BR J CLIN PSYCHOL	0.000	1	0.029	0	0.000
BR J DERMATOL	0.000	1	0.029	2	0.091
BR J NEUROSURG	0.000	6	0.174	5	0.228
BREAST DIS	0.000	1	0.029	0	0.000
BULL MED LIBR ASSOC	0.000	1	0.029	0	0.000
BULL POSTGRAD INST MED EDUC RES CHANDIGA	0.000	3	0.087	3	0.137
CALCUTTA MED J	0.000	1	0.029	0	0.000
CAN J GASTROENTEROL	0.000	2	0.058	0	0.000
CANCER BIOTHER	0.000	0	0.000	1	0.046
CLIN CHEM ENZYMOL COMMUN	0.000	5	0.145	0	0.000
CLIN MATER	0.000	1	0.029	0	0.000
CRIT REV CLIN LAB SCI	0.000	0	0.000	1	0.046
CYTOBIOS	0.000	4	0.116	0	0.000
CYTOPATHOLOGY	0.000	0	0.000	1	0.046
DERMATOLOGICA	0.000	2	0.058	0	0.000
DIABETOL CROAT	0.000	0	0.000	1	0.046
DIS ESOPHAGUS	0.000	0	0.000	1	0.046
DRUG DES DELIV	0.000	3	0.087	0	0.000
DRUG DES DISCOV	0.000	0	0.000	1	0.046
DRUG NEWS PERSPECT	0.000	1	0.029	0	0.000
DRUGS FUTURE	0.000	1	0.029	0	0.000
DRUGS TODAY	0.000	1	0.029	2	0.091
EAR NOSE THROAT J	0.000	3	0.087	3	0.137
ELECTROMYOGR CLIN NEUROPHYSIOL	0.000	0	0.000	4	0.182
ENVIRONMENTALIST	0.000	2	0.058	0	0.000
EPITHELIAL CELL BIOL	0.000	0	0.000	2	0.091
EUR J ENDOCRINOL	0.000	0	0.000	1	0.046
EUR J PLAST SURG	0.000	2	0.058	4	0.182
EUR J SURG ACTA CHIR	0.000	0	0.000	1	0.046
EUR J SURG ONCOL	0.000	0	0.000	3	0.137
EUR SPINE J	0.000	0	0.000	1	0.046
EXP DERMATOL	0.000	0	0.000	1	0.046
FEMS IMMUNOL MED MICROBIOL	0.000	0	0.000	5	0.228
FEMS MICROBIOL IMMUNOL	0.000	2	0.058	0	0.000
FITOTERAPIA	0.000	37	1.072	23	1.049
FOLIA MORPHOL CZECHOSLOVAKIA	0.000	8	0.232	0	0.000
FUNCT NEUROL	0.000	1	0.029	0	0.000
G ITAL OSTET GINECOL	0.000	0	0.000	1	0.046

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
GASTROENTEROL JPN	0.000	5	0.145	0	0.000
GEOGR MED	0.000	3	0.087	0	0.000
GLYCOCONJUGATE J	0.000	0	0.000	1	0.046
HEALTH POLICY PLANN	0.000	0	0.000	3	0.137
HEMATOL PATHOL	0.000	1	0.029	0	0.000
HEMATOL REV COMMUN	0.000	0	0.000	3	0.137
HERBA HUNG	0.000	1	0.029	0	0.000
HIND ANTIBIOT BULL	0.000	6	0.174	0	0.000
IN VITRO CELL DEV BIOL	0.000	1	0.029	0	0.000
INDIAN DRUGS	0.000	87	2.520	70	3.192
INDIAN HEART J	0.000	7	0.203	4	0.182
INDIAN J CANCER	0.000	23	0.666	7	0.319
INDIAN J CLIN BIOCHEM	0.000	16	0.463	0	0.000
INDIAN J DERMATOL VENEREOL LEPROL	0.000	110	3.186	40	1.824
INDIAN J ENVIRON PROT	0.000	29	0.840	0	0.000
INDIAN J EXP BIOL	0.000	65	1.882	56	2.554
INDIAN J FORENSIC SCI	0.000	16	0.463	0	0.000
INDIAN J GASTROENTEROL	0.000	4	0.116	1	0.046
INDIAN J LEPR	0.000	45	1.303	10	0.456
INDIAN J MALARIOL	0.000	8	0.232	1	0.046
INDIAN J MED MICROBIOL	0.000	8	0.232	0	0.000
INDIAN J MED SCI	0.000	4	0.116	0	0.000
INDIAN J OPHTHALMOL	0.000	5	0.145	4	0.182
INDIAN J PATHOL MICROBIOL	0.000	3	0.087	4	0.182
INDIAN J PEDIATR	0.000	14	0.405	12	0.547
INDIAN J PHARM SCI	0.000	51	1.477	18	0.821
INDIAN J PHARMACOL	0.000	0	0.000	34	1.550
INDIAN J PHYSIOL PHARMACOL	0.000	33	0.956	32	1.459
INDIAN J RADIOL IMAGING	0.000	45	1.303	12	0.547
INDIAN J SEX TRANSM DIS	0.000	5	0.145	0	0.000
INDIAN J TUBERC	0.000	21	0.608	0	0.000
INDIAN J UROL	0.000	0	0.000	8	0.365
INDIAN PEDIATR	0.000	21	0.608	37	1.687
INT J ANTHROPOL	0.000	2	0.058	0	0.000
INT J ANTIMICROB AGENTS	0.000	0	0.000	1	0.046
INT J CARD IMAGING	0.000	1	0.029	0	0.000
INT J COSMET SCI	0.000	1	0.029	0	0.000
INT J CRUDE DRUG RES	0.000	12	0.348	0	0.000
INT J DEV BIOL	0.000	0	0.000	2	0.091
INT J HEALTH PLANN MANAGE	0.000	0	0.000	1	0.046
INT J HEALTH SERV	0.000	1	0.029	0	0.000
INT J MENT HEALTH	0.000	1	0.029	0	0.000
INT J ONCOL	0.000	0	0.000	1	0.046
INT J REHABIL RES	0.000	2	0.058	0	0.000
INT J SOC PSYCHIATRY	0.000	1	0.029	0	0.000
INT J STD AIDS	0.000	2	0.058	2	0.091
INT J TECHNOL ASSESS HEALTH CARE	0.000	0	0.000	1	0.046
INT J WATER RESOUR DEV	0.000	2	0.058	0	0.000
INT UROL NEPHROL	0.000	0	0.000	3	0.137
J BIOACT COMPAT POLYM	0.000	1	0.029	0	0.000
J BIOCHEM	0.000	0	0.000	2	0.091
J CAN SOC FORENSIC SCI	0.000	1	0.029	0	0.000
J CARDIOTHORAC VASC ANESTH	0.000	0	0.000	5	0.228
J CARDIOTHORACIC ANESTH	0.000	1	0.029	0	0.000

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
J CARDIOVASC DIAGN PROC	0.000	0	0.000	1	0.046
J COMP PATHOL	0.000	1	0.029	0	0.000
J DERMATOL	0.000	1	0.029	11	0.502
J DERMATOL SCI	0.000	0	0.000	1	0.046
J DERMATOL TREAT	0.000	1	0.029	0	0.000
J DIABETIC ASSOC INDIA	0.000	13	0.376	0	0.000
J ENDOUROL	0.000	0	0.000	1	0.046
J ENZYME INHIB	0.000	0	0.000	1	0.046
J EUR ACAD DERMATOL VENEREOL	0.000	0	0.000	4	0.182
J HEART VALVE DIS	0.000	0	0.000	4	0.182
J INDIAN ACAD FORENSIC SCI	0.000	14	0.405	0	0.000
J INDIAN MED ASSOC	0.000	17	0.492	10	0.456
J INT MED SCI ACAD	0.000	0	0.000	2	0.091
J JPN ORTHOP ASSOC	0.000	1	0.029	1	0.046
J KOREAN MED SCI	0.000	1	0.029	0	0.000
J MED SYST	0.000	1	0.029	0	0.000
J NUTR IMMUNOL	0.000	0	0.000	2	0.091
J NUTR MED	0.000	0	0.000	2	0.091
J OBSTET GYNECOL	0.000	1	0.029	0	0.000
J PAK MED ASSOC	0.000	1	0.029	0	0.000
J PEDIATR OPHTHAL STRABISMUS	0.000	2	0.058	1	0.046
J PEDODONTICS	0.000	1	0.029	0	0.000
J PHARM TECHNOL	0.000	0	0.000	1	0.046
J PHARMACOL TOXICOL METHODS	0.000	0	0.000	1	0.046
J PHYSIOL PHARMACOL	0.000	0	0.000	1	0.046
J R COLL SURG EDINBURGH	0.000	0	0.000	1	0.046
J R SOC HEALTH	0.000	3	0.087	1	0.046
J RADIOL PROT	0.000	0	0.000	1	0.046
J REHABIL RES DEV	0.000	1	0.029	0	0.000
J SPORTS MED PHYS FITNESS	0.000	1	0.029	0	0.000
J TRACE ELEM EXP MED	0.000	2	0.058	0	0.000
J TRAFFIC MED	0.000	1	0.029	0	0.000
J TUMOR MARKER ONCOL	0.000	1	0.029	0	0.000
J UOEH	0.000	0	0.000	1	0.046
J VISUAL IMPAIRM BLINDN	0.000	2	0.058	0	0.000
LEUK LYMPHOMA	0.000	2	0.058	1	0.046
MAGNES TRACE ELEM	0.000	3	0.087	0	0.000
MAT MED POL	0.000	2	0.058	0	0.000
MED ENG PHYS	0.000	0	0.000	1	0.046
MED SCI RES	0.000	34	0.985	26	1.186
MICROB PATHOG	0.000	1	0.029	0	0.000
MICROBIOL ALIMENTS NUTR	0.000	3	0.087	0	0.000
MICROBIOS LETT	0.000	7	0.203	0	0.000
MINIMALLY INVASIVE THER	0.000	0	0.000	2	0.091
MUTAT RES ENVIRON MUTAGEN RELAT SUBJ INC	0.000	0	0.000	17	0.775
NAT PROD LETT	0.000	0	0.000	4	0.182
NATL MED J INDIA	0.000	30	0.869	11	0.502
NAUNYN SCHMIEDEBERG'S ARCH PHARMACOL	0.000	1	0.029	0	0.000
NEUROCOMPUTING	0.000	0	0.000	1	0.046
NEUROL INDIA	0.000	0	0.000	14	0.638
NEUROREPORT	0.000	0	0.000	2	0.091
ORBIT	0.000	2	0.058	0	0.000
ORL	0.000	0	0.000	1	0.046

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
PAIN CLINIC	0.000	0	0.000	1	0.046
PAK J OTOLARYNGOL	0.000	9	0.261	0	0.000
PATHOLOGY	0.000	1	0.029	0	0.000
PATHOPHYSIOLOGY	0.000	0	0.000	1	0.046
PERCEPT MOT SKILLS	0.000	1	0.029	0	0.000
PHARMACOL COMMUN	0.000	0	0.000	1	0.046
PHYS MED	0.000	1	0.029	0	0.000
PLATELETS	0.000	1	0.029	0	0.000
PROG DRUG RES	0.000	2	0.058	2	0.091
PROTEIN SCI	0.000	0	0.000	1	0.046
PROTEINS STRUCT FUNCT GENET	0.000	0	0.000	1	0.046
PSYCHOL REP	0.000	2	0.058	0	0.000
RADIOL MED	0.000	0	0.000	1	0.046
RES COMMUN MOL PATHOL PHARMACOL	0.000	0	0.000	1	0.046
RIV NEURORADIOL	0.000	0	0.000	1	0.046
SINGAPORE MED J	0.000	0	0.000	1	0.046
SOC SCI MED	0.000	2	0.058	1	0.046
STAR	0.000	12	0.348	0	0.000
STRAHLENTHER ONKOL	0.000	3	0.087	1	0.046
SURG RES COMMUN	0.000	1	0.029	0	0.000
SURG TODAY	0.000	0	0.000	2	0.091
THYROID	0.000	0	0.000	1	0.046
TRACE ELEM ELECTROCYTES	0.000	0	0.000	2	0.091
TRANSPLANT IMMUNOL	0.000	0	0.000	1	0.046
WATER ENVIRON RES	0.000	0	0.000	1	0.046
WATER TREAT	0.000	0	0.000	1	0.046
WORLD HEALTH FORUM	0.000	13	0.376	4	0.182
WORLD HEALTH STAT Q	0.000	1	0.029	0	0.000
TOTAL		3453	100	2193	100

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PUBLISHING JOURNAL PROFILE BY TOTAL NO. OF PAPERS
EXCERPTA MEDICA

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
ABDOM-IMAGING	USA	0	0.000	1	0.046
ACTA-ANAESTHESIOLOGIA-SCAND	DENMARK	1	0.029	0	0.000
ACTA-ANAT	SWITZERLAND	2	0.058	0	0.000
ACTA-BIOTECHNOLOGIA	GERMANY	1	0.029	1	0.046
ACTA-CHIRURGICA-PLASTICA	CZECHOSLOVAKIA	1	0.029	1	0.046
ACTA-CHIRURGICA-SCANDINAVICA	SWEDEN	2	0.058	0	0.000
ACTA-CYTOLOGICA	USA	10	0.290	9	0.410
ACTA-DERMATOLOGICA-VENEREOLOGICA	SWEDEN	1	0.029	1	0.046
ACTA-DIABETOLOGICA-LATINA	ITALY	2	0.058	0	0.000
ACTA-EUROPEA-FERTILITATIS	ITALY	6	0.174	0	0.000
ACTA-HYDROCHIMICA-HYDROBIOLOGICA	GERMANY	5	0.145	0	0.000
ACTA-LEPROLOGICA	SWITZERLAND	4	0.116	0	0.000
ACTA-MICROBIOLOGICA-HUNGARICA	HUNGARY	4	0.116	0	0.000
ACTA-NEUROBIOLOGICA-EXPERIMENTALIS	POLAND	1	0.029	0	0.000
ACTA-NEUROCHIRURGICA	AUSTRIA	5	0.145	2	0.091
ACTA-NEUROLOGICA-SCANDINAVICA	DENMARK	3	0.087	3	0.137
ACTA-NEUROPATHOLOGICA	GERMANY	0	0.000	1	0.046
ACTA-ONCOLOGICA	SWEDEN	2	0.058	3	0.137
ACTA-OPHTHALMOLOGICA	DENMARK	7	0.203	0	0.000
ACTA-ORTHOPEDICA-SCANDINAVICA	DENMARK	1	0.029	1	0.046
ACTA-PAEDIATRICA-INTERNATIONALIS-JOURNALIS-PAEDIATRICA	NORWAY	0	0.000	6	0.274
ACTA-PAEDIATRICA-SCANDINAVICA	SWEDEN	3	0.087	0	0.000
ACTA-PARASITOLOGICA-POLONICA	POLAND	3	0.087	0	0.000
ACTA-PHARMACOLOGICA-SINENSIS	CHINA	1	0.029	0	0.000
ACTA-PHYSIOLOGICA-HUNGARICA	HUNGARY	4	0.116	0	0.000
ACTA-PROTOZOOLOGICA	POLAND	2	0.058	0	0.000
ACTA-PSYCHIATRICA-SCANDINAVICA	DENMARK	1	0.029	2	0.091
ACTA-TROPICALIA	THE NETHERLANDS	0	0.000	3	0.137
ACTA-VIROLOGICA	CZECHOSLOVAKIA	2	0.058	3	0.137
ACTA-NERVOUS-SYSTEMI-SUPERIORIS	CZECHOSLOVAKIA	1	0.029	0	0.000
ADAPTATION-PHYSIOLOGICA-ACTIO-QUANTITATIVA	USA	1	0.029	0	0.000
ADDICTION	UNITED KINGDOM	0	0.000	1	0.046
ADVANCED-CONTRACEPTION	THE NETHERLANDS	1	0.029	1	0.046
ADVANCED-DRUG-RESEARCH	UNITED KINGDOM	0	0.000	1	0.046
AFRO-ASIAN-JOURNAL-OPHTHALMOLOGICAL	INDIA	30	0.869	7	0.319
AGE	USA	1	0.029	0	0.000
AGENTS-ACTIONS	SWITZERLAND	1	0.029	2	0.091
AIDS	UNITED KINGDOM	0	0.000	1	0.046
ALCOHOL-ALCOHOLISM	UNITED KINGDOM	1	0.029	0	0.000
ALCOHOLISM	YUGOSLAVIA	1	0.029	0	0.000
ALLERGY	DENMARK	2	0.058	0	0.000
AMBIO	SWEDEN	2	0.058	0	0.000
AM-HEART-JOURNAL	USA	7	0.203	6	0.274
AM-JOURNAL-CARDIOLOGICAL	USA	2	0.058	1	0.046
AM-JOURNAL-CHINESE-MEDICAL	USA	1	0.029	0	0.000
AM-JOURNAL-CLINICAL-NUTRITION	USA	1	0.029	0	0.000
AM-JOURNAL-CLINICAL-PATHOLOGY	USA	1	0.029	0	0.000
AM-JOURNAL-DISEASE-CHILDREN	USA	1	0.029	0	0.000
AM-JOURNAL-EPIDEMIOLOGICAL	USA	1	0.029	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
AM-J-GASTROENTEROL	USA	15	0.434	1	0.046
AM-J-HEMATOL	USA	1	0.029	1	0.046
AM-J-HUM-GENET	USA	0	0.000	1	0.046
AM-J-IND-MED	USA	1	0.029	0	0.000
AM-J-KIDNEY-DIS	USA	0	0.000	1	0.046
AM-J-MED-GENET	USA	2	0.058	5	0.228
AM-J-NEPHROL	SWITZERLAND	1	0.029	0	0.000
AM-J-OBSTET-GYNECOL	USA	1	0.029	0	0.000
AM-J-OPHTHALMOL	USA	0	0.000	1	0.046
AM-J-PHYS-ANTHROPOL	USA	3	0.087	0	0.000
AM-J-ROENTGENOL	USA	3	0.087	2	0.091
AM-J-SURG	USA	0	0.000	1	0.046
AM-J-TROP-MED-HYG	USA	0	0.000	2	0.091
AM-REV-RESPIR-DIS	USA	1	0.029	0	0.000
ANAESTHESIA	UNITED KINGDOM	5	0.145	4	0.182
ANAESTH-INTENSIVE-CARE	AUSTRALIA	2	0.058	4	0.182
ANAL-BIOCHEM	USA	3	0.087	3	0.137
ANAL-CHIM-ACTA	THE NETHERLANDS	7	0.203	5	0.228
ANAL-INSTRUM	USA	1	0.029	0	0.000
ANAL-LETT	USA	8	0.232	0	0.000
ANALYST	UNITED KINGDOM	11	0.319	0	0.000
ANAT-REC	USA	1	0.029	0	0.000
ANDROLOGIA	GERMANY	6	0.174	3	0.137
ANESTH-ANALG	USA	0	0.000	3	0.137
ANESTHESIOLOGY	USA	0	0.000	1	0.046
ANGIOLOGY	USA	3	0.087	0	0.000
ANN-ALLERGY	USA	2	0.058	0	0.000
ANN-GENET	FRANCE	2	0.058	0	0.000
ANN-HUM-BIOL	UNITED KINGDOM	2	0.058	0	0.000
ANN-INTERN-MED	USA	2	0.058	0	0.000
ANN-NEUROL	USA	1	0.029	0	0.000
ANN-NEW-YORK-ACAD-SCI	USA	1	0.029	1	0.046
ANN-NUCL-MED	JAPAN	0	0.000	1	0.046
ANN-NUTR-METAB	SWITZERLAND	2	0.058	1	0.046
ANN-OTOL-RHINOL-LARYNGOL	USA	1	0.029	0	0.000
ANN-PHARMACOTHER	USA	0	0.000	1	0.046
ANN-PLAST-SURG	USA	3	0.087	2	0.091
ANN-R-COLL-SURG-ENGL	UNITED KINGDOM	1	0.029	2	0.091
ANN-RHEUM-DIS	UNITED KINGDOM	1	0.029	0	0.000
ANN-SPORTS-MED	USA	1	0.029	0	0.000
ANN-SURG	USA	0	0.000	1	0.046
ANN-THORAC-SURG	USA	3	0.087	6	0.274
ANN-TROP-MED-PARASITOL	UNITED KINGDOM	1	0.029	4	0.182
ANN-TROP-PAEDIATR	UNITED KINGDOM	6	0.174	0	0.000
ANTI-CANCER-DRUGS	UNITED KINGDOM	0	0.000	2	0.091
ANTICANCER-RES	GREECE	1	0.029	1	0.046
ANTIMICROB-AGENTS-CHEMOTHER	USA	1	0.029	1	0.046
ANTONIE-VAN-LEEUVENHOEK-INT-J- GEN-MOL-MI	THE NETHERLANDS	1	0.029	0	0.000
APMIS	DENMARK	1	0.029	0	0.000
APPL-BIOCHEM-BIOTECHNOL	USA	1	0.029	0	0.000
APPL-ENVIRON-MICROBIOL	USA	1	0.029	6	0.274
APPL-ERGON	UNITED KINGDOM	1	0.029	1	0.046
APPL-MICROBIOL-BIOTECHNOL	GERMANY	8	0.232	3	0.137

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
APPL-RADIAT-ISOT	UNITED KINGDOM	0	0.000	11	0.502
APPL-RADIAT-ISOT-INT-J-RADIAT- APPL-INSTR	UNITED KINGDOM	12	0.348	0	0.000
AQUAT-TOXICOL	THE NETHERLANDS	1	0.029	0	0.000
ARCH-ANDROL	USA	4	0.116	0	0.000
ARCH-BIOCHEM-BIOPHYS	USA	4	0.116	3	0.137
ARCH-DERMATOL	USA	3	0.087	1	0.046
ARCH-DERMATOL-RES	GERMANY	1	0.029	0	0.000
ARCH-DIS-CHILD	UNITED KINGDOM	0	0.000	2	0.091
ARCH-ENVIRON-CONTAM-TOXICOL	USA	2	0.058	2	0.091
ARCH-ENVIRON-HEALTH	USA	0	0.000	2	0.091
ARCH-GEN-PSYCHIATRY	USA	0	0.000	1	0.046
ARCH-HISTOL-CYTOL	JAPAN	1	0.029	0	0.000
ARCH-IMMUNOL-THER-EXP	POLAND	1	0.029	0	0.000
ARCH-INT-PHARMACODYN-THER	BELGIUM	2	0.058	0	0.000
ARCH-INT-PHYSIOL-BIOCHIM	BELGIUM	2	0.058	0	0.000
ARCH-MICROBIOL	GERMANY	3	0.087	2	0.091
ARCH-NEUROL	USA	1	0.029	0	0.000
ARCH-OPHTHALMOL	USA	1	0.029	1	0.046
ARCH-OTOLARYNGOL-HEAD-NECK-SURG	USA	1	0.029	1	0.046
ARCH-PATHOL-LAB-MED	USA	0	0.000	1	0.046
ARCH-TOXICOL	GERMANY	4	0.116	0	0.000
ARCH-HIG-RADA-TOKSIKOL	YUGOSLAVIA	1	0.029	0	0.000
ARTHRITIS-RHEUM	USA	1	0.029	0	0.000
ARTIF-CELLS-BLOOD-SUBSTITUTES- IMMOBILIZA	USA	0	0.000	1	0.046
ARZNEIM-FORSCH-DRUG-RES	GERMANY	1	0.029	4	0.182
ASIAN-ENVIRON	PHILIPPINES	12	0.348	0	0.000
ASIAN-J-SURG	HONG-KONG	0	0.000	3	0.137
ASIAN-PAC-J-ALLERGY-IMMUNOL	THAILAND	1	0.029	0	0.000
ASIA-OCEANIA-J-OBSTET-GYNAECOL	JAPAN	0	0.000	4	0.182
ASIA-PAC-J-PHARMACOL	SINGAPORE	5	0.145	2	0.091
ATMOS-ENVIRON	UNITED KINGDOM	0	0.000	2	0.091
ATMOS-ENVIRON-PART-A-GEN-TOP	UNITED KINGDOM	11	0.319	0	0.000
AURIS-NASUS-LARYNX	JAPAN	1	0.029	0	0.000
AUST-NEW-ZEALAND-J-MED	AUSTRALIA	2	0.058	0	0.000
AUST-NEW-ZEALAND-J-OBSTET-GYNAECOL	AUSTRALIA	3	0.087	2	0.091
AUST-NEW-ZEALAND-J-SURG	AUSTRALIA	5	0.145	3	0.137
AUSTRALAS-RADIOL	AUSTRALIA	4	0.116	6	0.274
AUTOIMMUNITY	UNITED KINGDOM	1	0.029	0	0.000
AVIAT-SPACE-ENVIRON-MED	USA	0	0.000	1	0.046
BASIC-APPL-HISTOCHEM	ITALY	1	0.029	0	0.000
BEHAV-BRAIN-RES	THE NETHERLANDS	1	0.029	0	0.000
BEHAV-PROCESS	THE NETHERLANDS	1	0.029	0	0.000
BIOCHEM-ARCH	USA	5	0.145	0	0.000
BIOCHEM-BIOPHYS-RES-COMMUN	USA	21	0.608	13	0.593
BIOCHEM-CELL-BIOL	CANADA	1	0.029	0	0.000
BIOCHEM-GENET	USA	1	0.029	1	0.046
BIOCHEM-INT	AUSTRALIA	57	1.651	0	0.000
BIOCHEMISTRY	USA	0	0.000	4	0.182
BIOCHEM-J	UNITED KINGDOM	3	0.087	7	0.319
BIOCHEM-MED-METAB-BIOL	USA	6	0.174	1	0.046
BIOCHEM-MOL-BIOL-INT	AUSTRALIA	0	0.000	24	1.094
BIOCHEM-PHARMACOL	UNITED KINGDOM	12	0.348	3	0.137

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
BIOCHIM-BIOPHYS-ACTA-BIOMEMBR	THE NETHERLANDS	4	0.116	0	0.000
BIOCHIM-BIOPHYS-ACTA-GEN-SUBJ	THE NETHERLANDS	2	0.058	11	0.502
BIOCHIM-BIOPHYS-ACTA-PROTEIN-STRUCT- MOL-ENZYMOL	THE NETHERLANDS	3	0.087	0	0.000
BIOELECTROCHEM-BIOENERG	SWITZERLAND	2	0.058	2	0.091
BIOFACTORS	UNITED KINGDOM	1	0.029	0	0.000
BIOG-AMINES	UNITED KINGDOM	2	0.058	4	0.182
BIOL-NEONATE	SWITZERLAND	2	0.058	0	0.000
BIOLOGICALS	UNITED KINGDOM	0	0.000	1	0.046
BIOL-PSYCHIATRY	USA	0	0.000	5	0.228
BIOL-REPROD	USA	2	0.058	1	0.046
BIOL-STRUCT-MORPHOG	FRANCE	1	0.029	0	0.000
BIOL-TRACE-ELEM-RES	USA	1	0.029	3	0.137
BIOL-WASTES	UNITED KINGDOM	19	0.550	0	0.000
BIOMATER-ARTIF-CELLS-ARTIF-ORGANS	USA	2	0.058	0	0.000
BIOMATERIALS	UNITED KINGDOM	2	0.058	1	0.046
BIOMED-CHROMATOGR	UNITED KINGDOM	1	0.029	2	0.091
BIOMED-RES-INDIA	INDIA	1	0.029	3	0.137
BIOMETALS	UNITED KINGDOM	0	0.000	4	0.182
BIOORG-MED-CHEM-LETT	UNITED KINGDOM	0	0.000	6	0.274
BIOPHYS-J	USA	1	0.029	0	0.000
BIOPOLYMERS	USA	5	0.145	2	0.091
BIOPROCESS-ENG	GERMANY	0	0.000	12	0.547
BIORESOUR-TECHNOL	UNITED KINGDOM	0	0.000	13	0.593
BIORHEOLOGY	USA	2	0.058	2	0.091
BIOSCI-REP	USA	1	0.029	2	0.091
BIOSENS-BIOELECTRON	UNITED KINGDOM	0	0.000	3	0.137
BIO-SYSTEMS	IRELAND	2	0.058	1	0.046
BIOTECH-HISTOCHEM	USA	0	0.000	1	0.046
BIOTECHNIQUES	USA	0	0.000	3	0.137
BIOTECHNOL-APPL-BIOCHEM	USA	5	0.145	0	0.000
BIOTECHNOL-BIOENG	USA	2	0.058	1	0.046
BIOTECHNOL-LETT	UNITED KINGDOM	3	0.087	10	0.456
BLOOD	USA	0	0.000	1	0.046
BLUT	GERMANY	1	0.029	0	0.000
BOLL-CHIM-FARM	ITALY	0	0.000	4	0.182
BRAIN-RES	THE NETHERLANDS	1	0.029	1	0.046
BREAST-CANCER-RES-TREAT	USA	0	0.000	2	0.091
BREAST-DIS	USA	1	0.029	0	0.000
BR-HEART-J	UNITED KINGDOM	1	0.029	0	0.000
BR-J-ADDICT	UNITED KINGDOM	1	0.029	0	0.000
BR-J-ANAESTH	UNITED KINGDOM	0	0.000	1	0.046
BR-J-CANCER	UNITED KINGDOM	4	0.116	1	0.046
BR-J-CLIN-PHARMACOL	UNITED KINGDOM	0	0.000	1	0.046
BR-J-CLIN-PRACT	UNITED KINGDOM	4	0.116	0	0.000
BR-J-CLIN-PSYCHOL	UNITED KINGDOM	1	0.029	0	0.000
BR-J-DERMATOL	UNITED KINGDOM	1	0.029	2	0.091
BR-J-IND-MED	UNITED KINGDOM	1	0.029	0	0.000
BR-J-NEUROSURG	UNITED KINGDOM	6	0.174	5	0.228
BR-J-OBSTET-GYNAECOL	UNITED KINGDOM	4	0.116	2	0.091
BR-J-OPHTHALMOL	UNITED KINGDOM	0	0.000	1	0.046
BR-J-ORAL-MAXILLOFAC-SURG	UNITED KINGDOM	3	0.087	1	0.046
BR-J-PLAST-SURG	UNITED KINGDOM	8	0.232	4	0.182
BR-J-PSYCHIATRY	UNITED KINGDOM	9	0.261	2	0.091

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
BR-J-RADIOL	UNITED KINGDOM	4	0.116	3	0.137
BR-J-RHEUMATOL	UNITED KINGDOM	0	0.000	2	0.091
BR-J-SURG	UNITED KINGDOM	5	0.145	3	0.137
BR-J-UROL	UNITED KINGDOM	4	0.116	9	0.410
BR-MED-J	UNITED KINGDOM	11	0.319	7	0.319
BR-VET-J	UNITED KINGDOM	1	0.029	0	0.000
BULL-CHEM-SOC-JPN	JAPAN	9	0.261	2	0.091
BULL-ENVIRON-CONTAM-TOXICOL	USA	27	0.782	18	0.821
BULL-MED-LIBR-ASSOC	USA	1	0.029	0	0.000
BULL-POSTGRAD-INST-MED-EDUC-RES-CHANDIGA	INDIA	3	0.087	3	0.137
BULL-WHO	SWITZERLAND	1	0.029	3	0.137
BURNS	UNITED KINGDOM	2	0.058	7	0.319
CALCIF-TISSUE-INT	USA	2	0.058	0	0.000
CALCUTTA-MED-J	INDIA	1	0.029	0	0.000
CANCER	USA	4	0.116	4	0.182
CANCER-BIOTHER	USA	0	0.000	1	0.046
CANCER-GENET-CYTOGENET	USA	4	0.116	2	0.091
CANCER-IMMUNOL-IMMUNOTHER	GERMANY	1	0.029	0	0.000
CANCER-INVEST	USA	0	0.000	1	0.046
CANCER-LETT	IRELAND	9	0.261	9	0.410
CAN-J-ANAESTH	CANADA	1	0.029	3	0.137
CAN-J-CHEM	CANADA	0	0.000	1	0.046
CAN-J-GASTROENTEROL	CANADA	2	0.058	0	0.000
CAN-J-MICROBIOL	CANADA	5	0.145	1	0.046
CARBOHYDR-RES	THE NETHERLANDS	0	0.000	5	0.228
CARCINOGENESIS	UNITED KINGDOM	2	0.058	1	0.046
CARDIOVASC-DRUGS-THER	USA	0	0.000	1	0.046
CARDIOVASC-INTERVENT-RADIOL	USA	1	0.029	0	0.000
CARDIOVASC-SURG	UNITED KINGDOM	0	0.000	2	0.091
CATHETER-CARDIOVASC-DIAGN	USA	3	0.087	1	0.046
CELL-BIOL-INT	UNITED KINGDOM	0	0.000	1	0.046
CELL-IMMUNOL	USA	0	0.000	1	0.046
CELL-STRUCT-FUNCT	JAPAN	0	0.000	1	0.046
CHEM-BIOL-INTERACT	IRELAND	2	0.058	0	0.000
CHEMOMETR-INTELL-LAB-SYST	THE NETHERLANDS	0	0.000	1	0.046
CHEMOSPHERE	UNITED KINGDOM	3	0.087	4	0.182
CHEMOTHERAPY-SWITZERLAND	SWITZERLAND	0	0.000	2	0.091
CHEM-PHARM-BULL	JAPAN	0	0.000	3	0.137
CHEM-PHYS-LIPIDS	IRELAND	1	0.029	0	0.000
CHEM-RES-TOXICOL	USA	0	0.000	1	0.046
CHEST	USA	4	0.116	1	0.046
CHILD'S-NERV-SYST	GERMANY	3	0.087	2	0.091
CHROMATOGRAPHIA	GERMANY	0	0.000	1	0.046
CHROMOSOMA	GERMANY	1	0.029	1	0.046
CHRONOBIOL-INT	UNITED KINGDOM	1	0.029	0	0.000
CLIN-BIOCHEM	CANADA	1	0.029	0	0.000
CLIN-CARDIOL	USA	1	0.029	0	0.000
CLIN-CHEM	USA	1	0.029	0	0.000
CLIN-CHEM-ENZYMOL-COMMUN	UNITED KINGDOM	5	0.145	0	0.000
CLIN-CHIM-ACTA	THE NETHERLANDS	3	0.087	1	0.046
CLIN-DERMATOL	USA	2	0.058	0	0.000
CLIN-EXP-ALLERGY	UNITED KINGDOM	3	0.087	0	0.000
CLIN-EXP-DERMATOL	UNITED KINGDOM	1	0.029	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
CLIN-EXP-IMMUNOL	UNITED KINGDOM	2	0.058	2	0.091
CLIN-EXP-PHARMACOL-PHYSIOL	AUSTRALIA	1	0.029	1	0.046
CLIN-GENET	DENMARK	1	0.029	0	0.000
CLIN-HEMORHEOL	USA	2	0.058	5	0.228
CLIN-IMAGING	USA	0	0.000	1	0.046
CLIN-IMMUNOL-IMMUNOPATHOL	USA	2	0.058	0	0.000
CLIN-LAB-HAEMATOL	UNITED KINGDOM	0	0.000	1	0.046
CLIN-MATER	UNITED KINGDOM	1	0.029	0	0.000
CLIN-NEUROL-NEUROSURG	THE NETHERLANDS	3	0.087	0	0.000
CLIN-NUCL-MED	USA	2	0.058	4	0.182
CLIN-ORTHOP-RELAT-RES	USA	1	0.029	0	0.000
CLIN-OTOLARYNGOL-ALLIED-SCI	UNITED KINGDOM	0	0.000	1	0.046
CLIN-PEDIATR	USA	4	0.116	1	0.046
CLIN-PHYS-PHYSIOL-MEAS	USA	1	0.029	0	0.000
CLIN-RADIOL	UNITED KINGDOM	4	0.116	2	0.091
CLIN-THER	USA	1	0.029	0	0.000
CLIN-TRIALS-J	THE NETHERLANDS	2	0.058	0	0.000
COMBUST-FLAME	USA	2	0.058	2	0.091
COMP-BIOCHEM-PHYSIOL-A-PHYSIOL	UNITED KINGDOM	0	0.000	2	0.091
COMPUT-BIOMED-RES	USA	0	0.000	1	0.046
COMPUT-MED-IMAGING-GRAPH	USA	1	0.029	0	0.000
COMPUT-METHODS-PROGRAMS-BIOMED	THE NETHERLANDS	1	0.029	2	0.091
CONTACT-DERMATITIS	DENMARK	6	0.174	3	0.137
CONTRACEPTION	USA	11	0.319	7	0.319
CORNEA	USA	0	0.000	2	0.091
CRIT-CARE-MED	USA	1	0.029	0	0.000
CRIT-REV-CLIN-LAB-SCI	USA	0	0.000	1	0.046
CRIT-REV-MICROBIOL	USA	0	0.000	1	0.046
CURR-MICROBIOL	USA	8	0.232	7	0.319
CURR-OPIN-IMMUNOL	UNITED KINGDOM	0	0.000	1	0.046
CURR-THER-RES-CLIN-EXP	USA	2	0.058	0	0.000
CUTIS	USA	0	0.000	2	0.091
CYTOBIOS	UNITED KINGDOM	4	0.116	0	0.000
CYTOPATHOLOGY	UNITED KINGDOM	0	0.000	1	0.046
DERMATOL-CLIN	USA	0	0.000	1	0.046
DERMATOLOGICA	SWITZERLAND	2	0.058	0	0.000
DERMATOLOGY	SWITZERLAND	0	0.000	6	0.274
DEV-BIOL	USA	0	0.000	1	0.046
DEV-GROWTH-DIFFER	JAPAN	1	0.029	1	0.046
DEV-PHARMACOL-THER	SWITZERLAND	1	0.029	0	0.000
DIABETES-CARE	USA	2	0.058	1	0.046
DIABETES-RES-CLIN-PRACT	THE NETHERLANDS	4	0.116	5	0.228
DIABETIC-MED	UNITED KINGDOM	2	0.058	0	0.000
DIABETOL-CROAT	CROATIA	0	0.000	1	0.046
DIABETOLOGIA	GERMANY	1	0.029	0	0.000
DIAGN-CYTOPATHOL	USA	0	0.000	5	0.228
DIAGN-MICROBIOL-INFECT-DIS	USA	0	0.000	1	0.046
DIFFERENTIATION	GERMANY	0	0.000	1	0.046
DIG-DIS-SCI	USA	0	0.000	1	0.046
DIGESTION	SWITZERLAND	2	0.058	0	0.000
DIS-COLON-RECTUM	USA	1	0.029	0	0.000
DIS-ESOPHAGUS	UNITED KINGDOM	0	0.000	1	0.046
DNA-CELL-BIOL	USA	0	0.000	1	0.046
DOC-OPHTHALMOL	THE NETHERLANDS	0	0.000	1	0.046

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
DRUG-CHEM-TOXICOL	USA	1	0.029	0	0.000
DRUG-DES-DELIV	UNITED KINGDOM	3	0.087	0	0.000
DRUG-DES-DISCOV	UNITED KINGDOM	0	0.000	1	0.046
DRUG-DEV-IND-PHARM	USA	10	0.290	16	0.730
DRUG-DEV-RES	USA	1	0.029	2	0.091
DRUG-NEWS-PERSPECT	SPAIN	1	0.029	0	0.000
DRUGS-FUTURE	SPAIN	1	0.029	0	0.000
DRUGS-TODAY	SPAIN	1	0.029	2	0.091
EAR-NOSE-THROAT-J	USA	3	0.087	3	0.137
ECOTOXICOL-ENVIRON-SAF	USA	6	0.174	4	0.182
ECOTOXICOLOGY	UNITED KINGDOM	0	0.000	1	0.046
ELECTROMYOGR-CLIN-NEUROPHYSIOL	UNITED KINGDOM	0	0.000	4	0.182
ELECTROPHORESIS	GERMANY	0	0.000	1	0.046
ENDOCR-RES	USA	1	0.029	1	0.046
ENVIRON-CONSERV	SWITZERLAND	3	0.087	4	0.182
ENVIRON-HEALTH-PERSPECT	USA	1	0.029	0	0.000
ENVIRON-INT	USA	1	0.029	0	0.000
ENVIRONMENTALIST	UNITED KINGDOM	2	0.058	0	0.000
ENVIRON-MONIT-ASSESS	THE NETHERLANDS	1	0.029	2	0.091
ENVIRON-POLLUT	UNITED KINGDOM	6	0.174	6	0.274
ENVIRON-RES	USA	0	0.000	1	0.046
ENVIRON-TECHNOL	UNITED KINGDOM	0	0.000	2	0.091
ENVIRON-TOXICOL-WATER-QUAL	USA	0	0.000	2	0.091
ENZYME-MICROB-TECHNOL	USA	8	0.232	9	0.410
EPIDEMIOLOG-INFECT	UNITED KINGDOM	0	0.000	1	0.046
EPILEPSIA	USA	1	0.029	1	0.046
EPITHELIAL-CELL-BIOL	UNITED KINGDOM	0	0.000	2	0.091
ERGONOMICS	UNITED KINGDOM	1	0.029	3	0.137
EUR-ARCH-PSYCHIATRY-NEUROL-SCI	GERMANY	1	0.029	0	0.000
EUR-J-ANAESTHESIOLOG	UNITED KINGDOM	0	0.000	1	0.046
EUR-J-BIOCHEM	GERMANY	1	0.029	3	0.137
EUR-J-CANCER-PART-A-GEN-TOP	UNITED KINGDOM	0	0.000	2	0.091
EUR-J-CANCER-PART-B-ORAL-ONCOL	UNITED KINGDOM	0	0.000	1	0.046
EUR-J-CLIN-INVEST	UNITED KINGDOM	0	0.000	1	0.046
EUR-J-DRUG-METAB-PHARMACOKINET	SWITZERLAND	0	0.000	1	0.046
EUR-J-ENDOCRINOL	NORWAY	0	0.000	1	0.046
EUR-J-EPIDEMIOLOG	ITALY	2	0.058	1	0.046
EUR-J-HAEMATOL	DENMARK	1	0.029	0	0.000
EUR-J-IMMUNOL	GERMANY	0	0.000	2	0.091
EUR-J-MED-CHEM	FRANCE	2	0.058	3	0.137
EUR-J-NUCL-MED	GERMANY	1	0.029	0	0.000
EUR-J-OBSTET-GYNECOL-REPROD-BIOL	IRELAND	0	0.000	3	0.137
EUR-J-PEDIATR	GERMANY	0	0.000	1	0.046
EUR-J-PHARMACOL	THE NETHERLANDS	41	1.187	1	0.046
EUR-J-PHARM-SCI	THE NETHERLANDS	0	0.000	1	0.046
EUR-J-PLAST-SURG	GERMANY	2	0.058	4	0.182
EUR-J-SURG-ACTA-CHIR	NORWAY	0	0.000	1	0.046
EUR-J-SURG-ONCOL	UNITED KINGDOM	0	0.000	3	0.137
EUROP-J-CLIN-NUTR	UNITED KINGDOM	3	0.087	0	0.000
EUR-RESPIR-J	DENMARK	0	0.000	2	0.091
EUR-SPINE-J	GERMANY	0	0.000	1	0.046
EUR-UROL	SWITZERLAND	0	0.000	1	0.046
EXP-CELL-RES	USA	0	0.000	1	0.046
EXP-CLIN-ENDOCRINOL	GERMANY	2	0.058	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
EXP-DERMATOL	DENMARK	0	0.000	1	0.046
EXPERIENTIA	SWITZERLAND	6	0.174	4	0.182
EXP-MOL-PATHOL	USA	3	0.087	0	0.000
EXP-PARASITOL	USA	0	0.000	1	0.046
EYE	UNITED KINGDOM	0	0.000	1	0.046
FEBS-LETT	THE NETHERLANDS	3	0.087	8	0.365
FEMS-IMMUNOL-MED-MICROBIOL	THE NETHERLANDS	0	0.000	5	0.228
FEMS-MICROBIOL-ECOL	THE NETHERLANDS	1	0.029	0	0.000
FEMS-MICROBIOL-IMMUNOL	THE NETHERLANDS	2	0.058	0	0.000
FEMS-MICROBIOL-LETT	THE NETHERLANDS	12	0.348	12	0.547
FEMS-MICROBIOL-REV	THE NETHERLANDS	0	0.000	1	0.046
FERTIL-STERIL	USA	1	0.029	0	0.000
FITOTERAPIA	ITALY	37	1.072	23	1.049
FLUORIDE-Q-REP	USA	1	0.029	6	0.274
FOLIA-BIOL-CZECHOSLOVAKIA	CZECHOSLOVAKIA	1	0.029	0	0.000
FOLIA-BIOL-POLAND	POLAND	1	0.029	1	0.046
FOLIA-MICROBIOL	CZECHOSLOVAKIA	4	0.116	0	0.000
FOLIA-MORPHOL-CZECHOSLOVAKIA	CZECHOSLOVAKIA	8	0.232	0	0.000
FOOD-ADDIT-CONTAM	UNITED KINGDOM	3	0.087	1	0.046
FOOD-CHEM	UNITED KINGDOM	11	0.319	7	0.319
FOOD-CHEM-TOXICOL	UNITED KINGDOM	2	0.058	4	0.182
FORENSIC-SCI-INT	IRELAND	4	0.116	1	0.046
FREE-RADIC-BIOL-MED	USA	2	0.058	1	0.046
FREE-RADIC-RES	UNITED KINGDOM	0	0.000	1	0.046
FRESENIUS'-J-ANAL-CHEM	GERMANY	11	0.319	0	0.000
FUNCT-NEUROL	ITALY	1	0.029	0	0.000
GASTROENTEROL-JPN	JAPAN	5	0.145	0	0.000
GASTROENTEROLOGY	USA	1	0.029	0	0.000
GASTROINTEST-ENDOSC	USA	3	0.087	2	0.091
GASTROINTEST-RADIOL	USA	2	0.058	0	0.000
GEN-COMP-ENDOCRINOL	USA	7	0.203	3	0.137
GENE	THE NETHERLANDS	1	0.029	6	0.274
GENET-RES	UNITED KINGDOM	1	0.029	0	0.000
GEN-HOSP-PSYCHIATRY	USA	1	0.029	1	0.046
GENITOURIN-MED	UNITED KINGDOM	2	0.058	1	0.046
GENOME	CANADA	1	0.029	0	0.000
GEOGR-MED	HUNGARY	3	0.087	0	0.000
GERONTOLOGY	SWITZERLAND	3	0.087	5	0.228
G-ITAL-OSTET-GINECOL	ITALY	0	0.000	1	0.046
GLYCOCONJUGATE-J	UNITED KINGDOM	0	0.000	1	0.046
GUT	UNITED KINGDOM	5	0.145	1	0.046
GYNECOL-OBSTET-INVEST	SWITZERLAND	1	0.029	1	0.046
GYNECOL-ONCOL	USA	1	0.029	0	0.000
HEAD-NECK	USA	0	0.000	1	0.046
HEALTH-PHYS	USA	2	0.058	2	0.091
HEALTH-POLICY-PLANN	UNITED KINGDOM	0	0.000	3	0.137
HEMATOL-PATHOL	USA	1	0.029	0	0.000
HEMATOL-REV-COMMUN	UNITED KINGDOM	0	0.000	3	0.137
HEPATO-GASTROENTEROL	GERMANY	1	0.029	0	0.000
HEPATOLOGY	USA	0	0.000	1	0.046
HERBA-HUNG	HUNGARY	1	0.029	0	0.000
HEREDITAS	SWEDEN	1	0.029	2	0.091
HIND-ANTIBIOT-BULL	INDIA	6	0.174	0	0.000
HISTOPATHOLOGY	UNITED KINGDOM	0	0.000	1	0.046

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
HORM-METAB-RES	GERMANY	1	0.029	1	0.046
HORM-RES	SWITZERLAND	1	0.029	1	0.046
HUM-EXP-TOXICOL	UNITED KINGDOM	0	0.000	2	0.091
HUM-GENET	GERMANY	1	0.029	0	0.000
HUM-HERED	SWITZERLAND	1	0.029	2	0.091
HUM-REPROD	UNITED KINGDOM	1	0.029	4	0.182
HYBRIDOMA	USA	0	0.000	5	0.228
IEEE-TRANS-BIOMED-ENG	USA	2	0.058	0	0.000
IMMUNOBIOLOGY	GERMANY	0	0.000	1	0.046
IMMUNOL-CELL-BIOL	AUSTRALIA	1	0.029	2	0.091
IMMUNOL-INVESTIG	USA	2	0.058	0	0.000
IMMUNOL-LETT	THE NETHERLANDS	3	0.087	0	0.000
IMMUNOLOGY	UNITED KINGDOM	1	0.029	0	0.000
IMMUNOL-TODAY	UNITED KINGDOM	1	0.029	0	0.000
IMMUNOPHARMACOL-IMMUNOTOXICOL	USA	1	0.029	1	0.046
IMMUNOPHARMACOLOGY	THE NETHERLANDS	0	0.000	1	0.046
IND-HEALTH	JAPAN	0	0.000	1	0.046
INDIAN-DRUGS	INDIA	87	2.520	70	3.192
INDIAN-HEART-J	INDIA	7	0.203	4	0.182
INDIAN-J-BIOCHEM-BIOPHYS	INDIA	34	0.985	0	0.000
INDIAN-J-CANCER	INDIA	23	0.666	7	0.319
INDIAN-J-CHEM-SECT-B-ORG-CHEM- INCL-MED-C	INDIA	207	5.995	0	0.000
INDIAN-J-CLIN-BIOCHEM	INDIA	16	0.463	0	0.000
INDIAN-J-DERMATOL-VENEREOL-LEPROL	INDIA	110	3.186	40	1.824
INDIAN-J-ENVIRON-PROT	INDIA	29	0.840	0	0.000
INDIAN-J-EXP-BIOL	INDIA	65	1.882	55	2.508
INDIAN-J-FORENSIC-SCI	INDIA	16	0.463	0	0.000
INDIAN-J-GASTROENTEROL	INDIA	4	0.116	1	0.046
INDIAN-J-LEPR	INDIA	45	1.303	10	0.456
INDIAN-J-MALARIOL	INDIA	8	0.232	1	0.046
INDIAN-J-MED-MICROBIOL	INDIA	8	0.232	0	0.000
INDIAN-J-MED-RES	INDIA	124	3.591	64	2.918
INDIAN-J-MED-SCI	INDIA	4	0.116	0	0.000
INDIAN-J-OPHTHALMOL	INDIA	5	0.145	4	0.182
INDIAN-J-PATHOL-MICROBIOL	INDIA	3	0.087	4	0.182
INDIAN-J-PEDIATR	INDIA	14	0.405	12	0.547
INDIAN-J-PHARMACOL	INDIA	0	0.000	34	1.550
INDIAN-J-PHARM-SCI	INDIA	51	1.477	18	0.821
INDIAN-J-PHYSIOL-PHARMACOL	INDIA	33	0.956	32	1.459
INDIAN-J-RADIOL-IMAGING	INDIA	45	1.303	12	0.547
INDIAN-J-SEX-TRANSM-DIS	INDIA	5	0.145	0	0.000
INDIAN-J-TUBERC	INDIA	21	0.608	0	0.000
INDIAN-J-UROL	INDIA	0	0.000	8	0.365
INDIAN-PEDIATR	INDIA	21	0.608	37	1.687
INFECT-IMMUN	USA	2	0.058	4	0.182
INFECT-ION	GERMANY	0	0.000	2	0.091
INJURY	UNITED KINGDOM	1	0.029	0	0.000
INT-ANGIOL	ITALY	0	0.000	1	0.046
INT-ARCH-ALLERGY-APPL-IMMUNOL	SWITZERLAND	1	0.029	0	0.000
INT-ARCH-ALLERGY-IMMUNOL	SWITZERLAND	0	0.000	3	0.137
INT-ARCH-OCCUP-ENVIRON-HEALTH	GERMANY	0	0.000	1	0.046
INT-J-ANDROLOGY	UNITED KINGDOM	2	0.058	0	0.000
INT-J-ANTHROPOL	ITALY	2	0.058	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
INT-J-ANTIMICROB-AGENTS	THE NETHERLANDS	0	0.000	1	0.046
INT-J-ARTIF-ORGANS	ITALY	1	0.029	0	0.000
INT-J-BIOL-MACROMOL	UNITED KINGDOM	2	0.058	1	0.046
INT-J-BIO-MED-COMPUT	IRELAND	1	0.029	2	0.091
INT-J-BIOMETEOROL	USA	1	0.029	0	0.000
INT-J-CANCER	USA	2	0.058	3	0.137
INT-J-CARD-IMAGING	THE NETHERLANDS	1	0.029	0	0.000
INT-J-CARDIOL	THE NETHERLANDS	18	0.521	15	0.684
INT-J-CLIN-PHARMACOL-THER-TOXICOL	GERMANY	2	0.058	2	0.091
INT-J-COSMET-SCI	UNITED KINGDOM	1	0.029	0	0.000
INT-J-CRUDE-DRUG-RES	THE NETHERLANDS	12	0.348	0	0.000
INT-J-DERMATOL	USA	19	0.550	8	0.365
INT-J-DEV-BIOL	SPAIN	0	0.000	2	0.091
INT-J-EPIDEMIOLOG	UNITED KINGDOM	3	0.087	0	0.000
INT-J-EXP-PATHOL	UNITED KINGDOM	1	0.029	0	0.000
INT-J-FERTIL	USA	2	0.058	1	0.046
INT-J-FERTIL-MENOPAUSAL-STUD	USA	0	0.000	1	0.046
INT-J-FOOD-MICROBIOL	THE NETHERLANDS	1	0.029	0	0.000
INT-J-GYNECOL-OBSTET	IRELAND	8	0.232	9	0.410
INT-J-HEALTH-PLANN-MANAGE	UNITED KINGDOM	0	0.000	1	0.046
INT-J-HEALTH-SERV	USA	1	0.029	0	0.000
INT-J-HYPERTHERMIA	UNITED KINGDOM	2	0.058	0	0.000
INT-J-IMMUNOPHARM	UNITED KINGDOM	2	0.058	0	0.000
INT-J-LEPR	USA	16	0.463	5	0.228
INT-J-MENT-HEALTH	USA	1	0.029	0	0.000
INT-J-ONCOL	GREECE	0	0.000	1	0.046
INT-J-ORAL-MAXILLOFAC-SURG	DENMARK	1	0.029	0	0.000
INT-J-PANCREATOLOGY	USA	1	0.029	1	0.046
INT-J-PARASITOL	UNITED KINGDOM	4	0.116	1	0.046
INT-J-PEDIATR-OTORHINOLARYNGOL	THE NETHERLANDS	1	0.029	1	0.046
INT-J-PEPT-PROTEIN-RES	DENMARK	6	0.174	4	0.182
INT-J-PHARM	THE NETHERLANDS	4	0.116	3	0.137
INT-J-PHARMACOGEN	THE NETHERLANDS	0	0.000	13	0.593
INT-J-RADIAT-BIOL	UNITED KINGDOM	1	0.029	1	0.046
INT-J-RADIAT-ONCOL-BIOL-PHYS	USA	0	0.000	3	0.137
INT-J-REHABIL-RES	UNITED KINGDOM	2	0.058	0	0.000
INT-J-SOC-PSYCHIATRY	UNITED KINGDOM	1	0.029	0	0.000
INT-J-STD-AIDS	UNITED KINGDOM	2	0.058	2	0.091
INT-J-TECHNOL-ASSESS-HEALTH-CARE	USA	0	0.000	1	0.046
INT-J-VITAM-NUTR-RES	SWITZERLAND	1	0.029	0	0.000
INT-J-WATER-RESOUR-DEV	UNITED KINGDOM	2	0.058	0	0.000
INT-ORTHOP	GERMANY	3	0.087	2	0.091
INT-SURG	ITALY	1	0.029	1	0.046
INT-UROL-NEPHROL	HUNGARY	0	0.000	3	0.137
IN-VITRO-CELL-DEV-BIOL	USA	1	0.029	0	0.000
J-ACOUST-SOC-AM	USA	4	0.116	3	0.137
J-ACQUIRED-IMMUNE-DEFIC-SYNDR	USA	2	0.058	0	0.000
J-AFFECT-DISORD	THE NETHERLANDS	0	0.000	1	0.046
J-AM-ACAD-CHILD-ADOLESC-PSYCHIATRY	USA	0	0.000	1	0.046
J-AM-ACAD-DERMATOL	USA	1	0.029	0	0.000
J-AM-CHEM-SOC	USA	3	0.087	0	0.000
J-AM-COLL-NUTR	USA	1	0.029	1	0.046
J-ANAT	UNITED KINGDOM	1	0.029	0	0.000
J-ANTIMICROB-CHEMOTHER	UNITED KINGDOM	1	0.029	2	0.091

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
J-APPL-BACTERIOL	UNITED KINGDOM	0	0.000	4	0.182
J-APPL-CARDIOL	USA	1	0.029	0	0.000
J-APPL-TOXICOL	UNITED KINGDOM	3	0.087	1	0.046
J-ASTHMA	USA	0	0.000	1	0.046
J-BACTERIOL	USA	1	0.029	5	0.228
J-BIOACT-COMPAT-POLYM	USA	1	0.029	0	0.000
J-BIOCHEM	JAPAN	0	0.000	1	0.046
J-BIOCHEM-BIOPHYS-METHODS	THE NETHERLANDS	3	0.087	1	0.046
J-BIOENERG-BIOMEMBRANES	USA	1	0.029	0	0.000
J-BIOL-CHEM	USA	5	0.145	8	0.365
J-BIOMECH	UNITED KINGDOM	1	0.029	0	0.000
J-BIOMECH-ENG	USA	1	0.029	0	0.000
J-BIOMED-MATER-RES	USA	3	0.087	0	0.000
J-BIOMOL-STRUCT-DYN	USA	1	0.029	1	0.046
J-BIOSCI	INDIA	12	0.348	4	0.182
J-BIOTECHNOL	THE NETHERLANDS	2	0.058	4	0.182
J-BONE-JT-SURG-SER-A	USA	3	0.087	2	0.091
J-BONE-JT-SURG-SER-B	USA	0	0.000	2	0.091
J-CAN-ASSOC-RADIOL	CANADA	6	0.174	0	0.000
J-CANCER-RES-CLIN-ONCOL	GERMANY	2	0.058	1	0.046
J-CAN-SOC-FORENSIC-SCI	CANADA	1	0.029	0	0.000
J-CARBOHYDR-CHEM	USA	1	0.029	0	0.000
J-CARDIOTHORACIC-ANESTH	USA	1	0.029	0	0.000
J-CARDIOTHORAC-VASC-ANESTH	USA	0	0.000	5	0.228
J-CARDIOVASC-DIAGN-PROC	USA	0	0.000	1	0.046
J-CARDIOVASC-SURG	ITALY	2	0.058	1	0.046
J-CARD-SURG	USA	0	0.000	2	0.091
J-CATARACT-REFRACTIVE-SURG	USA	0	0.000	4	0.182
J-CELL-BIOCHEM	USA	1	0.029	0	0.000
J-CELL-PHYSIOL	USA	0	0.000	1	0.046
J-CHEM-SOC-SER-CHEM-COMMUN	UNITED KINGDOM	4	0.116	4	0.182
J-CHEM-TECHNOL-BIOTECHNOL	UNITED KINGDOM	9	0.261	10	0.456
J-CHROMATOGR	THE NETHERLANDS	8	0.232	0	0.000
J-CHROMATOGR-A	THE NETHERLANDS	0	0.000	4	0.182
J-CHROMATOGR-B-BIOMED-APPL	THE NETHERLANDS	1	0.029	3	0.137
J-CHROMATOGR-SCI	USA	2	0.058	0	0.000
J-CLIN-EPIDEMIOL	UNITED KINGDOM	0	0.000	1	0.046
J-CLIN-GASTROENTEROL	USA	5	0.145	1	0.046
J-CLIN-MICROBIOL	USA	0	0.000	2	0.091
J-CLIN-ONCOL	USA	0	0.000	1	0.046
J-CLIN-PATHOL	UNITED KINGDOM	3	0.087	1	0.046
J-CLIN-ULTRASOUND	USA	2	0.058	0	0.000
J-COMP-PATHOL	UNITED KINGDOM	1	0.029	0	0.000
J-COMP-PHYSIOL-B-BIOCHEM-SYST- ENVIRON-PH	GERMANY	1	0.029	0	0.000
J-COMPUT-ASSISTED-TOMOGRAPHY	USA	1	0.029	0	0.000
J-CONTROL-RELEASE	THE NETHERLANDS	2	0.058	0	0.000
J-DERMATOL	JAPAN	1	0.029	11	0.502
J-DERMATOL-SCI	UNITED KINGDOM	0	0.000	1	0.046
J-DERMATOL-TREAT	UNITED KINGDOM	1	0.029	0	0.000
J-DIABETIC-ASSOC-INDIA	INDIA	13	0.376	0	0.000
J-DIARRHOEAL-DIS-RES	BANGLADESH	0	0.000	1	0.046
J-ELECTRON-MICROSC-TECH	USA	1	0.029	0	0.000
J-ENDOCRINOL	UNITED KINGDOM	2	0.058	2	0.091

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
J-ENDOUROL	USA	0	0.000	1	0.046
J-ENVIRON-BIOL	INDIA	39	1.129	28	1.277
J-ENVIRON-ENG	USA	0	0.000	1	0.046
J-ENVIRON-MANAGE	UNITED KINGDOM	1	0.029	1	0.046
J-ENVIRON-RADIOACT	UNITED KINGDOM	1	0.029	0	0.000
J-ENVIRON-SCI-HEALTH-PART-A- ENVIRON-SCI-ENG	USA	2	0.058	5	0.228
J-ENVIRON-SCI-HEALTH-PART-B- PESTIC-FOOD-CONTAMIN AGRIC WASTE	USA	3	0.087	0	0.000
J-ENZYME-INHIB	UNITED KINGDOM	0	0.000	1	0.046
J-EPIDEMIOLOG-HEALTH	UNITED KINGDOM	2	0.058	0	0.000
J-ETHNOPHARMACOL	IRELAND	16	0.463	9	0.410
J-EUR-ACAD-DERMATOL-VEREREOL	THE NETHERLANDS	0	0.000	4	0.182
J-EXP-CLIN-CANCER-RES	ITALY	1	0.029	1	0.046
J-EXP-PATHOL-GBR	UNITED KINGDOM	1	0.029	0	0.000
J-EXP-ZOOL	USA	1	0.029	0	0.000
J-FERMENT-BIOENG	JAPAN	5	0.145	1	0.046
J-GASTROENTEROL-HEPATOL	AUSTRALIA	8	0.232	4	0.182
J-GEN-APPL-MICROBIOL	JAPAN	3	0.087	4	0.182
J-GEN-MICROBIOL	UNITED KINGDOM	6	0.174	0	0.000
J-GEN-VIROL	UNITED KINGDOM	0	0.000	2	0.091
J-HAND-SURG-GBR	UNITED KINGDOM	0	0.000	1	0.046
J-HAND-SURG-UK	UNITED KINGDOM	3	0.087	0	0.000
J-HAZARD-MATER	THE NETHERLANDS	0	0.000	1	0.046
J-HAZARD-MATERIALS	THE NETHERLANDS	1	0.029	0	0.000
J-HEART-VALVE-DIS	UNITED KINGDOM	0	0.000	4	0.182
J-HELMINTHOL	UNITED KINGDOM	3	0.087	1	0.046
J-HERED	USA	3	0.087	1	0.046
J-HETEROCYCLIC-CHEM	USA	2	0.058	1	0.046
J-HOSP-INFECT	UNITED KINGDOM	2	0.058	0	0.000
J-HUM-HYPERTENS	UNITED KINGDOM	1	0.029	2	0.091
J-IMMUNOASSAY	USA	2	0.058	1	0.046
J-IMMUNOL	USA	0	0.000	1	0.046
J-IMMUNOL-METHODS	THE NETHERLANDS	0	0.000	2	0.091
J-INDIAN-ACAD-FORENSIC-SCI	INDIA	14	0.405	0	0.000
J-INDIAN-CHEM-SOC	INDIA	271	7.848	0	0.000
J-INDIAN-MED-ASSOC	INDIA	17	0.492	10	0.456
J-IND-MICROBIOL	UNITED KINGDOM	0	0.000	1	0.046
J-INFECT	UNITED KINGDOM	2	0.058	2	0.091
J-INFECT-DIS	USA	1	0.029	0	0.000
J-INORG-BIOCHEM	USA	7	0.203	5	0.228
J-INT-MED-SCI-ACAD	INDIA	0	0.000	2	0.091
J-INVERTEBR-PATHOL	USA	2	0.058	0	0.000
J-IN-VITRO-FERTIL-EMBRYO-TRANSF	USA	1	0.029	0	0.000
J-JPN-ORTHOP-ASSOC	JAPAN	1	0.029	1	0.046
J-KOREAN-MED-SCI	SOUTH-KOREA	1	0.029	0	0.000
J-LABEL-COMPD-RADIOPHARM	UNITED KINGDOM	0	0.000	1	0.046
J-LARYNGOL-OTOL	UNITED KINGDOM	6	0.174	5	0.228
J-LIPID-MEDIATORS	THE NETHERLANDS	1	0.029	0	0.000
J-LIQ-CHROMATOGR	USA	4	0.116	1	0.046
J-MED-CHEM	USA	3	0.087	1	0.046
J-MED-GENET	UNITED KINGDOM	2	0.058	1	0.046
J-MED-MICROBIOL	UNITED KINGDOM	5	0.145	3	0.137
J-MED-PRIMATOL	DENMARK	1	0.029	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
J-MED-SYST	USA	1	0.029	0	0.000
J-MED-VET-MYCOL	UNITED KINGDOM	4	0.116	0	0.000
J-MED-VIROL	USA	1	0.029	2	0.091
J-MEMBR-SCI	THE NETHERLANDS	5	0.145	5	0.228
J-MICROBIOL-METHODS	THE NETHERLANDS	0	0.000	2	0.091
J-MICROENCAPSULATION	UNITED KINGDOM	3	0.087	3	0.137
J-MICRONUTR-ANAL	UNITED KINGDOM	1	0.029	0	0.000
J-MOL-BIOL	UNITED KINGDOM	1	0.029	6	0.274
J-MOL-GRAPH	USA	0	0.000	1	0.046
J-MORPHOL	USA	2	0.058	0	0.000
J-NATL-CANCER-INST	USA	1	0.029	0	0.000
J-NAT-PROD-LLOYDIA	USA	9	0.261	4	0.182
J-NERV-MENT-DIS	USA	0	0.000	1	0.046
J-NEURAL-TRANSM	AUSTRIA	1	0.029	0	0.000
J-NEUROCHEM	USA	1	0.029	2	0.091
J-NEUROL-NEUROSURG-PSYCHIATRY	UNITED KINGDOM	3	0.087	1	0.046
J-NEUROL-SCI	THE NETHERLANDS	1	0.029	3	0.137
J-NEUROSURG	USA	0	0.000	5	0.228
J-NEUROSURG-ANESTHESIOL	USA	0	0.000	1	0.046
J-NUCL-MED	USA	1	0.029	0	0.000
J-NUTR-BIOCHEM	USA	1	0.029	1	0.046
J-NUTR-IMMUNOL	USA	0	0.000	2	0.091
J-NUTR-MED	UNITED KINGDOM	0	0.000	2	0.091
J-OBSTET-GYNECOL	UNITED KINGDOM	1	0.029	0	0.000
J-OCCUP-ACCIDENTS	THE NETHERLANDS	1	0.029	0	0.000
J-ORG-CHEM	USA	6	0.174	1	0.046
J-PAEDIATR-CHILD-HEALTH	AUSTRALIA	0	0.000	1	0.046
J-PAK-MED-ASSOC	PAKISTAN	1	0.029	0	0.000
J-PARASITOL	USA	1	0.029	1	0.046
J-PATHOL	UNITED KINGDOM	1	0.029	0	0.000
J-PEDIATR-OPHTHAL-STRABISMUS	USA	2	0.058	1	0.046
J-PEDIATR-SURG	USA	1	0.029	3	0.137
J-PEDODONTICS	USA	1	0.029	0	0.000
J-PHARMACOL-TOXICOL-METHODS	USA	0	0.000	1	0.046
J-PHARM-BIOMED-ANAL	UNITED KINGDOM	1	0.029	3	0.137
J-PHARM-PHARMACOL	UNITED KINGDOM	0	0.000	1	0.046
J-PHARM-SCI	USA	1	0.029	2	0.091
J-PHARM-TECHNOL	USA	0	0.000	1	0.046
J-PHOTOCHEM-PHOTOBIOL-B-BIOL	SWITZERLAND	0	0.000	1	0.046
J-PHYSIOL-PHARMACOL	POLAND	0	0.000	1	0.046
J-PINEAL-RES	DENMARK	1	0.029	0	0.000
JPN-HEART-J	JAPAN	3	0.087	0	0.000
JPN-J-EXP-MED	JAPAN	5	0.145	0	0.000
JPN-J-MED-SCI-BIOL	JAPAN	2	0.058	0	0.000
JPN-J-PHYSIOL	JAPAN	1	0.029	0	0.000
JPN-J-SURG	JAPAN	4	0.116	0	0.000
J-PROTEIN-CHEM	USA	3	0.087	0	0.000
J-PROTOZOOL	USA	3	0.087	0	0.000
J-PSYCHOSOM-OBSTET-GYNECOL	UNITED KINGDOM	0	0.000	1	0.046
J-RADIOANAL-NUCL-CHEM	HUNGARY	38	1.100	34	1.550
J-RADIOL-PROT	UNITED KINGDOM	0	0.000	1	0.046
J-R-COLL-SURG-EDINBURGH	UNITED KINGDOM	0	0.000	1	0.046
J-REHABIL-RES-DEV	USA	1	0.029	0	0.000
J-REPROD-FERTIL	UNITED KINGDOM	2	0.058	1	0.046

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
J-REPROD-IMMUNOL	IRELAND	0	0.000	1	0.046
J-REPROD-MED-OBSTET-GYNECOL	USA	1	0.029	2	0.091
J-R-SOC-HEALTH	UNITED KINGDOM	3	0.087	1	0.046
J-SOC-OCCUP-MED	UNITED KINGDOM	1	0.029	0	0.000
J-SPORTS-MED-PHYS-FITNESS	ITALY	1	0.029	0	0.000
J-STEROID-BIOCHEM-MOL-BIOL	UNITED KINGDOM	2	0.058	2	0.091
J-SURG-ONCOL	USA	9	0.261	13	0.593
J-THEOR-BIOL	UNITED KINGDOM	2	0.058	3	0.137
J-THORAC-CARDIOVASC-SURG	USA	1	0.029	4	0.182
J-TOXICOL-ENVIRON-HEALTH	USA	0	0.000	1	0.046
J-TOXICOL-TOXIN-REV	USA	0	0.000	1	0.046
J-TRACE-ELEM-ELECTROLYTES-HEALTH-DIS	GERMANY	0	0.000	1	0.046
J-TRACE-ELEM-EXP-MED	USA	2	0.058	1	0.046
J-TRAFFIC-MED	SWEDEN	1	0.029	0	0.000
J-TRAUMA	USA	2	0.058	0	0.000
J-TROP-MED-HYG	UNITED KINGDOM	2	0.058	1	0.046
J-TROP-PEDIATR	UNITED KINGDOM	9	0.261	9	0.410
J-TUMOR-MARKER-ONCOL	USA	1	0.029	0	0.000
J-ULTRASOUND-MED	USA	1	0.029	0	0.000
J-UOEH	JAPAN	0	0.000	1	0.046
J-UROL	USA	4	0.116	5	0.228
J-VET-MED-SER-A	GERMANY	1	0.029	0	0.000
J-VIROL	USA	1	0.029	0	0.000
J-VIROL-METHODS	THE NETHERLANDS	0	0.000	1	0.046
J-VISUAL-IMPAIRM-BLINDN	USA	2	0.058	0	0.000
J-VOICE	USA	1	0.029	0	0.000
J-WILDERNESS-MED	USA	0	0.000	1	0.046
LAB-ANIM	UNITED KINGDOM	1	0.029	0	0.000
LANCET	UNITED KINGDOM	25	0.724	17	0.775
LARYNGOSCOPE	USA	1	0.029	0	0.000
LEPR-REV	UNITED KINGDOM	13	0.376	9	0.410
LETT-APPL-MICROBIOL	UNITED KINGDOM	3	0.087	8	0.365
LEUK-LYMPHOMA	UNITED KINGDOM	2	0.058	1	0.046
LEUK-RES	UNITED KINGDOM	1	0.029	1	0.046
LIFE-SCI	USA	6	0.174	1	0.046
LIPIDS	USA	1	0.029	0	0.000
LIVER	DENMARK	0	0.000	1	0.046
LUNG	USA	0	0.000	1	0.046
LYMPHOLOGY	USA	1	0.029	1	0.046
MAGNES-TRACE-ELEM	SWITZERLAND	3	0.087	0	0.000
MAR-POLLUT-BULL	UNITED KINGDOM	2	0.058	0	0.000
MATH-BIOSCI	USA	1	0.029	2	0.091
MAT-MED-POL	POLAND	2	0.058	0	0.000
MECH-AGEING-DEV	IRELAND	2	0.058	2	0.091
MED-BIOL-ENG-COMPUT	UNITED KINGDOM	1	0.029	1	0.046
MED-ENG-PHYS	UNITED KINGDOM	0	0.000	1	0.046
MEDICINE	USA	0	0.000	1	0.046
MED-LAB-SCI	UNITED KINGDOM	1	0.029	0	0.000
MED-MICROBIOL-IMMUNOL	GERMANY	1	0.029	0	0.000
MED-ONCOL-TUMOR-PHARMACOTHER	UNITED KINGDOM	1	0.029	0	0.000
MED-SCI-LAW	UNITED KINGDOM	1	0.029	3	0.137
MED-SCI-RES	UNITED KINGDOM	34	0.985	26	1.186
METHODS-FIND-EXP-CLIN-PHARMACOL	SPAIN	5	0.145	1	0.046
MICROBIOL-ALIMENTS-NUTR	FRANCE	3	0.087	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
MICROBIOL - IMMUNOL	JAPAN	1	0.029	2	0.091
MICROBIOLOGY	UNITED KINGDOM	0	0.000	6	0.274
MICROBIOS	UNITED KINGDOM	2	0.058	0	0.000
MICROBIOS-LETT	UNITED KINGDOM	7	0.203	0	0.000
MICROB-PATHOG	UNITED KINGDOM	1	0.029	0	0.000
MINIMALLY- INVASIVE- THER	UNITED KINGDOM	0	0.000	2	0.091
MOL -BIOCHEM-PARASITOL	THE NETHERLANDS	0	0.000	2	0.091
MOL -CELL-BIOCHEM	THE NETHERLANDS	7	0.203	10	0.456
MOL -CHEM-NEUROPATHOL	USA	1	0.029	0	0.000
MOL -GEN-GENET	GERMANY	1	0.029	0	0.000
MOL -REPROD-DEV	USA	0	0.000	3	0.137
MOV -DISORD	USA	1	0.029	0	0.000
MUTAGENESIS	UNITED KINGDOM	2	0.058	2	0.091
MUTAT-RES-ENVIRON-MUTAGEN- RELAT-SUBJ- INC	THE NETHERLANDS	0	0.000	1	0.046
MUTAT-RES-FUNDAM-MOL-MECH-MUTAGEN	THE NETHERLANDS	0	0.000	5	0.228
MUTAT-RES-GENET-TOXICOL	THE NETHERLANDS	0	0.000	10	0.456
MUTAT-RES-MUTAT-RES-LETT	THE NETHERLANDS	0	0.000	1	0.046
MYCOPATHOLOGIA	THE NETHERLANDS	7	0.203	0	0.000
MYCOSES	GERMANY	3	0.087	1	0.046
NATL -MED-J -INDIA	INDIA	30	0.869	11	0.502
NAT-PROD-LETT	UNITED KINGDOM	0	0.000	4	0.182
NATURE	UNITED KINGDOM	0	0.000	2	0.091
NAUNYN-SCHMIEDEBERGS-ARCH-PHARMACOL	GERMANY	1	0.029	0	0.000
NEOPLASMA	CZECHOSLOVAKIA	7	0.203	6	0.274
NEPHROL -DIAL -TRANSPLANT	UNITED KINGDOM	0	0.000	3	0.137
NEPHRON	SWITZERLAND	1	0.029	6	0.274
NEUROCHEM- INT	UNITED KINGDOM	0	0.000	2	0.091
NEUROCHEM-RES	USA	2	0.058	1	0.046
NEUROCOMPUTING	THE NETHERLANDS	0	0.000	1	0.046
NEUROENDOCRINOL -LETT	GERMANY	1	0.029	0	0.000
NEUROEPIDEMIOLOGY	SWITZERLAND	1	0.029	2	0.091
NEUROL -INDIA	INDIA	0	0.000	14	0.638
NEUROLOGY	USA	1	0.029	0	0.000
NEUROPEPTIDES	UNITED KINGDOM	0	0.000	1	0.046
NEURORADIOLOGY	GERMANY	2	0.058	3	0.137
NEUROREPORT	UNITED KINGDOM	0	0.000	2	0.091
NEUROSCIENCE	UNITED KINGDOM	1	0.029	0	0.000
NEUROSCI-LETT	THE NETHERLANDS	4	0.116	2	0.091
NEUROSCI-RES	IRELAND	0	0.000	1	0.046
NEUROSURGERY	USA	3	0.087	1	0.046
NEUROTOXICOL -TERATOL	USA	0	0.000	2	0.091
NEW-ENGL -J-MED	USA	2	0.058	0	0.000
NEW-ZEALAND-MED-J	NEW-ZEALAND	2	0.058	0	0.000
NUCLEIC-ACIDS-RES	UNITED KINGDOM	3	0.087	4	0.182
NUCLEOSIDES-NUCLEOTIDES	USA	2	0.058	4	0.182
NUCL-MED-BIOL	UNITED KINGDOM	0	0.000	3	0.137
NUCL-MED-BIOL-INT-J- RADIAT-APPL -INSTRUM	UNITED KINGDOM	3	0.087	0	0.000
NUCL-MED-COMMUN	UNITED KINGDOM	0	0.000	1	0.046
NUTR -CANCER	USA	2	0.058	2	0.091
NUTRITION	USA	1	0.029	2	0.091
NUTR-RES	USA	3	0.087	3	0.137
OBSTET -GYNECOL	USA	0	0.000	2	0.091

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
ONCOLOGY-SWITZERLAND	SWITZERLAND	5	0.145	0	0.000
OPHTHALMIC-RES	SWITZERLAND	0	0.000	1	0.046
OPHTHALMIC-SURG	USA	2	0.058	6	0.274
OPHTHALMOLOGICA	SWITZERLAND	0	0.000	1	0.046
OPHTHALMOLOGY	USA	0	0.000	1	0.046
OPTOM-VIS-SCI	USA	1	0.029	0	0.000
ORAL-SURG-ORAL-MED-ORAL-PATHOL	USA	4	0.116	0	0.000
ORBIT	THE NETHERLANDS	2	0.058	0	0.000
ORL	SWITZERLAND	0	0.000	1	0.046
ORTHOPEDICS	USA	2	0.058	0	0.000
PAIN-CLINIC	THE NETHERLANDS	0	0.000	1	0.046
PAK-J-OTOLARYNGOL	PAKISTAN	9	0.261	0	0.000
PARAPLEGIA	UNITED KINGDOM	1	0.029	2	0.091
PARASITE-IMMUNOL	UNITED KINGDOM	0	0.000	1	0.046
PARASITOLOGY	UNITED KINGDOM	1	0.029	2	0.091
PARASITOL-RES	GERMANY	1	0.029	0	0.000
PATHOLOGY	AUSTRALIA	1	0.029	0	0.000
PATHOPHYSIOLOGY	THE NETHERLANDS	0	0.000	1	0.046
PEDIATR-CARDIOL	USA	2	0.058	0	0.000
PEDIATR-DERMATOL	USA	0	0.000	2	0.091
PEDIATR-HEMATOL-ONCOL	USA	1	0.029	1	0.046
PEDIATR-INFECT-DIS-J	USA	1	0.029	1	0.046
PEDIATR-NEPHROL	GERMANY	0	0.000	1	0.046
PEDIATR-NEUROSURG	SWITZERLAND	1	0.029	0	0.000
PEDIATR-RADIOL	GERMANY	0	0.000	1	0.046
PEDIATR-SURG-INT	GERMANY	2	0.058	10	0.456
PERCEPT-MOT-SKILLS	USA	1	0.029	0	0.000
PERIOD-BIOL	YUGOSLAVIA	1	0.029	0	0.000
PESTIC-BIOCHEM-PHYSIOL	USA	1	0.029	0	0.000
PHARMACOL-BIOCHEM-BEHAV	USA	0	0.000	3	0.137
PHARMACOL-COMMUN	UNITED KINGDOM	0	0.000	1	0.046
PHARMACOLOGY	SWITZERLAND	1	0.029	0	0.000
PHARMACOL-RES	UNITED KINGDOM	3	0.087	1	0.046
PHARMACOL-TOXICOL	DENMARK	1	0.029	2	0.091
PHARMAZIE	GERMANY	0	0.000	12	0.547
PHARM-RES	USA	1	0.029	0	0.000
PHYSIOL-BEHAV	USA	2	0.058	2	0.091
PHYS-MED	ITALY	1	0.029	0	0.000
PHYS-MED-BIOL	UNITED KINGDOM	2	0.058	0	0.000
PHYTOTHER-RES	UNITED KINGDOM	4	0.116	10	0.456
PLACENTA	UNITED KINGDOM	1	0.029	0	0.000
PLANTA-MED	GERMANY	5	0.145	5	0.228
PLAST-RECONSTR-SURG	USA	3	0.087	4	0.182
PLATELETS	UNITED KINGDOM	1	0.029	0	0.000
POSTGRAD-MED	USA	1	0.029	0	0.000
POSTGRAD-MED-J	UNITED KINGDOM	7	0.203	6	0.274
PROC-NATL-ACAD-SCI-U-S-A	USA	1	0.029	3	0.137
PROC-R-SOC-LONDON-B-BIOL-SCI	UNITED KINGDOM	1	0.029	1	0.046
PROC-SOC-EXP-BIOL-MED	USA	1	0.029	0	0.000
PROG-DRUG-RES	SWITZERLAND	2	0.058	2	0.091
PROG-LIPID-RES	UNITED KINGDOM	1	0.029	0	0.000
PROG-NEURO-PSYCHOPHARMACOL- BIOL-PSYCHIAT	UNITED KINGDOM	1	0.029	0	0.000

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
PROSTAGLANDINS-LEUKOTRIENES- ESSENT-FATTY	UNITED KINGDOM	1	0.029	3	0.137
PROSTATE	USA	1	0.029	1	0.046
PROSTHET-ORTHOT-INT	DENMARK	0	0.000	1	0.046
PROTEIN-ENG	UNITED KINGDOM	1	0.029	2	0.091
PROTEIN-SCI	USA	0	0.000	1	0.046
PROTEINS-STRUCT-FUNCT-GENET	USA	0	0.000	1	0.046
PSYCHOL-REP	USA	2	0.058	0	0.000
PSYCHOPHARMACOLOGY	GERMANY	1	0.029	0	0.000
RADIAT-ENVIRON-BIOPHYS	USA	0	0.000	1	0.046
RADIAT-PHYS-CHEM	UNITED KINGDOM	0	0.000	14	0.638
RADIAT-PHYS-CHEM-INT-J- RADIAT-APPL-INSTR	UNITED KINGDOM	8	0.232	0	0.000
RADIAT-PROT-DOSIM	UNITED KINGDOM	3	0.087	6	0.274
RADIAT-RES	USA	2	0.058	1	0.046
RADIOL-MED	ITALY	0	0.000	1	0.046
RADIOLOGY	USA	1	0.029	0	0.000
REG-ANESTH	USA	0	0.000	1	0.046
REGUL-PEPT	THE NETHERLANDS	0	0.000	1	0.046
REPROD-FERTIL-DEV	AUSTRALIA	0	0.000	1	0.046
RES-COMMUN-CHEM-PATHOL-PHARMACOL	USA	2	0.058	0	0.000
RES-COMMUN-MOL-PATHOL-PHARMACOL	USA	0	0.000	1	0.046
RES-EXP-MED	GERMANY	1	0.029	0	0.000
RES-MICROBIOL	FRANCE	0	0.000	1	0.046
RESPIRATION	SWITZERLAND	0	0.000	1	0.046
RES-VET-SCI	UNITED KINGDOM	2	0.058	1	0.046
REV-BRAS-GENET	BRAZIL	0	0.000	1	0.046
REV-INFECT-DIS	USA	1	0.029	0	0.000
RHEUMATOL-INT	GERMANY	0	0.000	3	0.137
RIV-NEURORADIOL	ITALY	0	0.000	1	0.046
SCAND-J-CLIN-LAB-INVEST	UNITED KINGDOM	0	0.000	1	0.046
SCAND-J-GASTROENTEROL	NORWAY	0	0.000	1	0.046
SCAND-J-INFECT-DIS	SWEDEN	2	0.058	0	0.000
SCHIZOPHR-RES	THE NETHERLANDS	2	0.058	0	0.000
SCI-TECH-PRAT-PHARM	FRANCE	2	0.058	0	0.000
SCI-TOTAL-ENVIRON	THE NETHERLANDS	6	0.174	2	0.091
SELECT-CANCER-THER	USA	1	0.029	0	0.000
SERODIAGN-IMMUNOTHER-INFECT-DIS	UNITED KINGDOM	2	0.058	2	0.091
SEX-TRANSM-DIS	USA	0	0.000	1	0.046
SINGAPORE-MED-J	SINGAPORE	0	0.000	1	0.046
SKELET-RADIOL	GERMANY	0	0.000	1	0.046
SOC-SCI-MED	UNITED KINGDOM	2	0.058	1	0.046
SOMATIC-CELL-MOL-GENET	USA	2	0.058	0	0.000
SOZ-PRAVENTIVMED	SWITZERLAND	0	0.000	1	0.046
SPINE	USA	0	0.000	1	0.046
STAR	USA	12	0.348	0	0.000
STEROIDS	USA	1	0.029	1	0.046
STRAHLENTHER-ONKOL	GERMANY	3	0.087	1	0.046
STRESS-MED	UNITED KINGDOM	1	0.029	0	0.000
SURGERY	USA	1	0.029	1	0.046
SURG-GYNECOL-OBSTET	USA	1	0.029	0	0.000
SURG-NEUROL	USA	0	0.000	3	0.137
SURG-RES-COMMUN	UNITED KINGDOM	1	0.029	0	0.000
SURG-TODAY	JAPAN	0	0.000	2	0.091

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
SYNTH-COMMUN	USA	0	0.000	23	1.049
SYNTHESIS	GERMANY	3	0.087	2	0.091
SYST-APPL-MICROBIOL	GERMANY	1	0.029	0	0.000
TETRAHEDRON	UNITED KINGDOM	8	0.232	39	1.778
TETRAHEDRON-ASYMMETRY	UNITED KINGDOM	1	0.029	6	0.274
TETRAHEDRON-LETT	UNITED KINGDOM	45	1.303	47	2.143
THORAC-CARDIOVASC-SURG	GERMANY	1	0.029	2	0.091
THORAX	UNITED KINGDOM	1	0.029	1	0.046
THROMB-RES	USA	1	0.029	0	0.000
THYROID	USA	0	0.000	1	0.046
TISSUE-CELL	UNITED KINGDOM	1	0.029	0	0.000
TOXIC-ASSESS	USA	2	0.058	0	0.000
TOXICOL-IND-HEALTH	USA	1	0.029	0	0.000
TOXICOL-LETT	THE NETHERLANDS	1	0.029	1	0.046
TOXICOLOGY	IRELAND	0	0.000	2	0.091
TOXICOL-VITRO	UNITED KINGDOM	1	0.029	0	0.000
TOXICON	UNITED KINGDOM	4	0.116	4	0.182
TRACE-ELEM-ELECTROCYTES	GERMANY	0	0.000	2	0.091
TRACE-ELEM-MED	GERMANY	3	0.087	0	0.000
TRANSPLANTATION	USA	2	0.058	5	0.228
TRANSPLANT-IMMUNOL	UNITED KINGDOM	0	0.000	1	0.046
TRANSPLANT-PROC	USA	2	0.058	3	0.137
TRANS-R-SOC-TROP-MED-HYG	UNITED KINGDOM	10	0.290	4	0.182
TROP-DOCT	UNITED KINGDOM	5	0.145	10	0.456
TROP-GEOGR-MED	THE NETHERLANDS	1	0.029	1	0.046
TROP-MED-PARASITOL	GERMANY	13	0.376	0	0.000
TUBERCLE	UNITED KINGDOM	7	0.203	0	0.000
TUMOR-BIOL	SWITZERLAND	0	0.000	2	0.091
TUMORI	ITALY	1	0.029	1	0.046
ULTRASONICS	UNITED KINGDOM	1	0.029	0	0.000
UROL-INT	SWITZERLAND	1	0.029	9	0.410
UROL-RES	GERMANY	0	0.000	1	0.046
VACCINE	UNITED KINGDOM	4	0.116	3	0.137
VASC-SURG	USA	1	0.029	1	0.046
VET-HUM-TOXICOL	USA	4	0.116	2	0.091
VET-IMMUNOL-IMMUNOPATHOL	THE NETHERLANDS	0	0.000	1	0.046
VET-MICROBIOL	THE NETHERLANDS	0	0.000	1	0.046
VET-PARASITOL	THE NETHERLANDS	9	0.261	3	0.137
VET-REC	UNITED KINGDOM	1	0.029	1	0.046
VET-RES-COMMUN	THE NETHERLANDS	2	0.058	0	0.000
VISION-RES	UNITED KINGDOM	1	0.029	0	0.000
VOX-SANG	SWITZERLAND	0	0.000	1	0.046
WASTE-MANAGE-RES	UNITED KINGDOM	1	0.029	0	0.000
WATER-AIR-SOIL-POLLUT	THE NETHERLANDS	13	0.376	2	0.091
WATER-ENVIRON-RES	USA	0	0.000	1	0.046
WATER-RES	UNITED KINGDOM	5	0.145	3	0.137
WATER-SCI-TECHNOL	UNITED KINGDOM	3	0.087	0	0.000
WATER-TREAT	CHINA	0	0.000	1	0.046
WORLD-HEALTH-FORUM	SWITZERLAND	13	0.376	4	0.182
WORLD-HEALTH-STAT-Q	SWITZERLAND	1	0.029	0	0.000
WORLD-J-SURG	USA	0	0.000	1	0.046
XENOBIOTICA	UNITED KINGDOM	1	0.029	0	0.000
ZENTRALBL-BAKTERIOL	GERMANY	2	0.058	0	0.000
ZENTRALBL-HYG-UMWELTMED	GERMANY	1	0.029	0	0.000
Z-MIKROSK-ANAT-FORSCH-ABT-2	GERMANY	2	0.058	0	0.000

TABLE - 4 A
INSTITUTION AND CITY-WISE BREAK - UP OF PAPERS (1990 & 1994)
EXCERPTA MEDICA

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Aashlok Hospital	New Delhi	1	0.029	0	0.000
Action & Research in Community Health	Gadchiroli	1	0.029	0	0.000
Acworth Leprosy Hospital	Bombay	0	0.000	1	0.046
Acworth Leprosy Society for Research	Bombay	2	0.058	0	0.000
Administrative Staff College of India	Hyderabad	0	0.000	1	0.046
Advanced Centre for Diarrhoeal Diseases	New Delhi	0	0.000	1	0.046
Agharkar Research Institute	Pune	0	0.000	2	0.091
Agra College	Agra	2	0.058	0	0.000
Agra University	Agra	1	0.029	0	0.000
Agrawal Trading Company	Varanasi	0	0.000	1	0.046
Ahmedabad Electricity Company	Ahmedabad	1	0.029	0	0.000
Alagappa College of Technology	Madras	1	0.029	1	0.046
Alchemie Research Centre	Bombay	1	0.029	0	0.000
Aligarh Muslim University	Aligarh	32	0.927	12	0.547
All India Heart Foundation	New Delhi	1	0.029	0	0.000
All India Institute of Hygiene & Public Health	Calcutta	1	0.029	1	0.046
All India Institute of Medical Sciences	New Delhi	160	4.634	113	5.153
Amala Cancer Research Centre	Trichur	4	0.116	6	0.274
Analytical Laboratory Institute of Science	Bombay	0	0.000	2	0.091
Anamed Instruments (Pvt.) Ltd.	Bombay	2	0.058	0	0.000
Andhra University	Visakhapatnam	17	0.492	10	0.456
Annamalai University	Annamalai	6	0.174	5	0.228
Ansuya Leprosy Hospital & Training Centre	Vadodara	1	0.029	0	0.000
Apollo Hospital	Madras	0	0.000	1	0.046
Aravind Eye Hospital	Madurai	3	0.087	1	0.046
Archaeological Survey of India	Agra	1	0.029	0	0.000
Armed Forces Medical College	Pune	6	0.174	0	0.000
Army Hospital	New Delhi	1	0.029	1	0.046
Ashwini Rural Cancer Research & Relief Society	Barsi	0	0.000	1	0.046
Asopalov Eye Hospital	Ahmedabad	0	0.000	1	0.046
Assam Agricultural University	Guwahati	3	0.087	1	0.046
Astra Research Centre	Bangalore	0	0.000	2	0.091
Automotive Research Association of India	Pune	1	0.029	0	0.000
A.B. Hospital	Calcutta	0	0.000	3	0.137
A.B. Shetty Memorial Institute	Mangalore	0	0.000	1	0.046
A.P.S. University	Rewa	1	0.029	0	0.000
A.R. College of Pharmacy	Ahmedabad	0	0.000	3	0.137
Baby Memorial Hospital	Calicut	0	0.000	1	0.046
Ballygunge Science College	Calcutta	0	0.000	1	0.046
Banaras Hindu University	Varanasi	46	1.332	12	0.547
Bangalore Institute of Oncology	Bangalore	0	0.000	1	0.046
Bappa Sri Narayan Vocational Degree College	Lucknow	0	0.000	1	0.046
Bapuji Dental College	Davangere	2	0.058	0	0.000
Bareilly College	Bareilly	1	0.029	0	0.000
Barkatullah Vishwavidyalaya	Bhopal	1	0.029	2	0.091
Base Hospital	Lucknow	4	0.116	1	0.046
Batra Hospital & Medical Research Centre	New Delhi	1	0.029	2	0.091
Bawaskar Hospital & Research Centre	Mahad Raigad	0	0.000	1	0.046

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Bedi Clinic & Nursing Home	Patiala	1	0.029	0	0.000
Ben Nevis	Bombay	1	0.029	0	0.000
Bengal Engineering College	Howrah	1	0.029	1	0.046
Berhampur University	Berhampur	5	0.145	7	0.319
Bhabha Atomic Research Centre	Bombay	59	1.709	59	2.690
Bhabha Atomic Research Centre	Calcutta	1	0.029	0	0.000
Bhabha Atomic Research Centre	Kashmir	1	0.029	0	0.000
Bhagalpur College of Engineering	Bhagalpur	16	0.463	0	0.000
Bhagalpur University	Bhagalpur	0	0.000	3	0.137
Bharathiar University	Coimbatore	1	0.029	3	0.137
Bharathidasan University	Tiruchirapalli	2	0.058	5	0.228
Bhavnagar University	Bhavnagar	7	0.203	0	0.000
Bidhan Chandra Krishi Viswavidyalaya	Kalyani	4	0.116	1	0.046
Bikaner Hospital	Hanumangarh	1	0.029	0	0.000
Birla Institute of Technology	Ranchi	2	0.058	0	0.000
Birla Institute of Technology & Science	Pilani	2	0.058	4	0.182
Birsa Agricultural University	Ranchi	1	0.029	0	0.000
Bishop Heber College	Tiruchirapalli	1	0.029	0	0.000
BLDEA's Medical College & Hospital	Bijapur	0	0.000	1	0.046
Blood Research Centre	Bombay	1	0.029	0	0.000
Board of Radiation & Isotope Technology	Bombay	3	0.087	1	0.046
Bombay College of Pharmacy	Bombay	8	0.232	9	0.410
Bombay Hospital Institute of Medical Sciences	Bombay	5	0.145	9	0.410
Bombay Medical Centre	Bombay	1	0.029	0	0.000
Bombay University	Bombay	0	0.000	2	0.091
Rose Institute	Calcutta	19	0.550	7	0.319
Botanical Survey of India	Howrah	1	0.029	0	0.000
Breach Candy Hospital & Research Centre	Bombay	1	0.029	1	0.046
Burdwan Medical College	Burdwan	1	0.029	0	0.000
Burdwan University	Burdwan	0	0.000	3	0.137
B.J. Medical College	Ahmedabad	4	0.116	3	0.137
B.J. Medical College & Sassoon General Hospital	Pune	6	0.174	0	0.000
B.J. Wadia Hospital for Children	Bombay	2	0.058	6	0.274
B.M. Birla Heart Research Centre	Calcutta	0	0.000	1	0.046
B.N. Bhandarkar College of Science	Thane	1	0.029	0	0.000
B.N. College Pharmaceutical Sciences	Udaipur	0	0.000	1	0.046
B.R. Singh Hospital	Calcutta	1	0.029	0	0.000
B.R.D. Medical College	Gorakhpur	11	0.319	0	0.000
B.S. Medical College	Bankura	1	0.029	0	0.000
B.V. Patel Pharma Education Research & Development Centre	Gandhinagar	0	0.000	1	0.046
B.Y.L. Nair Hospital	Bombay	4	0.116	2	0.091
Cadila Ltd.	Ahmedabad	1	0.029	1	0.046
Calcutta National Medical College & Hospital	Calcutta	1	0.029	1	0.046
Calcutta School of Tropical Medicine	Calcutta	4	0.116	0	0.000
Calcutta Skin Institute	Calcutta	1	0.029	0	0.000
Calcutta University	Calcutta	25	0.724	12	0.547
Calicut Medical College	Calicut	0	0.000	1	0.046
Cancer Institute & Postgraduate Institute of Oncologic Sciences	Madras	1	0.029	0	0.000
Cancer Institute (WIA)	Madras	3	0.087	5	0.228
CCRAS Regional Research Institute	Calcutta	0	0.000	1	0.046
Central Arid Zone Research Institute	Jodhpur	1	0.029	1	0.046

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Central College	Bangalore	0	0.000	1	0.046
Central Drug Research Institute	Lucknow	94	2.722	39	1.778
Central Drugs Laboratory	Calcutta	1	0.029	0	0.000
Central Electrochemical Research Institute	Karaikudi	0	0.000	1	0.046
Central Food Technological Research Institute	Mysore	13	0.376	18	0.821
Central Forensic Science Laboratory	Calcutta	1	0.029	0	0.000
Central Forensic Science Laboratory	Chandigarh	2	0.058	0	0.000
Central Forensic Science Laboratory	Hyderabad	2	0.058	0	0.000
Central Forensic Science Laboratory	New Delhi	1	0.029	0	0.000
Central Government Health Scheme	Jaipur	1	0.029	2	0.091
Central Indian Pharmacology Laboratory	Ghaziabad	5	0.145	0	0.000
Central Inland Capture Fisheries Research Institute	Barrackpore	1	0.029	0	0.000
Central Institute of Agricultural Engineering	Bhopal	2	0.058	2	0.091
Central Institute of Fisheries Education	Bombay	1	0.029	0	0.000
Central Institute of Medicinal & Aromatic Plants	Lucknow	13	0.376	3	0.137
Central Institute of Psychiatry	Ranchi	1	0.029	3	0.137
Central Jalma Institute for Leprosy (ICMR)	Agra	16	0.463	3	0.137
Central Labour Institute	Bombay	1	0.029	1	0.046
Central Leather Research Institute	Madras	7	0.203	7	0.319
Central Leprosy Teaching & Research Institute	Chengalpattu	4	0.116	0	0.000
Central Mining Research Station	Dhanbad	2	0.058	0	0.000
Central Public Health & Drugs Laboratory	Calcutta	4	0.116	0	0.000
Central Research Institute	Kasauli	8	0.232	1	0.046
Central Research Institute for Yoga	New Delhi	0	0.000	1	0.046
Central Rice Research Institute	Cuttack	2	0.058	0	0.000
Central Salt & Marine Chemicals Research Institute	Bhavnagar	1	0.029	0	0.000
Central Sericultural Research & Training Institute	Mysore	1	0.029	0	0.000
Central Soil & Water Conservation Research & Training	Dehradun	1	0.029	0	0.000
Central Tasar Research & Training Institute	Ranchi	0	0.000	1	0.046
Central Tuber Crops Research Institute	Thiruvananthapuram	1	0.029	0	0.000
Centre for Agrochemical Research	Madras	0	0.000	2	0.091
Centre for Biochemical Technology	Delhi	10	0.290	3	0.137
Centre for Biotechnology	Madras	1	0.029	0	0.000
Centre for Cellular & Molecular Biology	Hyderabad	10	0.290	26	1.186
Centre for Logistical Research & Innovation	New Delhi	1	0.029	6	0.274
Centre for Postgraduate Studies	Pondicherry	0	0.000	1	0.046
Centre for Protein Engineering & Biomedical Research	Madras	1	0.029	0	0.000
Centre for Research in Medical Entomology (ICMR)	Madurai	2	0.058	0	0.000
Centre for Science & Environment	New Delhi	1	0.029	0	0.000
Centre for Speciality Surgery	Bombay	0	0.000	1	0.046
Chemical Laboratory Tata Steel	Jamshedpur	1	0.029	0	0.000
Chittaranjan National Cancer Institute	Calcutta	5	0.145	8	0.365
Christ Church College	Kanpur	1	0.029	0	0.000

INSTITUTE	CITY	1990		1994	
		NO	I	NO	I
Christian Fellowship Leprosy Hospital Community Health	Ambilikkai	1	0.029	1	0.046
Christian Medical College & Hospital	Ludhiana	5	0.145	7	0.319
Christian Medical College & Hospital	Vellore	40	1.158	54	2.462
Cipla Ltd.	Bombay	1	0.029	1	0.046
Cochin University of Science & Technology	Cochin	8	0.232	1	0.046
College of Agriculture	Nainital	1	0.029	0	0.000
College of Agriculture	Samastipur	1	0.029	0	0.000
College of Engineering	Madras	0	0.000	2	0.091
College of Home Science	Hisar	0	0.000	1	0.046
College of Pharmaceutical Sciences	Berhampur	0	0.000	1	0.046
College of Pharmaceutical Sciences	Manipal	6	0.174	7	0.319
College of Pharmaceutical Sciences	Thiruvananthapuram	0	0.000	1m	0.046
College of Pharmacy	Nasik	0	0.000	1	0.046
College of Pharmacy	New Delhi	0	0.000	2	0.091
College of Veterinary Science & Animal Husbandry	Durg	0	0.000	1	0.046
College of Veterinary Science & Animal Husbandry	Jabalpur	1	0.029	0	0.000
College of Veterinary Sciences	Guwahati	0	0.000	2	0.091
College of Veterinary Sciences	Hisar	1	0.029	0	0.000
College of Veterinary Sciences	Nainital	2	0.058	0	0.000
College of Veterinary Sciences	Tirupati	0	0.000	2	0.091
College of Veterinary Sciences	Ludhiana	2	0.058	1	0.046
College of Veterinary & Animal Sciences	Bikaner	2	0.058	1	0.046
Command Hospital	Pune	0	0.000	1	0.046
Command Hospital & Pathology Laboratory (EC)	Calcutta	1	0.029	0	0.000
Command Hospital (Air Force)	Bangalore	1	0.029	1	0.046
Command Hospital (SC)	Pune	2	0.058	0	0.000
Council of Science & Technology	Lucknow	0	0.000	1	0.046
C.U. Shah College of Pharmacy	Bombay	0	0.000	3	0.137
Danielson College	Chhindwara	1	0.029	0	0.000
Dayalbagh Educational Institute	Agra	0	0.000	1	0.046
Dayanand Medical College & Hospital	Ludhiana	6	0.174	2	0.091
Defence Institute of Physiology & Allied Sciences	Delhi Cantt.	2	0.058	3	0.137
Defence Laboratory	Jodhpur	1	0.029	1	0.046
Defence Materials & Stores Research	Kanpur	1	0.029	0	0.000
Defence Metallurgical Research Laboratory	Hyderabad	1	0.029	0	0.000
Defence R & D Establishment	Gwalior	4	0.116	10	0.456
Delhi Scan Research Centre	New Delhi	1	0.029	0	0.000
Dental College	Thiruvananthapuram	1	0.029	0	0.000
Department of Atomic Energy	New Delhi	1	0.029	0	0.000
Department of Science & Technology. Govt. of Kerala	Thiruvananthapuram	0	0.000	2	0.091
Dermatology Centre	Madurai	0	0.000	1	0.046
Dermatology Clinic Continental Chambers	Pune	2	0.058	0	0.000
Desert Medicine Research Centre (ICMR)	Jodhpur	0	0.000	1	0.046
Deva Matha Hospital	Koottattukulam	1	0.029	1	0.046
Devi Ahilya Vishwavidyalaya	Indore	6	0.174	5	0.228
Diabetes Clinic	Nagpur	1	0.029	0	0.000
Diabetes Research Centre	Madras	5	0.145	3	0.137
Director General of Health Services	New Delhi	0	0.000	1	0.046

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Diwan Chand Aggarwal Imaging Research Centre	New Delhi	1	0.029	1	0.046
Dr. A.L.M. Postgraduate Institute of Medical Education	Madras	19	0.550	6	0.274
Dr. Bandorawala Leprosy Hospital	Pune	1	0.029	0	0.000
Dr. B.C. Roy Memorial Hospital for Children	Calcutta	1	0.029	0	0.000
Dr. H.S. Gour Vishwavidyalaya	Sagar	14	0.405	11	0.502
Dr. P.R. Ghogrey Science College	Dhule	1	0.029	0	0.000
Dr. Rajendra Prasad Centre for Ophthalmic Sciences	New Delhi	12	0.348	10	0.456
Dr. R.M.L. Hospital	New Delhi	3	0.087	2	0.091
Dr. Salaskar's Medical Research Laboratories	Bombay	1	0.029	0	0.000
Dr. S.N. Medical College	Jodhpur	1	0.029	0	0.000
Dr. T.M.A. Pai Rotary Hospital	Mangalore	0	0.000	1	0.046
Dr. V.M. Medical College	Solapur	4	0.116	0	0.000
Dr. Y.S. Parmar University of Horticulture & Forestry	Solan	1	0.029	0	0.000
Dungar College	Bikaner	0	0.000	1	0.046
Durgapur Women's College	Durgapur	1	0.029	0	0.000
D.A.V. College	Jalandhar	1	0.029	0	0.000
D.A.V. College	Kanpur	1	0.029	0	0.000
D.A.V. College	Muzaffarnagar	0	0.000	1	0.046
D.G. Ruparel College	Bombay	5	0.145	0	0.000
D.N. College	Meerut	2	0.058	1	0.046
Elico Pvt. Ltd.	Hyderabad	0	0.000	1	0.046
Endocrine & Diabetes Centre	Visakhapatnam	0	0.000	1	0.046
Engineering Institute of Technology	Varanasi	0	0.000	1	0.046
Environmental Planning & Coordination Organisation	Bhopal	1	0.029	0	0.000
Environmental Resources Research Centre	Thiruvananthapuram	0	0.000	1	0.046
Escorts Heart Institute & Research Centre	New Delhi	3	0.087	5	0.228
Explosive Research & Development Laboratory	Pune	1	0.029	0	0.000
E.N.T. Nursing Home	Madras	1	0.029	0	0.000
E.S.I.S. Hospital	Thane	0	0.000	1	0.046
Fathima Hospital	Chintalapudi	0	0.000	1	0.046
Forensic Science Laboratory	Ahmedabad	1	0.029	0	0.000
Forensic Science Laboratory	Chandigarh	1	0.029	0	0.000
Forensic Science Laboratory	Madhuban	2	0.058	0	0.000
Forensic Science Laboratory	Madras	3	0.087	0	0.000
Forensic Science Laboratory	Shimla	1	0.029	0	0.000
Forensic Sciences Department	Madras	2	0.058	2	0.091
Forest Research Institute	Dehradun	1	0.029	0	0.000
Foundation for Medical Research	Bombay	5	0.145	1	0.046
Gandhi Medical College	Bhopal	2	0.058	0	0.000
Gandhi Medical College	Hyderabad	1	0.029	0	0.000
Gandhi Memorial Leprosy Foundation	Wardha	1	0.029	0	0.000
Gandhigram Rural Institute	Gandhigram	1	0.029	1	0.046
Gauhati University	Guwahati	1	0.029	1	0.046
General Hospital	Bangalore	1	0.029	0	0.000
Get Well Hospital	Indore	1	0.029	0	0.000
Goa Medical College	Panaji	8	0.232	3	0.137
Goa University	Goa	0	0.000	2	0.091
Government Autonomous Science College	Gwalior	1	0.029	0	0.000
Government College	Kota	0	0.000	1	0.046
Government College of Pharmacy	Bangalore	0	0.000	1	0.046

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Government Degree College of Men	Khammam	1	0.029	0	0.000
Government Dental College & Hospital	Ahmedabad	1	0.029	0	0.000
Government General Hospital	Kakinada	1	0.029	0	0.000
Government General Hospital	Madras	1	0.029	0	0.000
Government Intermediate College	Moradabad	1	0.029	0	0.000
Government Medical College	Chandigarh	0	0.000	2	0.091
Government Medical College	Jammu	0	0.000	1	0.046
Government Medical College	Mysore	1	0.029	0	0.000
Government Medical College	Nagpur	0	0.000	2	0.091
Government Medical College	Patiala	5	0.145	2	0.091
Government Medical College	Srinagar	1	0.029	0	0.000
Government Medical College	Surat	2	0.058	0	0.000
Government Medical College & Rajendra Hospital	Patiala	0	0.000	1	0.046
Government Model Science College	Gwalior	2	0.058	0	0.000
Government Ophthalmic Hospital	Madras	3	0.087	0	0.000
Government Postgraduate College	Churu	1	0.029	0	0.000
Government Postgraduate College	Dehradun	1	0.029	0	0.000
Government Postgraduate College	Gopeshwar	2	0.058	0	0.000
Government Rajaji Hospital	Madurai	1	0.029	0	0.000
Government Royapettah Hospital	Madras	0	0.000	1	0.046
Grant Medical College	Bombay	4	0.116	1	0.046
Gujarat Cancer Research Institute	Ahmedabad	7	0.203	11	0.502
Gujarat University	Ahmedabad	3	0.087	2	0.091
Gujrat Agricultural University	Sardar Krishinagar	0	0.000	1	0.046
Gulbarga University	Gulbarga	4	0.116	1	0.046
Guru Nanak Dev University	Amritsar	12	0.348	5	0.228
G.B. Pant Hospital	New Delhi	19	0.550	8	0.365
G.B. Pant Institute of Himalayan Environment & Development	Almora	1	0.029	0	0.000
G.B. Pant Institute of Himalayan Environment & Development	Tadong	0	0.000	1	0.046
G.B. Pant University of Agriculture & Technology	Nainital	2	0.058	0	0.000
G.M. College	Sambalpur	4	0.116	0	0.000
G.N. Khalsa College	Bombay	9	0.261	0	0.000
G.R. Medical College	Gwalior	3	0.087	0	0.000
G.S.V.M. Medical College	Kanpur	4	0.116	1	0.046
G.T.B. Hospital	Delhi	0	0.000	1	0.046
Haffkine Institute	Bombay	6	0.174	1	0.046
Hamdard College of Pharmacy	New Delhi	3	0.087	4	0.182
Hamdard University	New Delhi	1	0.029	0	0.000
Harcourt Butler Technological Institute	Kanpur	2	0.058	0	0.000
Haryana Agricultural University	Hisar	16	0.463	5	0.228
Heart Institute	Madras	1	0.029	0	0.000
Heart Research Laboratory	Moradabad	0	0.000	2	0.091
Himachal Pradesh Agricultural University	Palampur	3	0.087	0	0.000
Himachal Pradesh University	Shimla	2	0.058	0	0.000
Himalaya Drug Co.	Bangalore	0	0.000	2	0.091
Hindustan Antibiotics Ltd.	Pune	5	0.145	2	0.091
Hindustan Ciba-Geigy Ltd.	Bombay	3	0.087	0	0.000
Hoechst India Ltd.	Bombay	2	0.058	2	0.091
Holkar Science College	Indore	1	0.029	0	0.000
Holy Spirit Hospital	Bombay	1	0.029	0	0.000

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Hope Infertility Clinic Pvt. Ltd.	Bangalore	0	0.000	1	0.046
H.D. Jain College	Arrah	1	0.029	0	0.000
H.J. Doshi Medical Research Foundation	Rajkot	0	0.000	1	0.046
H.N.B. Garhwal University	Srinagar (U.P)	3	0.087	2	0.091
H.P.T. Arts & R.Y.K. Science College	Nasik	2	0.058	0	0.000
H.Q. Maintenance Command Indian Air Force	Nagpur	0	0.000	1	0.046
IGMR Unit for Research on AIDS in North Eastern States	Calcutta	0	0.000	1	0.046
IGRC Anti-Leprosy Vaccine Project	Bombay	3	0.087	0	0.000
Iladevi Cataract IOL Research Centre	Ahmedabad	0	0.000	1	0.046
Indian Agricultural Research Institute	New Delhi	5	0.145	0	0.000
Indian Association for the Cultivation of Science	Calcutta	11	0.319	7	0.319
Indian Council of Medical Research	New Delhi	1	0.029	2	0.091
Indian Drugs & Pharmaceuticals Ltd.	Hyderabad	0	0.000	3	0.137
Indian Institute of Chemical Biology	Calcutta	29	0.840	26	1.186
Indian Institute of Chemical Technology	Hyderabad	37	1.072	27	1.231
Indian Institute of Forest Management	Bhopal	1	0.029	0	0.000
Indian Institute of Health Management Research	Jaipur	2	0.058	0	0.000
Indian Institute of Management	Ahmedabad	0	0.000	2	0.091
Indian Institute of Management	Bangalore	1	0.029	0	0.000
Indian Institute of Petroleum	Dehradun	4	0.116	1	0.046
Indian Institute of Science	Bangalore	52	1.506	44	2.006
Indian Institute of Sugarcane Research	Lucknow	1	0.029	0	0.000
Indian Institute of Technology	Bombay	15	0.434	13	0.593
Indian Institute of Technology	Kanpur	8	0.232	12	0.547
Indian Institute of Technology	Kharagpur	5	0.145	3	0.137
Indian Institute of Technology	Madras	14	0.405	19	0.866
Indian Institute of Technology	New Delhi	15	0.434	14	0.638
Indian Institute of Tropical Meteorology	Pune	1	0.029	1	0.046
Indian IRNS	Nasik	0	0.000	1	0.046
Indian Oil Corporation Hospital	Digboi	0	0.000	1	0.046
Indian Oil Corporation Ltd.	Faridabad	0	0.000	1	0.046
Indian Petrochemicals Corpn. Ltd.	Vadodara	0	0.000	1	0.046
Indian School of Mines	Dhanbad	0	0.000	2	0.091
Indian Statistical Institute	Calcutta	5	0.145	6	0.274
Indian Veterinary Research Institute	Bangalore	0	0.000	1	0.046
Indian Veterinary Research Institute	Bhopal	0	0.000	1	0.046
Indian Veterinary Research Institute	Calcutta	0	0.000	1	0.046
Indian Veterinary Research Institute	Izatnagar	8	0.232	3	0.137
Indian Veterinary Research Institute	Nainital	0	0.000	2	0.091
Indian Veterinary Research Institute	Srinagar	2	0.058	0	0.000
Indian Veterinary Research Institute Regional Station	Palampur	0	0.000	1	0.046
Indira Gandhi Centre for Atomic Research	Kalpakkam	1	0.029	4	0.182
Indira Gandhi Co-operative Hospital	Cochin	1	0.029	0	0.000
Indira Gandhi Institute for Developmental Research	Bombay	0	0.000	1	0.046
Indira Gandhi Medical College	Shimla	9	0.261	0	0.000
Indira Gandhi National Open University	New Delhi	0	0.000	1	0.046
Indira Medico Clinic	Pune	2	0.058	0	0.000
Individual	Agra	0	0.000	1	0.046
Individual	Ahmedabad	2	0.058	1	0.046
Individual	Ajmer	1	0.029	1	0.046

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Individual	Aligarh	1	0.029	1	0.046
Individual	Allahabad	1	0.029	0	0.000
Individual	Ambilikkai	0	0.000	1	0.046
Individual	Amritsar	0	0.000	2	0.091
Individual	Asansol	0	0.000	1	0.046
Individual	Balasore	0	0.000	2	0.091
Individual	Bangalore	2	0.058	4	0.182
Individual	Berhampur	1	0.029	0	0.000
Individual	Bhagalpur	1	0.029	0	0.000
Individual	Bhilai	0	0.000	1	0.046
Individual	Bhopal	0	0.000	1	0.046
Individual	Bikaner	1	0.029	2	0.091
Individual	Bombay	23	0.666	20	0.912
Individual	Borivili (west)	0	0.000	1	0.046
Individual	Burdwan	0	0.000	1	0.046
Individual	Calcutta	6	0.174	8	0.365
Individual	Chandigarh	0	0.000	2	0.091
Individual	Coimbatore	1	0.029	1	0.046
Individual	Cuttack	0	0.000	2	0.091
Individual	Davangere	0	0.000	1	0.046
Individual	Etawah	0	0.000	1	0.046
Individual	Gadchiroli	1	0.029	0	0.000
Individual	Goa	0	0.000	1	0.046
Individual	Gurgaon	1	0.029	0	0.000
Individual	Gwalior	0	0.000	1	0.046
Individual	Hyderabad	0	0.000	1	0.046
Individual	Jaipur	2	0.058	5	0.228
Individual	Jammu	0	0.000	1	0.046
Individual	Jamnagar	0	0.000	1	0.046
Individual	Jodhpur	0	0.000	2	0.091
Individual	Jorhat	0	0.000	1	0.046
Individual	Kalyani	0	0.000	1	0.046
Individual	Lucknow	51	1.477	24	1.094
Individual	Ludhiana	0	0.000	1	0.046
Individual	Madras	4	0.116	11	0.502
Individual	Madurai	0	0.000	1	0.046
Individual	Manipal	1	0.029	0	0.000
Individual	Narayanpur	0	0.000	1	0.046
Individual	Navrangpurum	0	0.000	1	0.046
Individual	New Delhi	13	0.376	29	1.322
Individual	Palghat	1	0.029	0	0.000
Individual	Patiala	0	0.000	2	0.091
Individual	Patna	2	0.058	0	0.000
Individual	Pune	1	0.029	7	0.319
Individual	Quilon	0	0.000	1	0.046
Individual	Rohtak	0	0.000	1	0.046
Individual	Sambalpur	0	0.000	1	0.046
Individual	Siliguri	0	0.000	1	0.046
Individual	Tirunelveli	1	0.029	0	0.000
Individual	Ulhasnagar	0	0.000	1	0.046
Individual	Vadodara	1	0.029	1	0.046
Individual	Varanasi	0	0.000	4	0.182
Individual	Wardha	1	0.029	0	0.000
Institute for Rural Health Studies	Hyderabad	2	0.058	0	0.000

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Institute of Advanced Studies	Meerut	3	0.087	0	0.000
Institute of Agricultural Engineering	Bhopal	0	0.000	1	0.046
Institute of Agricultural Sciences	Varanasi	1	0.029	0	0.000
Institute of Armament Technology	Pune	0	0.000	1	0.046
Institute of Basic Sciences	Agra	1	0.029	1	0.046
Institute of Cardiovascular Diseases	Madras	0	0.000	6	0.274
Institute of Criminology & Forensic Sciences	New Delhi	2	0.058	0	0.000
Institute of Cytology & Preventive Oncology (ICMR)	New Delhi	5	0.145	3	0.137
Institute of Engineering & Technology	Lucknow	1	0.029	0	0.000
Institute of Fundamental Studies	Bombay	0	0.000	2	0.091
Institute of Genetics & Hospital for Genetic Diseases	Hyderabad	3	0.087	2	0.091
Institute of History of Medicine & Medical Research	New Delhi	4	0.116	0	0.000
Institute of Immunohaematology (ICMR)	Bombay	3	0.087	2	0.091
Institute of Medical Sciences	Hyderabad	0	0.000	1	0.046
Institute of Medical Sciences	Varanasi	39	1.129	22	1.003
Institute of Microbial Technology	Chandigarh	4	0.116	7	0.319
Institute of Nuclear Medicine & Allied Sciences	Delhi	7	0.203	5	0.228
Institute of Ophthalmology Joseph Eye Hospital	Tiruchirapalli	1	0.029	0	0.000
Institute of Pathology (ICMR)	New Delhi	3	0.087	0	0.000
Institute of Pharmaceutical Technology	Madras	1	0.029	0	0.000
Institute of Physics	Bhubaneswar	0	0.000	1	0.046
Institute of Postgraduate Medical Education & Research	Calcutta	2	0.058	2	0.091
Institute of Postgraduate Teaching	Jamnagar	1	0.029	1	0.046
Institute of Radiophysics & Electronics	Calcutta	1	0.029	0	0.000
Institute of Science	Bombay	15	0.434	0	0.000
Institute of Science	Nagpur	4	0.116	0	0.000
Institute of Technology	Varanasi	10	0.290	8	0.365
Institute of Thoracic Medicine	Madras	1	0.029	0	0.000
Interdisciplinary Biotechnology Centre	Aligarh	0	0.000	1	0.046
International Centre for Genetic Engineering & Biotechnology	New Delhi	3	0.087	10	0.456
International Institute of Ayurveda	Coimbatore	1	0.029	0	0.000
Ispat General Hospital	Rourkela	3	0.087	0	0.000
I.D.P.L. Research Centre	Hyderabad	4	0.116	0	0.000
Jadavpur University	Calcutta	32	0.927	16	0.730
Jai Research Foundation	Valvada	1	0.029	0	0.000
Jamal Mohamed College	Tiruchirapalli	1	0.029	0	0.000
Jamia Hamdard	New Delhi	7	0.203	1	0.046
Jamia Millia Islamia	New Delhi	0	0.000	3	0.137
Jamshedpur Co-operative College	Jamshedpur	1	0.029	0	0.000
Jaslok Hospital & Research Centre	Bombay	5	0.145	0	0.000
Jawaharlal Institute of Postgraduate Medical Education & Research	Pondicherry	20	0.579	21	0.958
Jawaharlal Nehru Hospital & Research Centre	Bhilainagar	0	0.000	1	0.046
Jawaharlal Nehru University	New Delhi	33	0.956	21	0.958
Jiwaji University	Gwalior	7	0.203	4	0.182
Juggat Pharmaceuticals Pvt. Ltd.	Bangalore	0	0.000	1	0.046
J.B. Chemicals & Pharmaceuticals Ltd.	Bombay	0	0.000	1	0.046

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
J.J.M. Medical College	Davangere	2	0.058	1	0.046
J.L.N. Medical College	Ajmer	5	0.145	2	0.091
J.N. Hospital & Research Centre	Bhilai	2	0.058	2	0.091
J.N. Medical College	Aligarh	16	0.463	4	0.182
J.N. Medical College	Belgaum	1	0.029	0	0.000
J.S.S. College of Pharmacy	Ootacamund	1	0.029	1	0.046
Kakatiya University	Warangal	5	0.145	0	0.000
Kalawati Saran Children's Hospital	New Delhi	2	0.058	0	0.000
Karnatak Medical College	Hubli	1	0.029	0	0.000
Karnatak University	Dharwad	6	0.174	2	0.091
Karnataka Nephrology & Transplant Institute	Bangalore	0	0.000	1	0.046
Karnataka Regional Engineering College	Srinivasanagar	0	0.000	2	0.091
Kasturba Hospital	Manipal	2	0.058	0	0.000
Kasturba Medical College	Mangalore	4	0.116	3	0.137
Kasturba Medical College	Manipal	31	0.898	32	1.459
Khallikote College	Berhampur	1	0.029	0	0.000
Khalsa College	Amritsar	1	0.029	2	0.091
Kharagpur College	Kharagpur	0	0.000	1	0.046
Kidwai Memorial Institute of Oncology	Bangalore	6	0.174	5	0.228
Kilpauk Medical College	Madras	1	0.029	0	0.000
King George's Medical College	Lucknow	48	1.390	9	0.410
Kothari Centre of Gastroenterology	Calcutta	2	0.058	0	0.000
Krishna Institute of Medical Sciences	Karad	1	0.029	0	0.000
Kumaun University	Nainital	7	0.203	0	0.000
Kundhani College of Pharmacy	Bombay	1	0.029	0	0.000
Kurukshetra University	Kurukshetra	18	0.521	2	0.091
K.C.G. College Hospital	Berhampur	1	0.029	0	0.000
K.E.M. Hospital	Bombay	34	0.985	8	0.365
K.E.M. Hospital Research Centre	Pune	0	0.000	1	0.046
K.M. Hospital Shahibaug	Ahmedabad	0	0.000	1	0.046
K.M. Kundanni College of Pharmacy	Bombay	4	0.116	3	0.137
K.R. Mehta College of Science	Palampur	1	0.029	0	0.000
K.S.R.M. College of Engineering	Cuddapah	1	0.029	0	0.000
K.T. Children Government Hospital	Rajkot	0	0.000	1	0.046
Lady Hardinge Medical College	New Delhi	11	0.319	4	0.182
Lake Side Medical Centre & Hospital	Bangalore	1	0.029	0	0.000
Lallubhai Motilal College of Pharmacy	Ahmedabad	8	0.232	6	0.274
Leprosy Mission	New Delhi	0	0.000	1	0.046
Leprosy Mission	Purulia	3	0.087	0	0.000
Loyola College	Madras	0	0.000	2	0.091
Lucknow University	Lucknow	10	0.290	3	0.137
Lupin Laboratories Ltd.	Aurangabad	2	0.058	3	0.137
L.I.T. Nagpur University	Nagpur	1	0.029	0	0.000
L.L.R.M. Medical College	Meerut	8	0.232	2	0.091
L.N. Government College	Ponneri	1	0.029	0	0.000
L.N. Mithila University	Darbhanga	1	0.029	1	0.046
L.N.J.P.N. Hospital	New Delhi	2	0.058	0	0.000
L.R.P.G. College	Sahibabad	1	0.029	0	0.000
L.T.M. Medical College	Bombay	10	0.290	8	0.365
L.V. Prasad Eye Institute	Hyderabad	0	0.000	5	0.228
Madhya Pradesh Pradushan Niwaran Mandal	Bhopal	3	0.087	0	0.000
Madras Christian College	Madras	5	0.145	0	0.000
Madras Veterinary College	Madras	0	0.000	1	0.046
Madurai Kamaraj University	Madurai	13	0.376	12	0.547

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Magadh University	Bodh Gaya	2	0.058	0	0.000
Maharashtra Association for the Cultivation of Science	Pune	4	0.116	0	0.000
Maharashtra Institute of Technology	Pune	0	0.000	1	0.046
Maharashtra Lokahita Seva Mandal	Bombay	1	0.029	0	0.000
Maharshi Dayanand University	Rohtak	4	0.116	2	0.091
Mahatma Gandhi Institute of Medical Sciences	Wardha	4	0.116	3	0.137
Mahatma Gandhi University	Kottayam	2	0.058	3	0.137
Main Hospital and Research Centre	Bhilai	1	0.029	0	0.000
Malaria Research Centre (ICMR)	Delhi	10	0.290	9	0.410
Malti-Chem Research Centre	Vadodara	0	0.000	2	0.091
Mangalore University	Mangalore	8	0.232	3	0.137
Manipal Hospital	Bangalore	0	0.000	1	0.046
Manipur University	Imphal	2	0.058	0	0.000
Manonmaniam Sundaranar University	Tirunelveli	0	0.000	1	0.046
Marathwada University	Aurangabad	1	0.029	0	0.000
Mary Calvert Holdsworth Memorial Hospital	Mysore	1	0.029	0	0.000
Masonic Medical Centre for Children	Coimbatore	0	0.000	1	0.046
Maternal & Child Health Mother & Child Hospital	Bombay	39	1.129	0	0.000
Maulana Azad Medical College	New Delhi	0	0.000	5	0.228
Medical College	Amritsar	2	0.058	1	0.046
Medical College	Aurangabad	1	0.029	0	0.000
Medical College	Ganjam	1	0.029	0	0.000
Medical College	Nagpur	1	0.029	0	0.000
Medical College	Trichur	0	0.000	1	0.046
Medical College	Vadodara	1	0.029	1	0.046
Medical College & Hospital	Alappuzha	0	0.000	1	0.046
Medical College & Hospital	Alleppy	1	0.029	0	0.000
Medical College & Hospital	Calcutta	4	0.116	0	0.000
Medical College & Hospital	Calicut	9	0.261	2	0.091
Medical College & Hospital	Jodhpur	1	0.029	0	0.000
Medical College & Hospital	Kottayam	13	0.376	0	0.000
Medical College & Hospital	Rohtak	13	0.376	9	0.410
Medical College & Hospital	Thiruvananthapuram	4	0.116	1	0.046
Medical Directorate	Imphal	0	0.000	1	0.046
Medical Hospital & Research Centre	Moradabad	6	0.174	0	0.000
Medical Research Centre	Bombay	0	0.000	1	0.046
Medical Research Foundation	Madras	0	0.000	1	0.046
Medical Services	Hyderabad	1	0.029	0	0.000
Medical Trust Hospital	Cochin	0	0.000	1	0.046
Medicolegal Institute	Bhopal	1	0.029	1	0.046
Meerut University	Meerut	2	0.058	0	0.000
Military Hospital	Ambala	2	0.058	0	0.000
Military Hospital	Meerut	1	0.029	0	0.000
Monilek Hospital & Research Centre	Jaipur	0	0.000	1	0.046
Motilal Vigyan Mahavidyalaya	Bhopal	1	0.029	0	0.000
M.G.M. Medical College	Indore	1	0.029	1	0.046
M.J. Institute of Research	Bombay	1	0.029	0	0.000
M.K.C.G. Medical College	Berhampur	1	0.029	1	0.046
M.L. Sukhadia University	Udaipur	1	0.029	0	0.000
M.L.B. Medical College	Jhansi	4	0.116	0	0.000
M.L.N. College	Yamuna Nagar	1	0.029	0	0.000

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
M.L.N. Medical College	Allahabad	10	0.290	1	0.046
M.M.H. College	Ghaziabad	1	0.029	0	0.000
M.O.S.C. Medical Mission Hospital	Kolenchery	1	0.029	0	0.000
M.P. Shah Medical College	Jamnagar	0	0.000	3	0.137
M.R. Medical College	Gulbarga	1	0.029	1	0.046
M.S. Swaminathan Research Foundation	Madras	1	0.029	0	0.000
M.S. University of Baroda	Vadodara	17	0.492	9	0.410
M.V. Hospital for Diabetes	Madras	0	0.000	1	0.046
Nagarjuna University	Nagarjunanagar	2	0.058	0	0.000
Nagpur University	Nagpur	11	0.319	7	0.319
Nanavati Hospital & Research Centre	Bombay	0	0.000	1	0.046
Narendra Dev University of Agriculture & Technology	Faizabad	0	0.000	1	0.046
Narguna College of Pharmacy	Bangalore	0	0.000	1	0.046
National Association for the Blind	Bombay	1	0.029	0	0.000
National Biological Sciences Centre	Bangalore	0	0.000	1	0.046
National Biotechnology Centre	Izatnagar	1	0.029	0	0.000
National Botanical Research Institute	Lucknow	5	0.145	10	0.456
National Chemical Laboratory	Pune	26	0.753	33	1.505
National Dairy Research Institute	Karnal	4	0.116	3	0.137
National Environment Engineering Research Institute	Nagpur	11	0.319	3	0.137
National Institute for the Visually Handicapped	Dehradun	1	0.029	0	0.000
National Institute of Cholera & Enteric Diseases (ICMR)	Calcutta	5	0.145	8	0.365
National Institute of Communicable Diseases	Delhi	2	0.058	0	0.000
National Institute of Health & Family Welfare	New Delhi	4	0.116	26	1.186
National Institute of Immunology	New Delhi	14	0.405	0	0.000
National Institute of Mental Health & Neurosciences	Bangalore	25	0.724	16	0.730
National Institute of Nutrition (ICMR)	Hyderabad	13	0.376	4	0.182
National Institute of Occupational Health (ICMR)	Ahmedabad	2	0.058	4	0.182
National Institute of Oceanography	Goa	0	0.000	3	0.137
National Institute of Virology (ICMR)	Pune	7	0.203	10	0.456
National Physical Laboratory	New Delhi	4	0.116	0	0.000
National Sugar Institute	Kanpur	1	0.029	0	0.000
National Test House	Calcutta	1	0.029	0	0.000
National Tuberculosis Institute	Bangalore	5	0.145	0	0.000
Naval Physical & Oceanographic Laboratory	Cochin	1	0.029	0	0.000
Nehru College	Chhibramau	1	0.029	0	0.000
Netaji Nagar Day College	Calcutta	1	0.029	0	0.000
Netaji Subhash National Institute of Sports	Patiala	1	0.029	1	0.046
Nizam College	Hyderabad	5	0.145	1	0.046
Nizam's Institute of Medical Sciences	Hyderabad	6	0.174	13	0.593
North Bengal Medical College & Hospital	Darjeeling	3	0.087	0	0.000
North Eastern Hill University	Shillong	6	0.174	2	0.091
Nowrosjee Wadia College	Pune	0	0.000	1	0.046
N.C. College	Jajpur	0	0.000	1	0.046
N.D. University of Agriculture & Technology	Faizabad	2	0.058	0	0.000
N.J.S.A. Government College	Punjab	0	0.000	1	0.046
N.R.S. Medical College & Hospital	Calcutta	1	0.029	0	0.000
Osmania General Hospital	Hyderabad	0	0.000	1	0.046
Osmania Medical College	Hyderabad	2	0.058	1	0.046

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Osmania University	Hyderabad	25	0.724	11	0.502
Pachayappa's College	Madras	0	0.000	1	0.046
Pandalai Cardiothoracic Foundation	Madras	1	0.029	0	0.000
Patna Medical College & Hospital	Patna	0	0.000	2	0.091
Patna University	Patna	4	0.116	0	0.000
Patna Women's College	Patna	0	0.000	1	0.046
Peerless Hospitex Hospital	Calcutta	0	0.000	1	0.046
Plastic & Reconstructive Surgery Department	Bombay	0	0.000	1	0.046
Pondicherry University	Pondicherry	7	0.203	3	0.137
Poona College of Pharmacy	Pune	0	0.000	1	0.046
Poona District Leprosy Committee	Pune	0	0.000	2	0.091
<u>Postgraduate Institute of Medical</u>					
<u>Education & Research</u>	Chandigarh	181	5.242	83	3.785
Pramukh Swami Medical College	Karamsad	0	0.000	3	0.137
Presidency College	Calcutta	1	0.029	2	0.091
Prince Bijay Singh Memorial Hospital	Bikaner	1	0.029	1	0.046
Pt. Ravishankar Shukla University	Raipur	0	0.000	3	0.137
Punjab Agricultural University	Ludhiana	5	0.145	6	0.274
Punjab University	Chandigarh	56	1.622	19	0.866
Punjabi University	Patiala	11	0.319	6	0.274
P. D. Hinduja National Hospital	Bombay	2	0.058	3	0.137
P. M. B. Gujarati Sciences College	Indore	0	0.000	1	0.046
P. S. G. College of Arts & Science	Coimbatore	2	0.058	0	0.000
Radiation Medicine Centre	Bombay	2	0.058	0	0.000
Railway Hospital	Perambur	0	0.000	1	0.046
Rajah Muthiah Medical College	Madras	3	0.087	3	0.137
Rajasthan University	Jaipur	0	0.000	1	0.046
Rajawadi General Hospital	Bombay	1	0.029	0	0.000
Rajendra Medical College	Ranchi	0	0.000	1	0.046
Rajendra Memorial Research Institute of Medical Sciences (ICMR)	Patna	0	0.000	1	0.046
Ram Lal Anand College	New Delhi	0	0.000	1	0.046
Rama Krishna Mission Vivekanada Centenary College	Calcutta	1	0.029	0	0.000
Ramnarain Ruia College	Bombay	4	0.116	0	0.000
Ranchi College	Ranchi	1	0.029	1	0.046
Ranchi Veterinary College	Ranchi	0	0.000	2	0.091
Rangaraya Medical College	Kakinada	1	0.029	0	0.000
Rani Durgavati University	Jabalpur	7	0.203	2	0.091
Ravenshaw College	Cuttack	2	0.058	0	0.000
Ravishankar University	Raipur	7	0.203	0	0.000
Reckitt & Colman India Ltd.	Hosur	0	0.000	1	0.046
Regional Cancer Centre	Thiruvananthapuram	5	0.145	15	0.684
Regional Centre for Exploration & Research	Shillong	2	0.058	0	0.000
Regional Chemical Examiner's Laboratory	Cochin	1	0.029	0	0.000
Regional Engineering College	Rourkela	2	0.058	0	0.000
Regional Engineering College	Tiruchirapalli	1	0.029	0	0.000
Regional Engineering College	Warangal	1	0.029	1	0.046
Regional Forensic Science Laboratory	Ahmedabad	1	0.029	0	0.000
Regional Forensic Science Laboratory	Aurangabad	1	0.029	0	0.000
Regional Forensic Science Laboratory	Berhampur	1	0.029	0	0.000
Regional Leprosy Training & Research Institute	Raipur	3	0.087	0	0.000
Regional Medical Research Centre for Tribal (ICMR)	Jabalpur	0	0.000	1	0.046

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Regional Medical Research Centre (ICMR)	Bhubaneswar	2	0.058	3	0.137
Regional Medical Research Centre (ICMR)	Port Blair	0	0.000	1	0.046
Regional Office of Health & Family Welfare	Ahmedabad	1	0.029	0	0.000
Regional Office of Health & Family Welfare	Shillong	1	0.029	0	0.000
Regional Research Institute of Unani Medicine	Bhadrak	0	0.000	2	0.091
Regional Research Laboratory	Bhubaneswar	0	0.000	2	0.091
Regional Research Laboratory	Jammu	14	0.405	10	0.456
Regional Research Laboratory	Jorhat	4	0.116	1	0.046
Regional Research Laboratory	Srinagar	1	0.029	0	0.000
Regional Research Laboratory	Thiruvananthapuram	4	0.116	4	0.182
Remote Sensing Applications Centre	Lucknow	1	0.029	0	0.000
Research Centre of C.M.F.R.I.	Karwar	1	0.029	0	0.000
Research Extension Centre	Palampur	1	0.029	0	0.000
Roland Institute of Pharmaceutical Sciences	Berhampur	1	0.029	0	0.000
Rourkela Steel Plant	Rourkela	1	0.029	0	0.000
Ruparel College	Bombay	1	0.029	0	0.000
Rural Medical College	Ahmednagar	0	0.000	2	0.091
R.D. University	Jabalpur	0	0.000	2	0.091
R.G. Stone Clinic	New Delhi	0	0.000	2	0.091
R.N. College	Hajipur	1	0.029	0	0.000
R.N.T. Medical College	Udaipur	1	0.029	2	0.091
R.R. Mehta College of Science	Palanpur	2	0.058	0	0.000
Sacred Heart Leprosy Centre	Thanjavur	4	0.116	1	0.046
Safdarjung Hospital	New Delhi	13	0.376	4	0.182
Saha Institute of Nuclear Physics	Calcutta	9	0.261	7	0.319
Sahid Rameswar Vidayamandir	Calcutta	1	0.029	0	0.000
Samastipur College	Samastipur	0	0.000	1	0.046
Sambalpur University	Sambalpur	8	0.232	1	0.046
Sambhunath Pandit Hospital	Calcutta	0	0.000	1	0.046
Sangeet Research Academy	Calcutta	1	0.029	0	0.000
Sanjay Gandhi Accident & Rehabilitation Centre	Bangalore	0	0.000	1	0.046
Sanjay Gandhi Postgraduate Institute of Medical Sciences	Lucknow	7	0.203	47	2.143
Sankara Nethralaya Medical Research Foundation	Madras	0	0.000	5	0.228
Santi Tuberculosis Control Society	Pailin	1	0.029	0	0.000
Santokba Durlabhji Memorial Hospital	Jaipur	1	0.029	0	0.000
Saraswathi Narayanan College	Madurai	0	0.000	1	0.046
Sardar Patel University	Vallabh Vidyanagar	1	0.029	3	0.137
Satsang Chemicals Research & Analytical Laboratory	Deoghar	0	0.000	1	0.046
Saurashtra University	Rajkot	10	0.290	2	0.091
Schieffelin Leprosy Research & Training Centre	Karigiri	1	0.029	2	0.091
Schizophrenia Research Foundation	Madras	0	0.000	1	0.046
Sehgal's Neurological Research Institute	New Delhi	0	0.000	1	0.046
Seth G.S. Medical College	Bombay	9	0.261	4	0.182
Sher-I-Kashmir Institute of Medical Sciences	Srinagar	10	0.290	3	0.137
Shivaji University	Kolhapur	4	0.116	5	0.228
Shri G.S. Institute of Science & Technology	Indore	3	0.087	0	0.000
Shriram Institute for Industrial Research	Delhi	1	0.029	0	0.000
Sh. Kisan P.G. College	Basti	1	0.029	0	0.000
Sir Ganga Ram Hospital	New Delhi	1	0.029	1	0.046
Sir H.N. Medical Research Society	Bombay	0	0.000	5	0.228
Sitaram Bhartia Institute of Science & Research	New Delhi	2	0.058	2	0.091

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Skin Care Clinic	Latur	0	0.000	1	0.046
Skin & Leprosy Institute	Bhagalpur	0	0.000	1	0.046
Snatokba Durlabhji Memorial Hospital	Jaipur	1	0.029	0	0.000
Society for Research on Haematology & Blood Transfusion	Calcutta	1	0.029	0	0.000
Sonam Norboo Memorial Hospital	Ladakh	1	0.029	0	0.000
South Gujarat University	Surat	5	0.145	1	0.046
South India Research Institute Pvt. Ltd.	Vijayawada	1	0.029	0	0.000
Southern Railway Headquarters Hospital	Madras	0	0.000	2	0.091
Sree Chitra Thirunal Inst for Medical Sciences & Technology	Thiruvananthapuram	21	0.608	10	0.456
Sri Krishnadevaraya University	Anantapur	2	0.058	1	0.046
Sri Ramachandra Medical College & Research Institute	Madras	2	0.058	1	0.046
Sri Sathya Sai Institute of Higher Learning	Prasanthinilayam	0	0.000	1	0.046
Sri Siddhartha Medical College & Hospital	Tumkur	0	0.000	1	0.046
Sri Venkateswara University	Tirupati	28	0.811	7	0.319
State Forensic Science Laboratory	Shimla	0	0.000	1	0.046
St. Andrew's Postgraduate College	Gorakhpur	0	0.000	1	0.046
St. Anthony's College	Shillong	1	0.029	0	0.000
St. George's Hospital	Bombay	0	0.000	1	0.046
St. John's Medical College	Bangalore	10	0.290	10	0.456
St. Xavier's College	Ahmedabad	1	0.029	0	0.000
St. Xavier's College	Bombay	11	0.319	0	0.000
Swami Prakashananda Ayurvedic Research Centre	Bombay	0	0.000	1	0.046
S.C.B. Medical College	Cuttack	3	0.087	0	0.000
S.D. College	Muzaffarnagar	1	0.029	0	0.000
S.D.J. Postgraduate College	Azamgarh	0	0.000	1	0.046
S.G.R. Postgraduate College	Jaunpur	1	0.029	0	0.000
S.G.T.B. Khalsa College	Delhi	0	0.000	1	0.046
S.K. Government College	Sikar	1	0.029	0	0.000
S.K. University of Agricultural Sciences & Technology	Srinagar	1	0.029	1	0.046
S.K.N. College of Agriculture	Jobner	1	0.029	0	0.000
S.K.S.C. Ganga Hospital	Coimbatore	0	0.000	1	0.046
S.M.S. Medical College	Jaipur	6	0.174	2	0.091
S.M. Medical College	Agra	2	0.058	1	0.046
S.N.D.T. Women's University	Bombay	2	0.058	1	0.046
S.N.V.M.V. College	Hyderabad	1	0.029	0	0.000
S.P. College	Dumka	1	0.029	0	0.000
S.P. Mandali's T.D.M. Laboratory	Bombay	5	0.145	0	0.000
S.P. Medical College	Bikaner	2	0.058	1	0.046
S.P.I.C. Science Foundation	Madras	1	0.029	0	0.000
S.P.M. Child Health Institute & SMS Medical College	Jaipur	0	0.000	1	0.046
S.S.L. Jain College	Vidisha	0	0.000	1	0.046
S.T.D. & Leprosy Base Hospital	Lucknow	1	0.029	0	0.000
S.V. Medical College	Tirupati	3	0.087	1	0.046
Tamil Nadu Agricultural University	Coimbatore	1	0.029	0	0.000
Tamilnadu Hospitals	Madras	0	0.000	1	0.046
Tarabai Desai Rotary Eye Hospital	Jodhpur	1	0.029	0	0.000
Tata College	Chaibasa	1	0.029	0	0.000
Tata Institute of Fundamental Research	Bombay	5	0.145	5	0.228
Tata Institute of Social Sciences	Bombay	0	0.000	1	0.046

Tata Iron & Steel Co. Ltd.	Jamshedpur	0	0.000	1	0.046
Tata Memorial Centre	Bombay	56	1.622	29	1.322
TELECO Hospital	Jamshedpur	1	0.029	0	0.000
Thanjavur Medical College	Thanjavur	2	0.058	0	0.000
Thapar Corporate Research & Development Centre	Patiala	1	0.029	1	0.046
Therapeutic Drug Monitoring Laboratory	Bombay	0	0.000	2	0.091
Thiagarajar College	Madurai	1	0.029	0	0.000
Torrent Research Centre	Ahmedabad	0	0.000	1	0.046
Tripura University	Agartala	3	0.087	0	0.000
Tuberculosis Research Centre (ICMR)	Madras	12	0.348	5	0.228
T.B. Demonstration Training Centre	Agra	3	0.087	0	0.000
T.B. Sanatorium	Pondicherry	1	0.029	0	0.000
T.N. Medical College	Bombay	4	0.116	1	0.046
United Nations Children's Fund Regional Office	New Delhi	1	0.029	0	0.000
University College of Medical Sciences	Delhi	16	0.463	13	0.593
University College of Medicine	Calcutta	6	0.174	1	0.046
University College of Pharma Sciences	Warangal	1	0.029	3	0.137
University College of Sciences	Calcutta	27	0.782	3	0.137
University College of Sciences	Hyderabad	0	0.000	2	0.091
University College of Sciences	Udaipur	0	0.000	1	0.046
University Department of Chemical Technology	Bombay	1	0.029	3	0.137
University of Agricultural Sciences	Dharwad	3	0.087	0	0.000
University of Agricultural Sciences	Mangalore	2	0.058	0	0.000
University of Agriculture & Technology	Bhubaneswar	0	0.000	1	0.046
University of Allahabad	Allahabad	13	0.376	1	0.046
University of Baroda	Vadodara	0	0.000	1	0.046
University of Bihar	Muzaffarpur	1	0.029	0	0.000
University of Bombay	Bombay	6	0.174	4	0.182
University of Burdwan	Burdwan	6	0.174	0	0.000
University of Calcutta	Calcutta	0	0.000	3	0.137
University of Calicut	Calicut	2	0.058	2	0.091
University of Delhi	Delhi	32	0.927	17	0.775
University of Gorakhpur	Gorakhpur	15	0.434	3	0.137
University of Hyderabad	Hyderabad	14	0.405	22	1.003
University of Jammu	Jammu	4	0.116	0	0.000
University of Jodhpur	Jodhpur	6	0.174	0	0.000
University of Kalyani	Kalyani	12	0.348	4	0.182
University of Kashmir	Srinagar	5	0.145	0	0.000
University of Kerala	Thiruvananthapuram	10	0.290	6	0.274
University of Lucknow	Lucknow	3	0.087	0	0.000
University of Madras	Madras	22	0.637	19	0.866
University of Mysore	Mysore	6	0.174	7	0.319
University of North Bengal	Darjeeling	1	0.029	1	0.046
University of Poona	Pune	17	0.492	15	0.684
University of Rajasthan	Jaipur	34	0.985	8	0.365
University of Roorkee	Roorkee	12	0.348	8	0.365
University of Sagar	Sagar	3	0.087	0	0.000
University of Science & Technology	Cochin	0	0.000	1	0.046
University School of Sciences	Ahmedabad	0	0.000	1	0.046
Utkal University	Bhubaneswar	3	0.087	4	0.182
U.P. Excise	Allahabad	1	0.029	0	0.000
Vallabhbhai Patel Chest Institute	Delhi	19	0.550	0	0.000
Vector Control Research Centre (ICMR)	Pondicherry	6	0.174	5	0.228
Veterinary College & Research Institute	Namakkal	1	0.029	0	0.000
Veterinary Science & Animal Husbandry College	Jabalpur	0	0.000	1	0.046
Vidyasagar University	Midnapore	0	0.000	1	0.046
Vikram University	Ujjain	4	0.116	2	0.091

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Visva-Bharati University	Santiniketan	10	0.290	3	0.137
Visvesvaraya Regional Engineering College	Nagpur	0	0.000	1	0.046
Vivekananda Institute of Medical Sciences	Calcutta	0	0.000	1	0.046
Vivekananda Kendriya Yoga Research Foundation	Bangalore	0	0.000	1	0.046
Voluntary Health Association of India	New Delhi	1	0.029	0	0.000
Voluntary Health Services	Madras	1	0.029	1	0.046
VRCE	Nagpur	0	0.000	2	0.091
V.M. Medical College	Solapur	1	0.029	0	0.000
V.N. Govt. Medical College	Yavatmal	0	0.000	1	0.046
Wadia Maternity Hospital	Bombay	3	0.087	0	0.000
Walter Bushnell Ltd.	Thane	1	0.029	0	0.000
Warangal Medical College	Warangal	1	0.029	0	0.000
Wesley Boys' College	Secunderabad	1	0.029	0	0.000
WHO South-East Asia Regional Office	New Delhi	1	0.029	2	0.091
Wildlife Institute of India	Dehradun	1	0.029	0	0.000
Wockhardt Ltd. MIDC	Aurangabad	0	0.000	1	0.046
Y.S.P. Horticulture & Forestry University	Solan	0	0.000	1	0.046
Zandu Pharmaceutical Works Ltd.	Bombay	1	0.029	0	0.000
Zoological Survey of India	Solan	1	0.029	0	0.000
Zoological Survey of India Southern Regional Station	Madras	0	0.000	1	0.046

PAPERS FROM FOREIGN INSTITUTIONS

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Abia State University	Uturu	0	0.000	1	0.046
Ain Shams University	Cairo	2	0.058	0	0.000
Airlangga University	Surabaya	1	0.029	0	0.000
Al-Azhar University	Nasir City	1	0.029	0	0.000
An-Najah University	Nebulus	1	0.029	0	0.000
Anokhin Institute of Normal Physiology	Moscow	1	0.029	0	0.000
Bethesda Hospital Univ. of Gadjah Mada	Yogyakarta	1	0.029	0	0.000
Centre for Tropical Medicine	Oxford	0	0.000	1	0.046
Chieffelin Leprosy Research	Chieffelin	4	0.116	0	0.000
College of Education Mosul	Mosul	1	0.029	0	0.000
College of Medicine & Medical Sciences	Dammam	2	0.058	0	0.000
College of Pharmacy	Chicago	0	0.000	1	0.046
Cook County Children's Hospital	Chicago	1	0.029	0	0.000
Cumberland Infirmary	Carelisle	1	0.029	0	0.000
Dentistry University of Malaya	Kuala Lumpur	1	0.029	0	0.000
Ellison Consultants Monrovia	Ohio	1	0.029	0	0.000
Federal University of Technology	Owerri	1	0.029	0	0.000
Frederick Institute of Toxicology	Bonn	1	0.029	0	0.000
Gadjah Mada University	Yogyakarta	1	0.029	0	0.000
GWL Hansen's Disease Center	Carville	2	0.058	0	0.000
Hera General Hospital	Makkah Mukarramah	2	0.058	0	0.000
Howard University	Washington DC	2	0.058	0	0.000
Hyogo College of Medicine	Mukogawa	1	0.029	0	0.000
H.E.J. Research Institute of Chemistry	Karachi	1	0.029	0	0.000
Ibn Sina Hospital	Kuwait	1	0.029	0	0.000
ICDDR	Dhaka	0	0.000	1	0.046
Indiana University School of Medicine	Indianapolis	1	0.029	0	0.000
Individual	Bloomington	2	0.058	0	0.000
Individual	Brno	1	0.029	0	0.000
Individual	Indianapolis	1	0.029	0	0.000
Individual	Karachi	1	0.029	0	0.000
Individual	Kayseri	0	0.000	1	0.046
Individual	London	0	0.000	1	0.046
Individual	Trio! Natal	1	0.029	0	0.000
Institute of Cancer Research	Sutton	1	0.029	0	0.000
Institute of Clinical Ophthalmology	Kiryu	1	0.029	0	0.000
Institute of Fundamental Studies	Kandy	0	0.000	1	0.046
Institute of Medical Microbiology	Milan	0	0.000	1	0.046
Institute of Pharmacy	Bonn	1	0.029	0	0.000
Institute of Postgraduate Medicine & Research	Dhaka	1	0.029	1	0.046
Institute of Theoretical Physics	Florida	1	0.029	0	0.000
Jahangirnagar University Savar	Dhaka	3	0.087	0	0.000
Kangnam St. Mary's Hospital Catholic University Medicine College	Seoul	1	0.029	0	0.000
Kenyatta University	Nairobi	1	0.029	0	0.000
Khyber Medical College	Peshawar	2	0.058	0	0.000
King Faisal Specialist Hospital & Research Centre	Riyadh	1	0.029	0	0.000
King's College London	London	1	0.029	0	0.000
Lilly Research Laboratories	Indiana	1	0.029	0	0.000
LSU Eye Centre	New Orleans	0	0.000	1	0.046

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Lutheran General Hospital	Illinois	1	0.029	0	0.000
Mansoura University	Damietta	1	0.029	0	0.000
Massachusetts General Hospital	Boston	0	0.000	1	0.046
Max-Planck-Institut für Biophysik	Frankfurt	1	0.029	0	0.000
McMaster University	Hamilton	1	0.029	0	0.000
Medical College of Ohio Toledo	Ohio	1	0.029	0	0.000
Memorial Hospital	Darlington	1	0.029	0	0.000
Memorial University St. John's	Newfoundland	1	0.029	0	0.000
NASA Johnson Space Centre	Houston	1	0.029	0	0.000
National Institute for Medical Research	London	1	0.029	0	0.000
National University of Singapore	Singapore	1	0.029	0	0.000
New City Dispensary	Singapore	1	0.029	0	0.000
N.I. Pirogov Odessa Medical Institute	Odessa	1	0.029	0	0.000
Office of Ministry of State for Population & Environment	Jakarta	1	0.029	0	0.000
Pakistan Medical Research Council	Karachi	1	0.029	0	0.000
Red Cross Hospital	Hangzhou	1	0.029	0	0.000
Royal Infirmary	Bristol	1	0.029	0	0.000
Salmaniya Medical Centre	Bahrain	0	0.000	1	0.046
Sana University	Sana	0	0.000	1	0.046
Shanxi Medical College	Taiyuan	0	0.000	2	0.091
Stobhill General Hospital (Teaching)	Glasgow	1	0.029	0	0.000
St. Jude Children's Research Hospital	Lauderdale	1	0.029	0	0.000
St. George's Hospital	London	1	0.029	0	0.000
Sweedish University of Agriculture Sciences	Uppsala	0	0.000	1	0.046
The University of Illinois	Chicago	1	0.029	0	0.000
TTUHSC School of Medicine	Lubbock	1	0.029	0	0.000
Universidad de Granada	Madrid	0	0.000	1	0.046
Universidade Federal de pernambuco	Recife	1	0.029	0	0.000
University of Illinois	Chicago	1	0.029	0	0.000
University of Iowa College of Medicine	Iowa	1	0.029	0	0.000
University of Karachi	Karachi	0	0.000	1	0.046
University of Khartoum	Khartoum	0	0.000	1	0.046
University of Kuwait	Safat	0	0.000	1	0.046
University of Malaya	Kuala Lumpur	0	0.000	1	0.046
University of Manitoba	Winnipeg	0	0.000	1	0.046
University of Mansoura	Mansoura	24	0.695	0	0.000
University of Massachusetts Medical Center	Worcester	0	0.000	1	0.046
University of Mississippi Medical Center	Jackson	1	0.029	0	0.000
University of Missouri	Columbia	0	0.000	1	0.046
University of Nairobi	Nairobi	1	0.029	0	0.000
University of Nigeria	Nsukka	1	0.029	0	0.000
University of Oregon	Eugene	1	0.029	0	0.000
University of Port Harcourt	Port Harcourt	1	0.029	0	0.000
University of Wales College of Medicine	Cardiff	1	0.029	0	0.000
University of Zambia	Lusaka	0	0.000	1	0.046
University of Zimbabwe	Harare	0	0.000	1	0.046
University Sains Malaysia	Kelantan	0	0.000	1	0.046
USPHS	Carville	1	0.029	0	0.000
Yangon University	Yangon	0	0.000	1	0.046
Yarmouk University	Jordan	1	0.029	0	0.000
TOTAL		3453		2193	

TABLE - 4B
CITY-WISE PAPERS DURING 1990 AND 1994 BY SCIENTISTS FROM
INDIA AND ABROAD - EXCERPTA MEDICA

CITY	1990		1994	
	NO	%	NO	%
India				
Agartala	3	0.087	0	0.000
Agra	26	0.753	7	0.319
Ahmedabad	33	0.956	38	1.733
Ahmednagar	0	0.000	2	0.091
Ajmer	6	0.174	3	0.137
Alappuzha	0	0.000	1	0.046
Aligarh	49	1.419	18	0.821
Allahabad	25	0.724	2	0.091
Alleppy	1	0.029	0	0.000
Almora	1	0.029	0	0.000
Ambala	2	0.058	0	0.000
Ambilikkai	1	0.029	2	0.091
Amritsar	15	0.434	10	0.456
Anantapur	2	0.058	1	0.046
Annamalai	6	0.174	5	0.228
Arrah	1	0.029	0	0.000
Asansol	0	0.000	1	0.046
Aurangabad	5	0.145	4	0.182
Azamgarh	0	0.000	1	0.046
Balasore	0	0.000	2	0.091
<u>Bangalore</u>	<u>104</u>	<u>3.012</u>	<u>96</u>	<u>4.378</u>
Bankura	1	0.029	0	0.000
Bareilly	1	0.029	0	0.000
Barrackpore	1	0.029	0	0.000
Barsi	0	0.000	1	0.046
Basti	1	0.029	0	0.000
Belgaum	1	0.029	0	0.000
Berhampur	11	0.319	9	0.410
Bhadrak	0	0.000	2	0.091
Bhagalpur	17	0.492	4	0.182
Bhavnagar	8	0.232	0	0.000
Bhilai	3	0.087	3	0.137
Bhilainagar	0	0.000	1	0.046
Bhopal	12	0.348	8	0.365
Bhubaneswar	5	0.145	11	0.502
Bijapur	0	0.000	1	0.046
Bikaner	6	0.174	6	0.274
Bodh Gaya	2	0.058	0	0.000
<u>Bombay</u>	<u>397</u>	<u>1.497</u>	<u>224</u>	<u>10.214</u>
Borivi	0	0.000	1	0.046
Burdwan	7	0.203	4	0.182
Calcutta	213	6.169	129	5.882
Calicut	11	0.319	6	0.274
Chaibasa	1	0.029	0	0.000
<u>Chandigarh</u>	<u>244</u>	<u>7.066</u>	<u>113</u>	<u>5.153</u>
Chengalpattu	4	0.116	0	0.000
Chhibramau	1	0.029	0	0.000

CITY	1990		1994	
	NO	%	NO	%
Chhindwara	1	0.029	0	0.000
Chintalapudi	0	0.000	1	0.046
Churu	1	0.029	0	0.000
Cochin	11	0.319	3	0.137
Coimbatore	6	0.174	6	0.274
Cuddapah	1	0.029	0	0.000
Cuttack	7	0.203	2	0.091
Darbhanga	1	0.029	1	0.046
Darjeeling	4	0.116	1	0.046
Davangere	4	0.116	2	0.091
Dehradun	9	0.261	1	0.046
Deoghar	0	0.000	1	0.046
Dhanbad	2	0.058	2	0.091
Dharwad	9	0.261	2	0.091
Dhule	1	0.029	0	0.000
Digboi	0	0.000	1	0.046
Dumka	1	0.029	0	0.000
Durg	0	0.000	1	0.046
Durgapur	1	0.029	0	0.000
Etawah	0	0.000	1	0.046
Faizabad	2	0.058	2	0.091
Gadchiroli	2	0.058	0	0.000
Gandhigram	1	0.029	1	0.046
Gandhinagar	0	0.000	1	0.046
Ganjam	1	0.029	0	0.000
Ghaziabad	6	0.174	0	0.000
Goa	0	0.000	6	0.274
Gopeshwar	2	0.058	0	0.000
Gorakhpur	26	0.753	4	0.182
Gulbarga	5	0.145	2	0.091
Gurgaon	1	0.029	0	0.000
Guwahati	4	0.116	4	0.182
Gwalior	17	0.492	15	0.684
Hajipur	1	0.029	0	0.000
Hanumangarh	1	0.029	0	0.000
Hisar	17	0.492	6	0.274
Hosur	0	0.000	1	0.046
Howrah	2	0.058	1	0.046
Hubli	1	0.029	0	0.000
<u>Hyderabad</u>	<u>127</u>	<u>3.678</u>	<u>122</u>	<u>5.563</u>
Imphal	2	0.058	1	0.046
Indore	12	0.348	7	0.319
Izatnagar	9	0.261	3	0.137
Jabalpur	8	0.232	6	0.274
Jaipur	47	1.361	21	0.958
Jalandhar	1	0.029	0	0.000
Jammu	18	0.521	12	0.547
Jamnagar	1	0.029	5	0.228
Jamshedpur	3	0.087	1	0.046
Jaunpur	1	0.029	0	0.000
Jhansi	4	0.116	0	0.000
Jobner	1	0.029	0	0.000

CITY	1990		1994	
	NO	%	NO	%
Jodhpur	11	0.319	5	0.228
Jorhat	4	0.116	2	0.091
Kakinada	2	0.058	0	0.000
Kalpakkam	1	0.029	4	0.182
Kalyani	16	0.463	6	0.274
Kanpur	18	0.521	13	0.593
Karad	1	0.029	0	0.000
Karaikudi	0	0.000	1	0.046
Karamsad	0	0.000	3	0.137
Karigiri	1	0.029	2	0.091
Karnal	4	0.116	3	0.137
Karwar	1	0.029	0	0.000
Kasauli	8	0.232	1	0.046
Kashmir***	1	0.029	0	0.000
Khammam	1	0.029	0	0.000
Kharagpur	5	0.145	4	0.182
Kolenchery	1	0.029	0	0.000
Kolhapur	4	0.116	5	0.228
Koothattukulam	1	0.029	1	0.046
Kota	0	0.000	1	0.046
Kottayam	15	0.434	3	0.137
Kurukshetra	18	0.521	2	0.091
Ladakh	1	0.029	0	0.000
Latur	0	0.000	1	0.046
Lucknow	239	6.922	138	6.293
Ludhiana	18	0.521	17	0.775
Madhuban	2	0.058	0	0.000
Madras	118	3.417	111	5.062
Madurai	20	0.579	16	0.730
Mahad Raigad	0	0.000	1	0.046
Mangalore	14	0.405	8	0.365
Manipal	40	1.158	39	1.778
Meerut	16	0.463	3	0.137
Midnapore	0	0.000	1	0.046
Moradabad	7	0.203	2	0.091
Muzaffarnagar	1	0.029	1	0.046
Muzaffarpur	1	0.029	0	0.000
Mysore	22	0.637	25	1.140
Nagarjunanagar	2	0.058	0	0.000
Nagpur	29	0.840	16	0.730
Nainital	12	0.348	2	0.091
Namakkal	1	0.029	0	0.000
Narayanpur	0	0.000	1	0.046
Nasik	2	0.058	2	0.091
Navrangpurum	0	0.000	1	0.046
New Delhi**	457	13.235	342	15.595
Ootacamund	1	0.029	1	0.046
Pailin	1	0.029	0	0.000
Palampur	5	0.145	1	0.046
Palanpur	2	0.058	0	0.000
Palghat	1	0.029	0	0.000
Panaji	8	0.232	3	0.137

CITY	1990		1994	
	NO	%	NO	%
Patiala	19	0.550	13	0.593
Patna	6	0.174	4	0.182
Perambur	0	0.000	1	0.046
Pilani	2	0.058	4	0.182
Pondicherry	34	0.985	30	1.368
Ponneri	1	0.029	0	0.000
Port Blair	0	0.000	1	0.046
Prasanthinilayam	0	0.000	1	0.046
Pune	82	2.375	78	3.557
Punjab***	0	0.000	1	0.046
Purulia	3	0.087	0	0.000
Quilon	0	0.000	1	0.046
Raipur	10	0.290	3	0.137
Rajkot	10	0.290	4	0.182
Ranchi	5	0.145	8	0.365
Rewa	1	0.029	0	0.000
Rohtak	17	0.492	12	0.547
Roorkee	12	0.348	8	0.365
Rourkela	6	0.174	0	0.000
Sagar	17	0.492	11	0.502
Sahibabad	1	0.029	0	0.000
Samastipur	1	0.029	1	0.046
Sambalpur	12	0.348	2	0.091
Santiniketan	10	0.290	3	0.137
Sardar Krishinagar	0	0.000	1	0.046
Secunderabad	1	0.029	0	0.000
Shillong	10	0.290	2	0.091
Shimla	12	0.348	1	0.046
Sikar	1	0.029	0	0.000
Siliguri	0	0.000	1	0.046
Solan	2	0.058	1	0.046
Solapur	5	0.145	0	0.000
Srinagar	20	0.579	4	0.182
Srinagar (U.P)	3	0.087	2	0.091
Srinivasanagar	0	0.000	2	0.091
Surat	7	0.203	1	0.046
Tadong	0	0.000	1	0.046
Thane	2	0.058	1	0.046
Thanjavur	6	0.174	1	0.046
Thiruvananthapuram	46	1.332	40	1.824
Tiruchirapalli	6	0.174	5	0.228
Tirunelveli	1	0.029	1	0.046
Tirupati	31	0.898	10	0.456
Trichur	4	0.116	7	0.319
Tumkur	0	0.000	1	0.046
Udaipur	2	0.058	4	0.182
Ujjain	4	0.116	2	0.091
Ulhasnagar	0	0.000	1	0.046
Vadodara	20	0.579	15	0.684
Vallabh Vidyanagar	1	0.029	3	0.137
Valvada	1	0.029	0	0.000
Varanasi	96	2.780	48	2.189

CITY	1990		1994	
	NO	%	NO	%
Vellore	40	1.158	54	2.462
Vidisha	0	0.000	1	0.046
Vijayawada	1	0.029	0	0.000
Visakhapatnam	17	0.492	11	0.502
Warangal	8	0.232	4	0.182
Wardha	6	0.174	3	0.137
Yamuna Nagar	1	0.029	0	0.000
Yavatmal	0	0.000	1	0.046
TOTAL	3345	96.872	2165	98.723

** New Delhi includes Delhi and Delhi Cantt.
*** City's name not available in the databases

CITY	1990		1994	
	NO	%	NO	%
Abroad				
Bahrain	0	0.000	1	0.046
Bloomington	2	0.058	0	0.000
Bonn	2	0.058	0	0.000
Boston	0	0.000	1	0.046
Bristol	1	0.029	0	0.000
Brno	1	0.029	0	0.000
Cairo	2	0.058	0	0.000
Cardiff	1	0.029	0	0.000
Carelisle	1	0.029	0	0.000
Carville	3	0.087	0	0.000
Chicago	3	0.087	1	0.046
Chieffelin	4	0.116	0	0.000
Columbia	0	0.000	1	0.046
Damietta	1	0.029	0	0.000
Dammam	2	0.058	0	0.000
Darlington	1	0.029	0	0.000
Dhaka	4	0.116	2	0.091
Eugene	1	0.029	0	0.000
Florida	1	0.029	0	0.000
Frankfurt	1	0.029	0	0.000
Glasgow	1	0.029	0	0.000
Hamilton	1	0.029	0	0.000
Hangzhou	1	0.029	0	0.000
Harare	0	0.000	1	0.046
Houston	1	0.029	0	0.000
Illinois	1	0.029	0	0.000
Indiana	1	0.029	0	0.000
Indianapolis	2	0.058	0	0.000
Iowa	1	0.029	0	0.000
Jackson	1	0.029	0	0.000
Jakarta	1	0.029	0	0.000
Jordan	1	0.029	0	0.000
Kandy	0	0.000	1	0.046
Karachi	3	0.087	1	0.046
Kayseri	0	0.000	1	0.046
Kelantan	0	0.000	1	0.046
Khartoum	0	0.000	1	0.046
Kiryu	1	0.029	0	0.000
Kuala Lumpur	1	0.029	1	0.046
Kuwait	1	0.029	0	0.000
Lauderdale	1	0.029	0	0.000
London	3	0.087	1	0.046
Lubbock	1	0.029	0	0.000
Lusaka	0	0.000	1	0.046
Madrid	0	0.000	1	0.046
Makkah Mukarramah	2	0.058	0	0.000
Mansoura	24	0.695	0	0.000
Milan	0	0.000	1	0.046
Moscow	1	0.029	0	0.000
Mosul	1	0.029	0	0.000

CITY	1990		1994	
	NO	%	NO	%
Mukogawa	1	0.029	0	0.000
Nairobi	2	0.058	0	0.000
Nasir City	1	0.029	0	0.000
Nebulus	1	0.029	0	0.000
New Orleans	0	0.000	1	0.046
Newfoundland	1	0.029	0	0.000
Nsukka	1	0.029	0	0.000
Odessa	1	0.029	0	0.000
Ohio	2	0.058	0	0.000
Owerri	1	0.029	0	0.000
Oxford	0	0.000	1	0.046
Peshawar	2	0.058	0	0.000
Port Harcourt	1	0.029	0	0.000
Recife	1	0.029	0	0.000
Riyadh	1	0.029	0	0.000
Safat	0	0.000	1	0.046
Sana	0	0.000	1	0.046
Seoul	1	0.029	0	0.000
Singapore	2	0.058	0	0.000
Surabaya	1	0.029	0	0.000
Sutton	1	0.029	0	0.000
Taiyuan	0	0.000	2	0.091
Triol Natal	1	0.029	0	0.000
Uppsala	0	0.000	1	0.046
Uturu	0	0.000	1	0.046
Washington DC	2	0.058	0	0.000
Winnipeg	0	0.000	1	0.046
Worcester	0	0.000	1	0.046
Yangon	0	0.000	1	0.046
Yogyakarta	2	0.058	0	0.000
TOTAL	108	3.128	28	1.277
GRAND TOTAL	3453	100	2193	100

TABLE - 4 C
PAPERS BY SCIENTISTS FROM INDIA (STATE - WISE) AND ABROAD
EXCERPTA MEDICA

STATE/UNION TERRITORY	1990		1994	
	NO	%	NO	%
Indian				
Andaman & Nicobar Islands	0	0.000	1	0.046
Andhra Pradesh	191	5.531	149	6.794
Assam	18	0.521	9	0.410
Bihar	42	1.216	22	1.003
<u>Chandigarh</u>	<u>188</u>	<u>5.445</u>	<u>94</u>	<u>4.286</u>
Delhi	457	13.235	342	15.595
Goa	8	0.232	9	0.410
Gujarat	83	2.404	72	3.283
Haryana	62	1.796	23	1.049
Himachal Pradesh	27	0.782	4	0.182
Jammu & Kashmir	40	1.158	16	0.730
<u>Karnataka</u>	<u>201</u>	<u>5.821</u>	<u>179</u>	<u>8.162</u>
Kerala	91	2.635	62	2.827
Madhya Pradesh	85	2.462	58	2.645
<u>Maharashtra</u>	<u>536</u>	<u>15.523</u>	<u>340</u>	<u>15.504</u>
Manipur	2	0.058	1	0.046
Orissa	42	1.216	28	1.277
Pondicherry	34	0.985	30	1.368
Punjab	111	3.215	61	2.782
Rajasthan	78	2.259	44	2.006
Sikkim	0	0.000	1	0.046
Tamil Nadu	215	6.226	214	9.758
<u>Tripura</u>	<u>3</u>	<u>0.087</u>	<u>0</u>	<u>0.000</u>
<u>Uttar Pradesh</u>	<u>568</u>	<u>16.449</u>	<u>256</u>	<u>11.674</u>
<u>West Bengal</u>	<u>263</u>	<u>7.617</u>	<u>151</u>	<u>6.886</u>
TOTAL	3345	96.872	2166	98.769
Abroad				
TOTAL	108	3.128	27	1.231
GRAND TOTAL	3453	100	2193	100

TABLE - 5
 CONTRIBUTION OF INDIAN INSTITUTIONS (BY TYPE: 1 - 5)
 EXCERPTA MEDICA

TYPE OF INSTITUTION	INST. CODE	1990		1994	
		NO.	%	NO.	%
Private Sector	5	324	9.383	342	15.595
Academic and others Institutions of Excellence	4	1085	31.422	671	30.597
Autonomous Institutions	3	934	27.049	662	30.187
State Government including State funded Medical Colleges	2	717	20.765	301	13.725
Central Government Institutions	1	291	8.427	194	8.846
Foreign Institutions	0	102	2.954	23	1.049
TOTAL		3453	100	2193	100

TROPICAL DISEASES BULLETIN

- TABLE- 1** : CONTRIBUTION TO WORLD LITERATURE
- TABLE- 2** : PUBLISHING JOURNAL PROFILE BY DESCENDING ORDER OF IMPACT FACTOR
- TABLE - 3** : PUBLISHING JOURNAL PROFILE BY TOTAL NO. OF PAPERS
- TABLE - 4A** : INSTITUTE AND CITY-WISE BREAK UP OF PAPERS
- TABLE - 4B** : CITY-WISE PAPERS BY SCIENTISTS FROM INDIA
- TABLE - 4C** : PAPERS BY SCIENTISTS FROM INDIA (STATE-WISE)
- TABLE - 5** : CONTRIBUTION OF INDIAN INSTITUTIONS BY TYPE

TABLE - 1
INDIA'S CONTRIBUTION TO WORLD LITERATURE
TROPICAL DISEASES BULLETIN

SUBJECTS	INDIA - 90		WORLD - 90		1990 AI	INDIA - 94		WORLD - 94		1994 AI
	NO.	%	NO.	%		NO.	%	NO.	%	
AIR AND ATMOSPHERE	0	0.000	1	0.03	0.00	1	0.478	9	0.36	131.15
AMOEBIASIS	6	2.575	49	1.50	171.69	7	3.349	59	2.39	140.05
BABESIOSIS AND COCCIDIAL DISEASES	1	0.429	31	0.95	45.23	1	0.478	49	1.99	24.09
BACTERIOL & BACTERIAL DISEASES	67	28.755	496	15.18	189.40	77	36.842	498	20.19	182.51
COMMUNICABLE DISEASES - GENERAL	1	0.429	18	0.55	77.90	1	0.478	20	0.81	59.02
DISASTERS	1	0.429	9	0.28	155.79	0	0.000	8	0.32	0.00
DRUG ABUSE	1	0.429	14	0.43	100.15	1	0.478	6	0.24	196.73
FAMILY HEALTH	5	2.146	63	1.93	111.28	4	1.914	47	1.91	100.46
FUNGI AND FUNGAL DISEASES	8	3.433	44	1.35	254.94	9	4.306	61	2.47	174.15
HAEMATOLOGY	1	0.429	23	0.70	60.96	0	0.000	9	0.36	0.00
HEALTH SERVICES	3	1.288	106	3.24	39.68	2	0.957	40	1.62	59.02
HELMINTHOLOGY AND HELMINTHIASES	26	11.159	597	18.27	61.06	21	10.048	372	15.08	66.63
LEISHMANIASIS	6	2.575	173	5.30	48.63	9	4.306	153	6.20	69.43
MALARIA	30	12.876	105	3.21	400.61	12	5.742	265	10.74	53.45
MEDICAL ENTOMOLOGY	12	5.150	258	7.90	65.22	14	6.699	177	7.17	93.36
METABOLIC DISEASES	0	0.000	14	0.43	0.00	2	0.957	4	0.16	590.19
MICROBIOL & MICROBIAL DIS - GEN	16	6.867	135	4.13	166.18	10	4.785	78	3.16	151.33
NEOPLASTIC DISEASES	1	0.429	33	1.01	42.49	1	0.478	33	1.34	35.77
NUTRITION AND MALNUTRITION	3	1.288	53	1.62	79.37	5	2.392	60	2.43	98.37
OCCUPATIONAL MEDICINE	1	0.429	17	0.52	82.48	1	0.478	9	0.36	131.15
OTHER NCD'S OF UNKNOWN AETIOLOGY	1	0.429	20	0.61	70.11	1	0.478	15	0.61	78.69
TOXICOLOGY	4	1.717	4	0.12	1402.15	5	2.392	24	0.97	245.91
TRADITIONAL MEDICINE	1	0.429	24	0.73	58.42	1	0.478	8	0.32	147.55
TRADITIONAL MED - FAMILY HEALTH	4	1.717	0	0.00	0.00	0	0.000	0	0.00	0.00
VENOMS AND ANTIVENOMS	9	3.863	100	3.06	126.19	0	0.000	49	1.99	0.00
VIROLOGY AND VIRAL DISEASES	20	8.584	409	12.52	68.56	21	10.048	360	14.59	68.86
VITAL STATISTICS	4	1.717	63	1.93	89.03	2	0.957	48	1.95	49.18
WATER SUPPLIES	0	0.000	22	0.67	0.00	1	0.478	6	0.24	196.73
YEOLE DISEASES	1	0.429	2	0.06	701.07	0	0.000	0	0.00	0.00
TOTAL	233	100	2883	100		209	100	2467	100	

AI, Activity Index Computed as : India (%) / World (%) x 100

TABLE - 2
PUBLISHING JOURNAL PROFILE BY DESCENDING ORDER OF IMPACT FACTOR
TROPICAL DISEASES BULLETIN

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
NATURE	22.139	0	0.000	1	0.478
SCIENCE	20.967	1	0.429	0	0.000
LANCET	15.940	5	2.146	1	0.478
ANN INTERN MED	10.217	1	0.429	0	0.000
J BIOL CHEM	6.733	1	0.429	0	0.000
J INFECT DIS	5.499	2	0.858	2	0.957
BR MED J	4.338	1	0.429	0	0.000
BIOCHEM J	3.716	1	0.429	0	0.000
INFECT IMMUN	3.427	1	0.429	0	0.000
TISSUE ANTIGENS	3.297	1	0.429	0	0.000
MOL BIOCHEM PARASITOL	3.069	0	0.000	2	0.957
AM J CLIN NUTR	3.008	1	0.429	0	0.000
ANTIMICROB AGENTS CHEMOTHER	2.950	2	0.858	1	0.478
IMMUNOLOGY	2.867	1	0.429	0	0.000
APPL ENVIRON MICROBIOL	2.801	1	0.429	0	0.000
REV INFECT DIS	2.648	1	0.429	0	0.000
CLIN EXP IMMUNOL	2.475	2	0.858	0	0.000
J CLIN PATHOL	2.035	1	0.429	0	0.000
PARASITE IMMUNOL	1.929	1	0.429	2	0.957
VACCINE	1.920	1	0.429	3	1.435
AM J TROP MED HYG	1.900	2	0.858	1	0.478
AM J KIDNEY DIS	1.841	0	0.000	1	0.478
AM J ROENTGENOL	1.841	0	0.000	1	0.478
EXP PARASITOL	1.834	2	0.858	1	0.478
INTERVIROLOGY	1.667	0	0.000	1	0.478
SPRINGER SEM IMMUNOPATHOL	1.638	1	0.429	0	0.000
J ANAL TOXICOL	1.634	0	0.000	1	0.478
J EPIDEMIOLOG COMMUN HEALTH	1.608	0	0.000	1	0.478
MED MICROBIOL IMMUNOL	1.587	0	0.000	1	0.478
PEDIATR INFECT DIS J	1.580	1	0.429	0	0.000
J EXP PATHOL	1.568	1	0.429	0	0.000
J MED MICROBIOL	1.561	1	0.429	2	0.957
INT J EPIDEMIOLOG	1.514	0	0.000	1	0.478
J VIROL METHODS	1.470	1	0.429	0	0.000
EPIDEMIOLOG INFECT	1.465	4	1.717	1	0.478
BULL WORLD HEALTH ORGAN	1.450	4	1.717	2	0.957
TOXICON	1.444	3	1.288	0	0.000
MOL CELL BIOCHEM	1.377	1	0.429	0	0.000
J INFECT	1.350	0	0.000	2	0.957
INT J LEPR	1.295	17	7.296	8	3.828
BR J ADDICT	1.260	1	0.429	0	0.000
ENVIRON RES	1.257	0	0.000	1	0.478
GENITOURIN MED	1.205	0	0.000	1	0.478
ENVIRON POLLUT	1.160	0	0.000	2	0.957
TUBERCLE	1.078	1	0.429	0	0.000
INT J PARASITOL	1.045	1	0.429	1	0.478
SCAND J INFECT DIS	1.043	0	0.000	1	0.478
J CLIN LAB ANAL	1.026	0	0.000	1	0.478
ACTA TROP	1.022	0	0.000	2	0.957

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
J PROTOZOOL	0.981	1	0.429	0	0.000
ALLERGY	0.974	0	0.000	1	0.478
PARASITOL RES	0.928	0	0.000	1	0.478
LEPR REV	0.908	10	4.292	10	4.785
IMMUNOL CELL BIOL	0.903	1	0.429	0	0.000
EUR J CLIN NUTR	0.895	1	0.429	0	0.000
J MED VET MYCOL	0.869	1	0.429	2	0.957
APMIS	0.868	0	0.000	3	1.435
CONTACT DERMATITIS	0.817	1	0.429	0	0.000
J MED ENTOMOL	0.785	0	0.000	1	0.478
TROP MED PARASITOL	0.755	3	1.288	1	0.478
HUM EXP TOXICOL	0.638	0	0.000	1	0.478
NUTR RES	0.631	1	0.429	0	0.000
MYCOPATHOLOGIA	0.626	3	1.288	0	0.000
INT J DERMATOL	0.523	0	0.000	2	0.957
J TROP MED HYG	0.503	9	3.863	3	1.435
ANN TROP MED PARASITOL	0.465	3	1.288	2	0.957
J AM MOSQ CONTROL ASSOC	0.435	3	1.288	2	0.957
ACTA OPHTHALMOL	0.413	0	0.000	1	0.478
WORLD J MICROBIOL BIOTECHNOL	0.385	0	0.000	2	0.957
AUST N Z J SURG	0.350	0	0.000	1	0.478
TROP GEOGR MED	0.344	3	1.288	0	0.000
J HELMINTHOL	0.337	1	0.429	1	0.478
MYCOSES	0.331	0	0.000	1	0.478
POSTGRAD MED J	0.325	1	0.429	1	0.478
J TROP PEDIATR	0.320	11	4.721	9	4.306
ECOL FOOD NUTR	0.263	1	0.429	0	0.000
INDIAN J MED RES	0.227	25	10.730	8	3.828
ANN TROP PAEDIATR	0.212	4	1.717	4	1.914
TROP DOCT	0.203	0	0.000	6	2.871
J DIARRHOEAL DIS RES	0.190	2	0.858	4	1.914
INSECT SCI APPL	0.157	1	0.429	0	0.000
FOLIA PARASITOL	0.118	1	0.429	0	0.000
ACTA PARASITOL	0.000	0	0.000	1	0.478
AM IND HYG ASSOC J	0.000	1	0.429	0	0.000
AUST J DERMATOL	0.000	0	0.000	1	0.478
BIOVED	0.000	0	0.000	1	0.478
FEMS IMMUNOL MED MICROBIOL	0.000	0	0.000	1	0.478
FOOD NUTR BULL	0.000	2	0.858	0	0.000
HEALTH HYG	0.000	1	0.429	0	0.000
HEALTH POLICY PLANN	0.000	1	0.429	0	0.000
IMMUNOL INFECT DIS	0.000	0	0.000	1	0.478
INDIAN J EXP BIOL	0.000	10	4.292	5	2.392
INDIAN J GASTROENTEROL	0.000	0	0.000	2	0.957
INDIAN J LEPR	0.000	7	3.004	2	0.957
INDIAN J MALARIOL	0.000	9	3.863	4	1.914
INDIAN J MED SCI	0.000	0	0.000	1	0.478
INDIAN J PARASITOL	0.000	0	0.000	1	0.478
INDIAN J PEDIATR	0.000	0	0.000	1	0.478
INDIAN J PUBLIC HEALTH	0.000	0	0.000	3	1.435
INDIAN J TUBER	0.000	1	0.429	2	0.957
INDIAN PEDIATR	0.000	7	3.004	38	18.182
INT FAMILY PLANN PERSPECT	0.000	1	0.429	1	0.478
INT J ENVIRON HEALTH RES	0.000	0	0.000	1	0.478

JOURNAL TITLE	IMPACT FACTOR	1990		1994	
		NO	%	NO	%
INT J ENVIRON STUD	0.000	0	0.000	1	0.478
INT J STD AIDS	0.000	1	0.429	0	0.000
J COMMUN DIS	0.000	5	2.146	1	0.478
J HYG EPIDEMIOL MICROBIOL IMMUNOL	0.000	2	0.858	1	0.478
J INDIAN MED ASSOC	0.000	2	0.858	3	1.435
J MYCOL MED	0.000	0	0.000	1	0.478
J NEPAL MED ASSOC	0.000	1	0.429	1	0.478
J ROYAL SOC HEALTH	0.000	0	0.000	1	0.478
JPN J LEPR	0.000	1	0.429	0	0.000
JPN J TROP MED HYG	0.000	1	0.429	0	0.000
MED J ARMED FORCES INDIA	0.000	0	0.000	1	0.478
MED SCI RES	0.000	2	0.858	2	0.957
MED VET ENTOMOL	0.000	1	0.429	1	0.478
NATL MED J INDIA	0.000	3	1.288	3	1.435
NUCL ACIDS RES	0.000	0	0.000	1	0.478
PARASITE	0.000	0	0.000	1	0.478
PROC NUTR SOC	0.000	0	0.000	1	0.478
SOC SCI MED	0.000	2	0.858	0	0.000
SOUTHEAST ASIAN J TROP MED PUBLIC HEALTH	0.000	0	0.000	1	0.478
STAR	0.000	0	0.000	1	0.478
STUD FAMILY PLANN	0.000	0	0.000	1	0.478
TRANS R SOC TROP MED HYG	0.000	15	6.438	5	2.392
TROP BIOMED	0.000	0	0.000	2	0.957
VIRUS INF EXCH NEWSLETT	0.000	1	0.429	0	0.000
WORLD HEALTH FORUM	0.000	2	0.858	1	0.478
ZENTRALBL BAKTERIOL	0.000	1	0.429	1	0.478
TOTAL		233	100	209	100

TABLE - 3

**PUBLISHING JOURNAL PROFILE BY TOTAL NO. OF PAPERS
TROPICAL DISEASES BULLETIN**

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
ACTA OPHTHALMOL	DENMARK	0	0.000	1	0.478
ACTA PARASITOL	POLAND	0	0.000	1	0.478
ACTA TROP	NETHERLANDS	0	0.000	2	0.957
ALLERGY	DENMARK	0	0.000	1	0.478
AM IND HYG ASSOC J	USA	1	0.429	0	0.000
AM J CLIN NUTR	USA	1	0.429	0	0.000
AM J KIDNEY DIS	USA	0	0.000	1	0.478
AM J ROENTGENOL	USA	0	0.000	1	0.478
AM J TROP MED HYG	USA	2	0.858	1	0.478
ANN INTERN MED	USA	1	0.429	0	0.000
ANN TROP MED PARASITOL	UNITED KINGDOM	3	1.288	2	0.957
ANN TROP PAEDIATR	UNITED KINGDOM	4	1.717	4	1.914
ANTIMICROB AGENTS CHEMOTHER	USA	2	0.858	1	0.478
APMIS	DENMARK	0	0.000	3	1.435
APPL ENVIRON MICROBIOL	USA	1	0.429	0	0.000
AUST J DERMATOL	AUSTRALIA	0	0.000	1	0.478
AUST N Z J SURG	AUSTRALIA	0	0.000	1	0.478
BIOCHEM J	UNITED KINGDOM	1	0.429	0	0.000
BIOVED	INDIA	0	0.000	1	0.478
BR J ADDICT	UNITED KINGDOM	1	0.429	0	0.000
BR MED J	UNITED KINGDOM	1	0.429	0	0.000
BULL WORLD HEALTH ORGAN	SWITZERLAND	4	1.717	2	0.957
CLIN EXP IMMUNOL	UNITED KINGDOM	2	0.858	0	0.000
CONTACT DERMATITIS	DENMARKS	1	0.429	0	0.000
ECOL FOOD NUTR	USA	1	0.429	0	0.000
ENVIRON POLLUT	UNITED KINGDOM	0	0.000	2	0.957
ENVIRON RES	USA	0	0.000	1	0.478
EPIDEMIOLOG INFECT	USA	4	1.717	1	0.478
EUR J CLIN NUTR	UNITED KINGDOM	1	0.429	0	0.000
EXP PARASITOL	USA	2	0.858	1	0.478
FEMS IMMUNOL MED MICROBIOL	NETHERLANDS	0	0.000	1	0.478
FOLIA PARASITOL	CZECH REPUBLIC	1	0.429	0	0.000
FOOD NUTR BULL	JAPAN	2	0.858	0	0.000
GENITOURIN MED	UNITED KINGDOM	0	0.000	1	0.478
HEALTH HYG	UNITED KINGDOM	1	0.429	0	0.000
HEALTH POLICY PLANN	UNITED KINGDOM	1	0.429	0	0.000
HUM EXP TOXICOL	UNITED KINGDOM	0	0.000	1	0.478
IMMUNOL CELL BIOL	AUSTRALIA	1	0.429	0	0.000
IMMUNOL INFECT DIS	UNITED KINGDOM	0	0.000	1	0.478
IMMUNOLOGY	UNITED KINGDOM	1	0.429	0	0.000
INDIAN J EXP BIOL	INDIA	10	4.292	5	2.392
INDIAN J GASTROENTEROL	INDIA	0	0.000	2	0.957
INDIAN J LEPR	INDIA	7	3.004	2	0.957
INDIAN J MALARIOL	INDIA	9	3.863	4	1.914
INDIAN J MED RES	INDIA	25	10.730	8	3.828
INDIAN J MED SCI	INDIA	0	0.000	1	0.478
INDIAN J PARASITOL	INDIA	0	0.000	1	0.478
INDIAN J PEDIATR	INDIA	0	0.000	1	0.478
INDIAN J PUBLIC HEALTH	INDIA	0	0.000	3	1.435

JOURNAL TITLE	COUNTRY OF PUBLICATION	NO	1990 %	NO	1994 %
INDIAN J TUBER	INDIA	1	0.429	2	0.957
INDIAN PEDIATR	INDIA	7	3.004	38	18.182
INFECT IMMUN	USA	1	0.429	0	0.000
INSECT SCI APPL	KENYA	1	0.429	0	0.000
INT FAMILY PLANN PERSPECT	USA	1	0.429	1	0.478
INT J DERMATOL	CANADA	0	0.000	2	0.957
INT J ENVIRON HEALTH RES	UNITED KINGDOM	0	0.000	1	0.478
INT J ENVIRON STUD	UNITED KINGDOM	0	0.000	1	0.478
INT J EPIDEMIOLOG	UNITED KINGDOM	0	0.000	1	0.478
INT J LEPR	USA	17	7.296	8	3.828
INT J PARASITOL	UNITED KINGDOM	1	0.429	1	0.478
INT J STD AIDS	UNITED KINGDOM	1	0.429	0	0.000
INTERVIROLOGY	SWITZERLAND	0	0.000	1	0.478
J AM MOSQ CONTROL ASSOC	USA	3	1.288	2	0.957
J ANAL TOXICOL	USA	0	0.000	1	0.478
J BIOL CHEM	USA	1	0.429	0	0.000
J CLIN LAB ANAL	USA	0	0.000	1	0.478
J CLIN PATHOL	UNITED KINGDOM	1	0.429	0	0.000
J COMMUN DIS	INDIA	5	2.146	1	0.478
J DIARRHOEAL DIS RES	BANGLADESH	2	0.858	4	1.914
J EPIDEMIOLOG COMMUN HEALTH	UNITED KINGDOM	0	0.000	1	0.478
J EXP PATHOL	UNITED KINGDOM	1	0.429	0	0.000
J HELMINTHOL	UNITED KINGDOM	1	0.429	1	0.478
J HYG EPIDEMIOLOG MICROBIOL IMMUNOL	CZECH REPUBLIC	2	0.858	1	0.478
J INDIAN MED ASSOC	INDIA	2	0.858	3	1.435
J INFECT	UNITED KINGDOM	0	0.000	2	0.957
J INFECT DIS	USA	2	0.858	2	0.957
J MED ENTOMOL	USA	0	0.000	1	0.478
J MED MICROBIOL	UNITED KINGDOM	1	0.429	2	0.957
J MED VET MYCOL	UNITED KINGDOM	1	0.429	2	0.957
J MYCOL MED	FRANCE	0	0.000	1	0.478
J NEPAL MED ASSOC	NEPAL	1	0.429	1	0.478
J PROTOZOOL	USA	1	0.429	0	0.000
J ROYAL SOC HEALTH	UNITED KINGDOM	0	0.000	1	0.478
J TROP MED HYG	UNITED KINGDOM	9	3.863	3	1.435
J TROP PEDIATR	UNITED KINGDOM	11	4.721	9	4.306
J VIROL METHODS	NETHERLANDS	1	0.429	0	0.000
JPN J LEPR	JAPAN	1	0.429	0	0.000
JPN J TROP MED HYG	JAPAN	1	0.429	0	0.000
LANCET	UNITED KINGDOM	5	2.146	1	0.478
LEPR REV	UNITED KINGDOM	10	4.292	10	4.785
MED J ARMED FORCES INDIA	INDIA	0	0.000	1	0.478
MED MICROBIOL IMMUNOL	USA	0	0.000	1	0.478
MED SCI RES	UNITED KINGDOM	2	0.858	2	0.957
MED VET ENTOMOL	UNITED KINGDOM	1	0.429	1	0.478
MOL BIOCHEM PARASITOL	NETHERLANDS	0	0.000	2	0.957
MOL CELL BIOCHEM	NETHERLANDS	1	0.429	0	0.000
MYCOPATHOLOGIA	NETHERLANDS	3	1.288	0	0.000
MYCOSES	GERMANY	0	0.000	1	0.478
NATL MED J INDIA	INDIA	3	1.288	3	1.435
NATURE	UNITED KINGDOM	0	0.000	1	0.478
NUCL ACIDS RES	UNITED KINGDOM	0	0.000	1	0.478
NUTR RES	UNITED KINGDOM	1	0.429	0	0.000
PARASITE	NOT AVAILABLE	0	0.000	1	0.478

JOURNAL TITLE	COUNTRY OF PUBLICATION	1990		1994	
		NO	%	NO	%
PARASITE IMMUNOL	UNITED KINGDOM	1	0.429	2	0.957
PARASITOL RES	USA	0	0.000	1	0.478
PEDIATR INFECT DIS J	USA	1	0.429	0	0.000
POSTGRAD MED J	UNITED KINGDOM	1	0.429	1	0.478
PROC NUTR SOC	UNITED KINGDOM	0	0.000	1	0.478
REV INFECT DIS	USA	1	0.429	0	0.000
SCAND J INFECT DIS	NORWAY	0	0.000	1	0.478
SCIENCE	USA	1	0.429	0	0.000
SOC SCI MED	UNITED KINGDOM	2	0.858	0	0.000
SOUTHEAST ASIAN J TROP MED PUBLIC HEALTH	THAILAND	0	0.000	1	0.478
SPRINGER SEM IMMUNOPATHOL	GERMANY	1	0.429	0	0.000
STAR	USA	0	0.000	1	0.478
STUD FAMILY PLANN	USA	0	0.000	1	0.478
TISSUE ANTIGENS	DENMARK	1	0.429	0	0.000
TOXICON	UNITED KINGDOM	3	1.288	0	0.000
TRANS R SOC TROP MED HYG	UNITED KINGDOM	15	6.438	5	2.392
TROP BIOMED	MALAYSIA	0	0.000	2	0.957
TROP DOCT	UNITED KINGDOM	0	0.000	6	2.871
TROP GEOGR MED	NETHERLANDS	3	1.288	0	0.000
TROP MED PARASITOL	GERMANY	3	1.288	1	0.478
TUBERCLE	USA	1	0.429	0	0.000
VACCINE	UNITED KINGDOM	1	0.429	3	1.435
VIRUS INF EXCH NEWSLETT	AUSTRALIA	1	0.429	0	0.000
WORLD HEALTH FORUM	SWITZERLAND	2	0.858	1	0.478
WORLD J MICROBIOL BIOTECHNOL	UNITED KINGDOM	0	0.000	2	0.957
ZENTRALBL BAKTERIOL	GERMANY	1	0.429	1	0.478
TOTAL		233	100	209	100

TABLE - 4 A
INSTITUTE AND CITY - WISE BREAK UP OF PAPERS (1990 & 1994)
TROPICAL DISEASES BULLETIN

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Acworth Leprosy Hospital	Bombay	0	0.000	1	0.478
All India Institute of Hygiene & Public Health	Calcutta	6	2.575	0	0.000
All India Institute of Medical Sciences	New Delhi	23	9.871	10	4.785
Anasuya Leprosy Hospital & Training Centre	Baroda	1	0.429	0	0.000
Andhra University	Visakhapatnam	0	0.000	1	0.478
Anna University	Madras	2	0.858	1	0.478
Bharathiar University	Coimbatore	0	0.000	1	0.478
Bharati Vidyapeeth Medical College	Pune	0	0.000	1	0.478
Bombay Leprosy Project	Bombay	2	0.858	4	1.914
Burdwan University	Burdwan	0	0.000	1	0.478
Cancer Research Institute	Bombay	3	1.288	4	1.914
Central Drug Research Institute	Lucknow	19	8.155	4	1.914
Central Institute for Leprosy (ICMR)	Agra	11	4.721	3	1.435
Central Labour Institute	Bombay	0	0.000	2	0.957
Central Leprosy Teaching & Research Institute	Chengalpattu	1	0.429	1	0.478
Central Pollution Control Board	Delhi	1	0.429	0	0.000
Central Research Institute	Kasauli	0	0.000	2	0.957
Centre for Biochemical Technology	Delhi	0	0.000	5	2.392
Centre for Development Studies	Thiruvananthapuram	0	0.000	1	0.478
Chittaranjan National Cancer Institute	Calcutta	1	0.429	0	0.000
Christian Medical College & Hospital	Ludhiana	0	0.000	2	0.957
Christian Medical College & Hospital	Yellore	10	4.292	10	4.785
College of Fisheries	Mangalore	1	0.429	0	0.000
Command Hospital	Calcutta	1	0.429	1	0.478
Darbhanga Medical College & Hospital	Darbhanga	0	0.000	1	0.478
Dayanand Medical College & Hospital	Ludhiana	2	0.858	1	0.478
Defence R & D Establishment	Gwalior	1	0.429	0	0.000
Defence Research Laboratory	Tezpur	1	0.429	0	0.000
Desert Medicine Research Centre (ICMR)	Jodhpur	0	0.000	1	0.478
Divisions of Pharmaceutical Chemistry	Calcutta	0	0.000	1	0.478
Dr. A.L.M. Postgraduate Institute of Basic Medical Sciences	Madras	0	0.000	1	0.478
Dr. Bandorawalla Leprosy Hospital	Pune	1	0.429	0	0.000
Dr. R.M.L. Hospital	New Delhi	2	0.858	0	0.000
Faculty of Home Science	Baroda	0	0.000	2	0.957
Faculty of Science	Varanasi	0	0.000	1	0.478
Foundation for Medical Research	Bombay	7	3.004	1	0.478
Foundation for Research in Community Health	Bombay	1	0.429	0	0.000
Gandhi Medical College	Bhopal	2	0.858	1	0.478
Gandhi Memorial Leprosy Foundation	Wardha	0	0.000	1	0.478
GGs Medical College and Hospital	Faridkot	0	0.000	1	0.478
Government Medical College	Miraj	2	0.858	0	0.000
Government Medical College	Surat	0	0.000	2	0.957
Government Rajaji Hospital	Madurai	2	0.858	0	0.000
Grant Medical College	Bombay	1	0.429	0	0.000
Haffkine Institute	Bombay	4	1.717	1	0.478
Health and Manpower Development	New Delhi	1	0.429	0	0.000
Holy Family Hospital	New Delhi	0	0.000	1	0.478

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Indian Cancer Society	Bombay	1	0.429	0	0.000
Indian Institute of Chemical Biology	Calcutta	2	0.858	3	1.435
Indian Institute of Management	Bangalore	0	0.000	1	0.478
Indian Institute of Technology	Bombay	1	0.429	0	0.000
Individual	Bombay	0	0.000	1	0.478
Individual	Chandigarh	0	0.000	1	0.478
Individual	Delhi	0	0.000	1	0.478
Individual	Howrah	0	0.000	1	0.478
Individual	Jaipur	0	0.000	1	0.478
Individual	New Delhi	0	0.000	2	0.957
Individual	Noida	0	0.000	1	0.478
Individual	Pondicherry	0	0.000	1	0.478
Industrial Toxicology Research Centre	Lucknow	1	0.429	2	0.957
Institute of Child Health	Bombay	1	0.429	0	0.000
Institute of Child Health	Madras	0	0.000	4	1.914
Institute of Medical Sciences	Varanasi	1	0.429	2	0.957
Institute of Microbial Technology	Chandigarh	2	0.858	0	0.000
Institute of Microbiology	Madras	0	0.000	1	0.478
Institute of Ophthalmology Joseph Eye Hospital	Tiruchirapalli	1	0.429	1	0.478
Institute of Pathology (ICMR)	New Delhi	2	0.858	1	0.478
Institute of Preventive Medicine	Hyderabad	1	0.429	0	0.000
International Centre for Genetic Engineering & Biotechnology	New Delhi	0	0.000	1	0.478
International Institute of Population Sciences	Bombay	1	0.429	0	0.000
Ispat General Hospital	Rourkela	3	1.288	0	0.000
Jadavpur University	Calcutta	1	0.429	3	1.435
Jaslok Hospital & Research Centre	Bombay	0	0.000	1	0.478
Jawaharlal Institute of Postgraduate Medical Education & Research	Pondicherry	1	0.429	5	2.392
Jawaharlal Nehru University	New Delhi	3	1.288	1	0.478
J.J.M. Medical College	Davangere	0	0.000	1	0.478
J.N. Medical College	Belgaum	0	0.000	2	0.957
J.N. Medical College	Bhagalpur	1	0.429	0	0.000
J.N. Medical College AMU	Aligarh	4	1.717	2	0.957
Kalawati Saran Children's Hospital	New Delhi	1	0.429	0	0.000
Kasturba Hospital	Manipal	0	0.000	4	1.914
Kasturba Medical College & Hospital	Mangalore	0	0.000	2	0.957
King George's Medical College	Lucknow	2	0.858	0	0.000
K.E.M. Hospital & Research Centre	Bombay	2	0.858	1	0.478
Leprosy Centre	Vellore	0	0.000	1	0.478
L.T.M. Medical College	Bombay	1	0.429	0	0.000
Maharshi Dayanand University	Rohtak	0	0.000	1	0.478
Mahatma Gandhi Institute of Medical Sciences	Wardha	1	0.429	1	0.478
Malaria Research Centre (ICMR)	Delhi	9	3.863	9	4.306
Maulana Azad Medical College	New Delhi	1	0.429	2	0.957
Medical College	Jabalpur	1	0.429	0	0.000
Medical College	Panjim	0	0.000	1	0.478
Medical College	Thiruvananthapuram	0	0.000	2	0.957
Medical College & Hospital	Rohtak	3	1.288	1	0.478
Medical Complex	Pondicherry	0	0.000	1	0.478

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
Ministry of Health & Family Welfare	New Delhi	1	0.429	1	0.478
Moscom Hospital	Ernakulam	1	0.429	0	0.000
M.L.B. Medical College	Jhansi	1	0.429	0	0.000
M.L.N. Medical College	Allahabad	1	0.429	0	0.000
M.S. University of Baroda	Baroda	3	1.288	0	0.000
National Chemical Laboratory	Pune	0	0.000	2	0.957
National Environment Engineering Research Institute	Nagpur	0	0.000	3	1.435
National Institute of Virology (ICMR)	Pune	0	0.000	1	0.478
National Institute of Cholera & Enteric Diseases (ICMR)	Calcutta	6	2.575	12	5.742
National Institute of Communicable Diseases	Delhi	3	1.288	2	0.957
National Institute of Mental Health & Neurosciences	Bangalore	2	0.858	0	0.000
National Institute of Nutrition (ICMR)	Hyderabad	9	3.863	0	0.000
National Institute of Occupational Health (ICMR)	Ahmedabad	0	0.000	1	0.478
National Institute of Virology (ICMR)	Pune	0	0.000	1	0.478
National Malaria Eradication Programme	Delhi	1	0.429	0	0.000
National Medical College	Calcutta	0	0.000	1	0.478
North Eastern Hill University	Shillong	1	0.429	1	0.478
Nutrition Research Centre	Bangalore	0	0.000	1	0.478
Osmania General Hospital	Hyderabad	0	0.000	1	0.478
Panjab University	Chandigarh	0	0.000	1	0.478
Patna Medical College & Hospital	Patna	1	0.429	0	0.000
<u>Postgraduate Institute of Medical Education & Research</u>	<u>Chandigarh</u>	<u>15</u>	<u>6.438</u>	<u>16</u>	<u>7.656</u>
Postgraduate Institute of Basic Medical Sciences	Madras	2	0.858	0	0.000
Rajendra Memorial Research Institute of Medical Sciences (ICMR)	Patna	0	0.000	1	0.478
Ravishankar University	Raipur	0	0.000	1	0.478
Regional Filaria Training & Research Centre	Kerala***	1	0.429	0	0.000
Regional Leprosy Training Research Institute	Raipur	0	0.000	1	0.478
Regional Medical Research Centre (ICMR)	Bhubaneswar	1	0.429	1	0.478
Regional Medical Research Centre (ICMR)	Jabalpur	1	0.429	0	0.000
Regional Office for Health & Family Welfare	Patna	0	0.000	1	0.478
Regional Research Laboratory	Jammu Tawi	0	0.000	1	0.478
Research in Home Science (Dept. of Post Graduate Studies)	Bombay	0	0.000	1	0.478
R.N.T. Medical College	Udaipur	1	0.429	0	0.000
Saha Institute of Nuclear Physics	Calcutta	0	0.000	1	0.478
Schieffelin Leprosy Res & Training Centre	Karigari	0	0.000	1	0.478
Sher-i-Kashmir Institute of Medical Sciences	Srinagar	1	0.429	2	0.957
Sri Jay Gandhi Post Graduate Institute of Medical Sciences	Lucknow	0	0.000	1	0.478
Sree Chitra Thirunal Institute for Medical Sciences & Technology	Thiruvananthapuram	1	0.429	0	0.000
SRT Rural Medical College	Ambajogai	1	0.429	0	0.000
St John's Medical College	Bangalore	0	0.000	1	0.478
STD & Leprosy Base Hospital	Lucknow	1	0.429	0	0.000
S.C.B. Medical College	Cuttack	1	0.429	0	0.000
S.V. Medical College	Tirupati	0	0.000	1	0.478
Tuberculosis Research Centre (ICMR)	Madras	0	0.000	3	1.435
University College of Medical Sciences	Delhi	1	0.429	1	0.478
University College of Medicine	Calcutta	0	0.000	1	0.478
University of Calcutta	Calcutta	1	0.429	0	0.000
University of Kerala	Thiruvananthapuram	1	0.429	0	0.000

INSTITUTE	CITY	1990		1994	
		NO	%	NO	%
University of Mysore	Mysore	3	1.288	0	0.000
Vallabhbai Patel Chest Institute	Delhi	2	0.858	0	0.000
Vector Control Research Centre (ICMR)	Pondicherry	11	4.721	6	2.871
Veternary college	Madras	1	0.429	0	0.000
Vidyasagar University	Midnapore	0	0.000	1	0.478
Western Railway Hospital	Ajmer	0	0.000	1	0.478
WHO Regional Office for South East Asia	New Delhi	0	0.000	1	0.478
TOTAL		233	100	209	100

TABLE - 4 B

CITY-WISE PAPERS DURING 1990 AND 1994 BY SCIENTISTS FROM INDIA
TROPICAL DISEASES BULLETIN

CITY	1990		1994	
	NO.	%	NO.	%
Agra	11	4.721	3	1.435
Ahmedabad	0	0.000	1	0.478
Ajmer	0	0.000	1	0.478
Aligarh	4	1.717	2	0.957
Allahabad	1	0.429	0	0.000
Ambajogai	1	0.429	0	0.000
Bangalore	2	0.858	3	1.435
Baroda	4	1.717	2	0.957
Belgaum	0	0.000	2	0.957
Bhagalpur	1	0.429	0	0.000
Bhopal	2	0.858	1	0.478
Bhubaneswar	1	0.429	1	0.478
Bombay	25	10.730	17	8.134
Burdwan	0	0.000	1	0.478
Calcutta	18	7.725	23	11.005
Chandigarh	17	7.296	18	8.612
Chengalpattu	1	0.429	1	0.478
Coimbatore	0	0.000	1	0.478
Cuttack	1	0.429	0	0.000
Darbhanga	0	0.000	1	0.478
Davangere	0	0.000	1	0.478
Ernakulam	1	0.429	0	0.000
Faridkot	0	0.000	1	0.478
Gwalior	1	0.429	0	0.000
Howrah	0	0.000	1	0.478
Hyderabad	10	4.292	1	0.478
Jabalpur	2	0.858	0	0.000
Jaipur	0	0.000	1	0.478
Jammu Tawi	0	0.000	1	0.478
Jhansi	1	0.429	0	0.000
Jodhpur	0	0.000	1	0.478
Karigari	0	0.000	1	0.478
Kasauli	0	0.000	2	0.957
Kerala***	1	0.429	0	0.000
Lucknow	23	9.871	7	3.349
Ludhiana	2	0.858	3	1.435
Madras	5	2.146	10	4.785
Madurai	2	0.858	0	0.000
Mangalore	1	0.429	2	0.957
Manipal	0	0.000	4	1.914
Midnapore	0	0.000	1	0.478
Miraj	2	0.858	0	0.000
Mysore	3	1.288	0	0.000
Nagpur	0	0.000	3	1.435
New Delhi**	51	21.888	38	18.182
Noida	0	0.000	1	0.478
Panjim	0	0.000	1	0.478
Patna	1	0.429	2	0.957
Pondicherry	12	5.150	13	6.220

CITY	1990		1994	
	NO.	%	NO.	%
Pune	1	0.429	5	2.392
Raipur	0	0.000	2	0.957
Rohtak	3	1.288	2	0.957
Rourkela	3	1.288	0	0.000
Shillong	1	0.429	1	0.478
Srinagar	1	0.429	2	0.957
Surat	0	0.000	2	0.957
Tezpur	1	0.429	0	0.000
Thiruvananthapuram	2	0.858	3	1.435
Tiruchirapalli	1	0.429	1	0.478
Tirupati	0	0.000	1	0.478
Udaipur	1	0.429	0	0.000
Varanasi	1	0.429	3	1.435
Vellore	10	4.292	11	5.263
Visakhapatnam	0	0.000	1	0.478
Wardha	1	0.429	2	0.957
TOTAL	233	100	209	100

- ** Includes Delhi also
*** City's name is not available in the Database

TABLE - 4 C

INDIAN (STATE - WISE) PAPERS DURING 1990 AND 1994
TROPICAL DISEASES BULLETIN

STATE/ UNION TERRITORY	1990		1994	
	NO.	%	NO.	%
Andhra Pradesh	10	4.292	3	1.435
Assam	2	0.858	1	0.478
Bihar	2	0.858	3	1.435
Chandigarh	17	7.296	17	8.134
Delhi	51	21.888	38	18.182
Goa	0	0.000	1	0.478
Gujarat	4	1.717	5	2.392
Haryana	3	1.288	2	0.957
Himachal Pradesh	0	0.000	2	0.957
Jammu & Kashmir	1	0.429	3	1.435
Karnataka	6	2.575	12	5.742
Kerala	4	1.717	3	1.435
Madhya Pradesh	8	3.433	3	1.435
Maharashtra	30	12.876	27	12.919
Orissa	2	0.858	1	0.478
Pondicherry	12	5.150	13	6.220
Punjab	2	0.858	5	2.392
Rajasthan	1	0.429	3	1.435
Tamil Nadu	19	8.155	25	11.962
Uttar Pradesh	41	17.597	16	7.656
West Bengal	18	7.725	26	12.440
TOTAL	233	100	209	100

TABLE - 5

CONTRIBUTION OF INDIAN INSTITUTIONS (BY TYPE: 1-5)
TROPICAL DISEASES BULLETIN

TYPE OF INSTITUTION	INST. CODE	1990		1994	
		NO.	%	NO.	%
Private Sector	5	133	57.08	22	10.53
Academic and others Institutions of Excellence	4	38	16.31	24	11.48
Autonomous Institutions	3	24	10.30	109	52.15
State Government including State funded Medical Colleges	2	23	9.87	37	17.70
Central Government Institutions	1	15	6.44	17	8.13
TOTAL		233	100.00	209	100.00