APPENDICES

Appendix 1 : List of Titles Listed in JCR

Abbreviation	Journal Full Titles	ISSN No.	Impact Factor
ACM COMPUT SURV	ACM COMPUTING SURVEYS	0360-0300	0.484
ACM SIGPLAN NOTICES	ACM SIGPLAN NOTICES	0362-1340	0.145
ACM T COMPUT SYST	ACM TRANSACTIONS ON COMPUTER SYSTEMS	0734-2071	0.444
ACM T DATABASE SYST	ACM TRANSACTIONS ON DATABASE SYSTEMS	0362-5915	1.125
ACM T GRAPHIC	ACM TRANSACTIONS ON GRAPHICS	0730-0301	1.069
ACM T INFORM SYST	ACM TRANSACTIONS ON INFORMATION SYSTEMS	1046-8188	0.931
ACM T MATH SOFTWARE	ACM TRANSACTIONS ON MATHEMATICAL SOFTWARE	0098-3500	1.032
ACM T PROGR LANG SYS	ACM TRANSACTIONS ON PROGRAMMING LANGUAGES AND SYSTEMS	0164-0925	0.839
ACTA INFORM	ACTA INFORMATICA	0001-5903	0.468
ADV ENG SOFTW	ADVANCES IN ENGINEERING SOFTWARE	0965-9978	0.243
AI APPLICATIONS	AI APPLICATIONS	1051-8266	0.275
AI COMMUN	AI COMMUNICATIONS	0921-7126	0.406
AI EDAM	AI EDAM-ARTIFICIAL INTELLIGENCE FOR ENGINEERING DESIGN ANALYSIS AND MANUFAC	0890-0604	0.462
AI MAG	AI MAGAZINE	0738-4602	1.62
ALGORITHMICA	ALGORITHMICA	0178-4617	0.517
ANALOG INTEGR CIRC S	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	0925-1030	0.345
ANN MATH ARTIF INTEL	ANNALS OF MATHEMATICS AND ARTIFICIAL INTELLIGENCE	1012-2443	0.314
ANNU REV INFORM SCI	ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY	0066-4200	1.25
APPL ALGEBR ENG COMM	APPLICABLE ALGEBRA IN ENGINEERING COMMUNICATION AND COMPUTING	0938-1279	0.187
APPL ARTIF INTELL	APPLIED ARTIFICIAL INTELLIGENCE	0883-9514	0.133
APPL INTELL	APPLIED INTELLIGENCE	0924-669X	0.326
ARTIF INTELL	ARTIFICIAL INTELLIGENCE	0004-3702	1.608
ARTIF INTELL ENG	ARTIFICIAL INTELLIGENCE IN ENGINEERING	0954-1810	0.2
ARTIF INTELL MED	ARTIFICIAL INTELLIGENCE IN MEDICINE	0933-3657	1.015
ARTIF INTELL REV	ARTIFICIAL INTELLIGENCE REVIEW	0269-2821	0.632
ASLIB PROC	ASLIB PROCEEDINGS	0001-253X	0.28
AT&T TECH J	AT&T TECHNICAL JOURNAL	8756-2324	0.438
AUST COMPUT J	AUSTRALIAN COMPUTER JOURNAL	0004-8917	0.172

AUTON ROBOT	AUTONOMOUS ROBOTS	0929-5593	0.533
BEHAV INFORM TECHNOL	BEHAVIOUR & INFORMATION TECHNOLOGY	0144-929X	0.169
BELL LABS TECH J	BELL LABS TECHNICAL JOURNAL	1089-7089	0.329
BIOINFORMATICS	BIOINFORMATICS	1367-4803	
BIOL CYBERN	BIOLOGICAL CYBERNETICS	0340-1200	1.089
BIOTECHNOL SOFTW I J	BIOTECHNOLOGY SOFTWARE & INTERNET JOURNAL	1088-4270	0.071
BIT	BIT	0006-3835	0.623
BYTE	BYTE	0360-5280	0.126
CAN J ELECT COMPUT E	CANADIAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING-REVUE CANADIENNE DE	0840-8688	0.023
CHEMOMETR INTELL LAB	CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS	0169-7439	1.754
COGNITIVE BRAIN RES	COGNITIVE BRAIN RESEARCH	0926-6410	2.755
COMMUN ACM	COMMUNICATIONS OF THE ACM	0001-0782	1.698
COMP STAND INTER	COMPUTER STANDARDS & INTERFACES	0920-5489	0.157
COMPEL	COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION AND MATHEMATICS IN ELECTRI		0.214
COMPUT AIDED DESIGN	COMPUTER-AIDED DESIGN	0010-4485	0.854
COMPUT AIDED GEOM D	COMPUTER AIDED GEOMETRIC DESIGN	0167-8396	0.513
COMPUT APPL BIOSCI	COMPUTER APPLICATIONS IN THE BIOSCIENCES	0266-7061	2.898
COMPUT ARTIF INTELL	COMPUTERS AND ARTIFICIAL INTELLIGENCE	0232-0274	0.484
COMPUT BIOL MED	COMPUTERS IN BIOLOGY AND MEDICINE	0010-4825	0.422
COMPUT BIOMED RES	COMPUTERS AND BIOMEDICAL RESEARCH	0010-4809	0.836
COMPUT CHEM	COMPUTERS & CHEMISTRY	0097-8485	1.566
COMPUT CHEM ENG	COMPUTERS & CHEMICAL ENGINEERING	0098-1354	0.54
COMPUT COMMUN	COMPUTER COMMUNICATIONS	0140-3664	0.167
COMPUT COMPLEX	COMPUTATIONAL COMPLEXITY	1016-3328	0
COMPUT DES	COMPUTER DESIGN	0010-4566	0.022
COMPUT EDUC	COMPUTERS & EDUCATION	0360-1315	0.402
COMPUT ELECTR ENG	COMPUTERS & ELECTRICAL ENGINEERING	0045-7906	0.085
COMPUT ELECTRON AGR	COMPUTERS AND ELECTRONICS IN AGRICULTURE	0168-1699	0.347
COMPUT FLUIDS	COMPUTERS & FLUIDS	0045-7930	0.5
COMPUT GEOSCI	COMPUTERS & GEOSCIENCES	0098-3004	0.412
COMPUT GEOTECH	COMPUTERS AND GEOTECHNICS	0266-352X	0.134

COMPUT GRAPH	COMPUTERS & GRAPHICS	0097-8493	0.42
COMPUT GRAPH FORUM	COMPUTER GRAPHICS FORUM	0167-7055	0.112
COMPUT GRAPH WORLD	COMPUTER GRAPHICS WORLD	0271-4159	0.036
COMPUT HUMANITIES	COMPUTERS AND THE HUMANITIES	0010-4817	0.148
COMPUT IND	COMPUTERS IN INDUSTRY	0166-3615	0.239
COMPUT IND ENG	COMPUTERS & INDUSTRIAL ENGINEERING	0360-8352	0.105
COMPUT INTEGR MANUF	COMPUTER INTEGRATED MANUFACTURING SYSTEMS	0951-5240	0.267
COMPUT INTELL	COMPUTATIONAL INTELLIGENCE	0824-7935	0.391
COMPUT J	COMPUTER JOURNAL	0010-4620	0.242
COMPUT LANG	COMPUTER LANGUAGES	0096-0551	0.16
COMPUT LINGUIST	COMPUTATIONAL LINGUISTICS	0891-2017	0.273
COMPUT MATH APPL	COMPUTERS & MATHEMATICS WITH APPLICATIONS	0898-1221	0.3
COMPUT METH PROG BIO	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	0169-2607	0.664
COMPUT METHOD APPL M	COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING	0045-7825	0.933
COMPUT MUSIC J	COMPUTER MUSIC JOURNAL	0148-9267	0.455
COMPUT NETWORKS ISDN	COMPUTER NETWORKS AND ISDN SYSTEMS	0169-7552	0.352
COMPUT OPER RES	COMPUTERS & OPERATIONS RESEARCH	0305-0548	0.246
COMPUT PHYS COMMUN	COMPUTER PHYSICS COMMUNICATIONS	0010-4655	1.302
COMPUT SECUR	COMPUTERS & SECURITY	0167-4048	0.128
COMPUT SPEECH LANG	COMPUTER SPEECH AND LANGUAGE	0885-2308	0.467
COMPUT STRUCT	COMPUTERS & STRUCTURES	0045-7949	0.166
COMPUT SYST	COMPUTING SYSTEMS	0895-6340	0.312
COMPUT SYST SCI ENG	COMPUTER SYSTEMS SCIENCE AND ENGINEERING	0267-6192	0.091
COMPUT VIS IMAGE UND	COMPUTER VISION AND IMAGE UNDERSTANDING	1077-3142	0.753
COMPUTER	COMPUTER	0018-9162	0.687
COMPUTING	COMPUTING	0010-485X	0.543
CONCURRENCY-PRACT EX	CONCURRENCY-PRACTICE AND EXPERIENCE	1040-3108	0.308
CYBERN SYST ANAL+	CYBERNETICS AND SYSTEMS ANALYSIS	1060-0396	0.005
CYBERNET SYST	CYBERNETICS AND SYSTEMS	0196-9722	0.378
DATA BASE ADV INF SY	DATA BASE FOR ADVANCES IN INFORMATION SYSTEMS	0095-0033	0.128
DATA KNOWL ENG	DATA & KNOWLEDGE ENGINEERING	0169-023X	0.048

DATA MIN KNOWL DISC	DATA MINING AND KNOWLEDGE DISCOVERY	1384-5810	1.235
DATAMATION	DATAMATION	0011-6963	0.079
DECIS SUPPORT SYST	DECISION SUPPORT SYSTEMS	0167-9236	0.227
DISCRETE COMPUT GEOM	DISCRETE & COMPUTATIONAL GEOMETRY	0179-5376	0.475
DISPLAYS	DISPLAYS	0141-9382	0.375
DISTRIB COMPUT	DISTRIBUTED COMPUTING	0178-2770	0.522
DISTRIB PARALLEL DAT	DISTRIBUTED AND PARALLEL DATABASES	0926-8782	0.231
DR DOBBS J	DR DOBBS JOURNAL	1044-789X	0.097
ENG APPL ARTIF INTEL	ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE	0952-1976	0.239
ENG COMPUT	ENGINEERING WITH COMPUTERS	0177-0667	0.568
ENG COMPUTATION	ENGINEERING COMPUTATIONS	0264-4401	0.195
ENG INTELL SYST ELEC	ENGINEERING INTELLIGENT SYSTEMS FOR ELECTRICAL ENGINEERING AND COMMUNICATIO	0969-1170	0
ENVIRON MODELL SOFTW	ENVIRONMENTAL MODELLING & SOFTWARE	1364-8152	0.176
ENVIRON SOFTW	ENVIRONMENTAL SOFTWARE	0266-9838	0.235
EUR J INFORM SYST	EUROPEAN JOURNAL OF INFORMATION SYSTEMS	0960-085X	0.6
EXPERT SYST	EXPERT SYSTEMS	0266-4720	0.039
EXPERT SYST APPL	EXPERT SYSTEMS WITH APPLICATIONS	0957-4174	0.182
FORM METHOD SYST DES	FORMAL METHODS IN SYSTEM DESIGN	0925-9856	0.667
FUTURE GENER COMP SY	FUTURE GENERATION COMPUTER SYSTEMS	0167-739X	0.019
FUZZY SET SYST	FUZZY SETS AND SYSTEMS	0165-0114	0.331
GRAPH MODEL IM PROC	GRAPHICAL MODELS AND IMAGE PROCESSING	1077-3169	0.674
HEWLETT-PACKARD J	HEWLETT-PACKARD JOURNAL	0018-1153	0.038
HUM-COMPUT INTERACT	HUMAN-COMPUTER INTERACTION	0737-0024	0.76
IBM J RES DEV	IBM JOURNAL OF RESEARCH AND DEVELOPMENT	0018-8646	0.93
IBM SYST J	IBM SYSTEMS JOURNAL	0018-8670	0.71
ICCA J	ICCA JOURNAL	0920-234X	0.395
IEE P-COMPUT DIG T	IEE PROCEEDINGS-COMPUTERS AND DIGITAL TECHNIQUES	1350-2387	0.181
IEEE ACM T NETWORK	IEEE-ACM TRANSACTIONS ON NETWORKING	1063-6692	1.264
IEEE COMPUT APPL POW	IEEE COMPUTER APPLICATIONS IN POWER	0895-0156	0.194
IEEE COMPUT GRAPH	IEEE COMPUTER GRAPHICS AND APPLICATIONS	0272-1716	0.426
IEEE COMPUT SCI ENG	IEEE COMPUTATIONAL SCIENCE & ENGINEERING	1070-9924	0.414

IEEE CONCURR	IEEE CONCURRENCY	1092-3063	0.56
IEEE DES TEST COMPUT	IEEE DESIGN & TEST OF COMPUTERS	0740-7475	0.299
IEEE EXPERT	IEEE INTELLIGENT SYSTEMS & THEIR APPLICATIONS	0885-9000	0.815
IEEE MICRO	IEEE MICRO	0272-1732	0.992
IEEE MULTIMEDIA	IEEE MULTIMEDIA	1070-986X	0.95
IEEE NETWORK	IEEE NETWORK	0890-8044	1.159
IEEE PARALL DISTRIB	IEEE PARALLEL & DISTRIBUTED TECHNOLOGY	1063-6552	1.727
IEEE SOFTWARE	IEEE SOFTWARE	0740-7459	0.82
IEEE T COMPUT	IEEE TRANSACTIONS ON COMPUTERS	0018-9340	0.958
IEEE T COMPUT AID D	IEEE TRANSACTIONS ON COMPUTER-AIDED DESIGN OF INTEGRATED CIRCUITS AND SYSTE	0278-0070	0.571
IEEE T FUZZY SYST	IEEE TRANSACTIONS ON FUZZY SYSTEMS	1063-6706	1.239
IEEE T IMAGE PROCESS	IEEE TRANSACTIONS ON IMAGE PROCESSING	1057-7149	1.364
IEEE T INFORM THEOR	IEEE TRANSACTIONS ON INFORMATION THEORY	0018-9448	2.083
IEEE T KNOWL DATA EN	IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING	1041-4347	0.513
IEEE T NEURAL NETWOR	IEEE TRANSACTIONS ON NEURAL NETWORKS	1045-9227	1.28
IEEE T PARALL DISTR	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	1045-9219	0.766
IEEE T PATTERN ANAL	IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE	0162-8828	1.417
IEEE T RELIAB	IEEE TRANSACTIONS ON RELIABILITY	0018-9529	0.255
IEEE T SOFTWARE ENG	IEEE TRANSACTIONS ON SOFTWARE ENGINEERING	0098-5589	1.153
IEEE T SYST MAN CY A	IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART A-SYSTEMS AND HUMANS	1083-4427	0.494
IEEE T SYST MAN CY B	IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART B-CYBERNETICS	1083-4419	0.866
IEEE T VIS COMPUT GR	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	1077-2626	0.759
IEEE T VLSI SYST	IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS	1063-8210	0.733
IEICE T FUND ELECTR	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUT	0916-8508	0.207
IEICE T INF SYST	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	0916-8532	0.016
IMAGE VISION COMPUT	IMAGE AND VISION COMPUTING	0262-8856	0.431
IND MANAGE DATA SYST	INDUSTRIAL MANAGEMENT & DATA SYSTEMS	0263-5577	0.078
INFOR	INFOR	0315-5986	0.293
INFORM COMPUT	INFORMATION AND COMPUTATION	0890-5401	0.731
INFORM MANAGE	INFORMATION & MANAGEMENT	0378-7206	0.674
INFORM PROCESS LETT	INFORMATION PROCESSING LETTERS	0020-0190	0.196

INFORM PROCESS MANAG	INFORMATION PROCESSING & MANAGEMENT	0306-4573	0.366
INFORM SCIENCES	INFORMATION SCIENCES	0020-0255	0.169
INFORM SOFTWARE TECH	INFORMATION AND SOFTWARE TECHNOLOGY	0950-5849	0.174
INFORM SYST	INFORMATION SYSTEMS	0306-4379	1.547
INFORM SYST MANAGE	INFORMATION SYSTEMS MANAGEMENT	1058-0530	0.134
INFORM TECHNOL LIBR	INFORMATION TECHNOLOGY AND LIBRARIES	0730-9295	0.167
INT J APPROX REASON	INTERNATIONAL JOURNAL OF APPROXIMATE REASONING	0888-613X	0.578
INT J BIOMED COMPUT	INTERNATIONAL JOURNAL OF BIO-MEDICAL COMPUTING	0020-7101	0.403
INT J COMP INTEG M	INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUFACTURING	0951-192X	0.434
INT J COMPUT APPL T	INTERNATIONAL JOURNAL OF COMPUTER APPLICATIONS IN TECHNOLOGY	0952-8091	0.015
INT J COMPUT GEOM AP	INTERNATIONAL JOURNAL OF COMPUTATIONAL GEOMETRY & APPLICATIONS	0218-1959	0.27
INT J COMPUT VISION	INTERNATIONAL JOURNAL OF COMPUTER VISION	0920-5691	1.294
INT J COOP INF SYST	INTERNATIONAL JOURNAL OF COOPERATIVE INFORMATION SYSTEMS	0218-8430	0.5
INT J EXPERT SYST	INTERNATIONAL JOURNAL OF EXPERT SYSTEMS	0894-9077	0.154
INT J GEN SYST	INTERNATIONAL JOURNAL OF GENERAL SYSTEMS	0308-1079	0.175
INT J HIGH PERFORM C	INTERNATIONAL JOURNAL OF HIGH PERFORMANCE COMPUTING APPLICATIONS	1094-3420	
INT J HIGH SPEED COM	INTERNATIONAL JOURNAL OF HIGH SPEED COMPUTING	0129-0533	0.154
INT J HUM-COMPUT INT	INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION	1044-7318	0.267
INT J HUM-COMPUT ST	INTERNATIONAL JOURNAL OF HUMAN-COMPUTER STUDIES	1071-5819	0.685
INT J INTELL SYST	INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS	0884-8173	0.354
INT J MED INFORM	INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS	1386-5056	0.375
INT J MICROGR OPT T	INTERNATIONAL JOURNAL OF MICROGRAPHICS & OPTICAL TECHNOLOGY	0958-9961	0.026
INT J MICROWAVE MILL	INTERNATIONAL JOURNAL OF MICROWAVE AND MILLIMETER-WAVE COMPUTER-AIDED ENGIN	1050-1827	0.321
INT J MOD PHYS C	INTERNATIONAL JOURNAL OF MODERN PHYSICS C	0129-1831	0.962
INT J NUMER METH FL	INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS	0271-2091	0.518
INT J PARALLEL PROG	INTERNATIONAL JOURNAL OF PARALLEL PROGRAMMING	0885-7458	0.263
INT J PATTERN RECOGN	INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE	0218-0014	0.348
INT J SOFTW ENG KNOW	INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING	0218-1940	0.096
INT J SUPERCOMPUT AP	INTERNATIONAL JOURNAL OF SUPERCOMPUTER APPLICATIONS AND HIGH PERFORMANCE CO	1078-3482	0.659
INT J SYST SCI	INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE	0020-7721	0.303
INT J UNCERTAIN FUZZ	INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS	0218-4885	0.29

INTEGR COMPUT-AID E	INTEGRATED COMPUTER-AIDED ENGINEERING	1069-2509	0.209
INTEGRATION	INTEGRATION-THE VLSI JOURNAL	0167-9260	0.277
INTERACT COMPUT	INTERACTING WITH COMPUTERS	0953-5438	0.688
INTERNET RES	INTERNET RESEARCH-ELECTRONIC NETWORKING APPLICATIONS AND POLICY	1066-2243	0.646
J ACM	JOURNAL OF THE ACM	0004-5411	1.703
J ALGORITHM	JOURNAL OF ALGORITHMS	0196-6774	0.631
J AM MED INFORM ASSN	JOURNAL OF THE AMERICAN MEDICAL INFORMATICS ASSOCIATION	1067-5027	2.462
J AM SOC INFORM SCI	JOURNAL OF THE AMERICAN SOCIETY FOR INFORMATION SCIENCE	0002-8231	1.35
J ARTIF INTELL RES	JOURNAL OF ARTIFICIAL INTELLIGENCE RESEARCH	1076-9757	1.191
J AUTOM REASONING	JOURNAL OF AUTOMATED REASONING	0168-7433	0.317
J CHEM INF COMP SCI	JOURNAL OF CHEMICAL INFORMATION AND COMPUTER SCIENCES	0095-2338	2.609
J CIRCUIT SYST COMP	JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS	0218-1266	0.105
J COMB OPTIM	JOURNAL OF COMBINATORIAL OPTIMIZATION	1382-6905	0.267
J COMPUT AID MOL DES	JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN	0920-654X	2.612
J COMPUT CIVIL ENG	JOURNAL OF COMPUTING IN CIVIL ENGINEERING	0887-3801	0.181
J COMPUT INFORM SYST	JOURNAL OF COMPUTER INFORMATION SYSTEMS	0887-4417	0.05
J COMPUT PHYS	JOURNAL OF COMPUTATIONAL PHYSICS	0021-9991	1.377
J COMPUT SYS SC INT+	JOURNAL OF COMPUTER AND SYSTEMS SCIENCES INTERNATIONAL	1064-2307	0
J COMPUT SYST SCI	JOURNAL OF COMPUTER AND SYSTEM SCIENCES	0022-0000	0.577
J CRYPTOL	JOURNAL OF CRYPTOLOGY	0933-2790	0.3
J EXP THEOR ARTIF IN	JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE	0952-813X	0.2
J HIGH SPEED NETW	JOURNAL OF HIGH SPEED NETWORKS	0926-6801	0.302
J INFORM SCI	JOURNAL OF INFORMATION SCIENCE	0165-5515	0.634
J INFORM TECHNOL	JOURNAL OF INFORMATION TECHNOLOGY	0268-3962	0.442
J INTELL FUZZY SYST	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	1064-1246	0.208
J INTELL MANUF	JOURNAL OF INTELLIGENT MANUFACTURING	0956-5515	0.226
J INTELL ROBOT SYST	JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS	0921-0296	0.104
J LOGIC COMPUT	JOURNAL OF LOGIC AND COMPUTATION	0955-792X	0.394
J LOGIC PROGRAM	JOURNAL OF LOGIC PROGRAMMING	0743-1066	0.675
J MATH IMAGING VIS	JOURNAL OF MATHEMATICAL IMAGING AND VISION	0924-9907	0.543
J MOL GRAPH MODEL	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	1093-3263	4.938

J MOL MODEL	JOURNAL OF MOLECULAR MODELING	0948-5023	0.809
J NETW COMPUT APPL	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	1084-8045	0.137
J NEW MUSIC RES	JOURNAL OF NEW MUSIC RESEARCH	0929-8215	0.2
J OBJECT-ORIENT PROG	JOURNAL OF OBJECT-ORIENTED PROGRAMMING	0896-8438	0.115
J PARALLEL DISTR COM	JOURNAL OF PARALLEL AND DISTRIBUTED COMPUTING	0743-7315	0.576
J PROGRAM LANG	JOURNAL OF PROGRAMMING LANGUAGES	0963-9306	0.2
J SOFTW MAINT-RES PR	JOURNAL OF SOFTWARE MAINTENANCE-RESEARCH AND PRACTICE	1040-550X	0.711
J STRATEGIC INF SYST	JOURNAL OF STRATEGIC INFORMATION SYSTEMS	0963-8687	0.069
J SUPERCOMPUT	JOURNAL OF SUPERCOMPUTING	0920-8542	0.441
J SYMB COMPUT	JOURNAL OF SYMBOLIC COMPUTATION	0747-7171	0.539
J SYST ARCHITECT	JOURNAL OF SYSTEMS ARCHITECTURE	1383-7621	0.029
J SYST SOFTWARE	JOURNAL OF SYSTEMS AND SOFTWARE	0164-1212	0.184
J VIS COMMUN IMAGE R	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION	1047-3203	0.635
J VISUAL COMP ANIMAT	JOURNAL OF VISUALIZATION AND COMPUTER ANIMATION	1049-8907	0.414
J VISUAL LANG COMPUT	JOURNAL OF VISUAL LANGUAGES AND COMPUTING	1045-926X	0.545
J VLSI SIGNAL PROC	JOURNAL OF VLSI SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNO	0922-5773	0.466
KNOWL ENG REV	KNOWLEDGE ENGINEERING REVIEW	0269-8889	1.27
KNOWL-BASED SYST	KNOWLEDGE-BASED SYSTEMS	0950-7051	0.159
KYBERNETES	KYBERNETES	0368-492X	0.231
KYBERNETIKA	KYBERNETIKA	0023-5954	0.08
LIBR SOFTWARE REV	LIBRARY SOFTWARE REVIEW	0742-5759	0.375
M D COMPUT	M D COMPUTING	0724-6811	1.033
MACH LEARN	MACHINE LEARNING	0885-6125	1
MACH VISION APPL	MACHINE VISION AND APPLICATIONS	0932-8092	0.471
MAPLETECH	MAPLETECH	1061-5733	0.149
MATCH-COMMUN MATH CH	MATCH-COMMUNICATIONS IN MATHEMATICAL AND IN COMPUTER CHEMISTRY	0340-6253	0.319
MATH COMPUT MODEL	MATHEMATICAL AND COMPUTER MODELLING	0895-7177	0.251
MATH COMPUT SIMULAT	MATHEMATICS AND COMPUTERS IN SIMULATION	0378-4754	0.116
MATH PROGRAM	MATHEMATICAL PROGRAMMING	0025-5610	1.052
MATH SYST THEORY	MATHEMATICAL SYSTEMS THEORY	0025-5661	0.306
MECHATRONICS	MECHATRONICS	0957-4158	0.292

MED BIOL ENG COMPUT	MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING	0140-0118	0.856
MED INFORM	MEDICAL INFORMATICS	0307-7640	1.614
METHOD INFORM MED	METHODS OF INFORMATION IN MEDICINE	0026-1270	0.651
MICROPROC MICROPROG	MICROPROCESSING AND MICROPROGRAMMING	0165-6074	0.667
MICROPROCESS MICROSY	MICROPROCESSORS AND MICROSYSTEMS	0141-9331	0.08
MIND MACH	MINDS AND MACHINES	0924-6495	0.094
MIS QUART	MIS QUARTERLY	0276-7783	1.548
MODEL IDENT CONTROL	MODELING IDENTIFICATION AND CONTROL	0332-7353	0.094
MULTIDIM SYST SIGN P	MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING	0923-6082	0.135
MULTIMED TOOLS APPL	MULTIMEDIA TOOLS AND APPLICATIONS	1380-7501	0.268
MULTIMEDIA SYST	MULTIMEDIA SYSTEMS	0942-4962	0.767
NETWORK-COMP NEURAL	NETWORK-COMPUTATION IN NEURAL SYSTEMS	0954-898X	1.333
NETWORKS	NETWORKS	0028-3045	0.317
NEURAL COMPUT	NEURAL COMPUTATION	0899-7667	2.071
NEURAL COMPUT APPL	NEURAL COMPUTING & APPLICATIONS	0941-0643	0.261
NEURAL NETWORKS	NEURAL NETWORKS	0893-6080	1.017
NEURAL PROCESS LETT	NEURAL PROCESSING LETTERS	1370-4621	0.286
NEUROCOMPUTING	NEUROCOMPUTING	0925-2312	0.453
NEW GENERAT COMPUT	NEW GENERATION COMPUTING	0288-3635	0.188
OBJECT ORIENTED SYST	OBJECT ORIENTED SYSTEMS	0969-9767	0.667
ONLINE CDROM REV	ONLINE & CDROM REVIEW	1353-2642	0.311
OPTIM METHOD SOFTW	OPTIMIZATION METHODS & SOFTWARE	1055-6788	0.16
P ASIS ANNU MEET	PROCEEDINGS OF THE ASIS ANNUAL MEETING	0044-7870	0.014
PARALLEL COMPUT	PARALLEL COMPUTING	0167-8191	0.493
PATTERN RECOGN	PATTERN RECOGNITION	0031-3203	1.118
PATTERN RECOGN LETT	PATTERN RECOGNITION LETTERS	0167-8655	0.344
PERFORM EVALUATION	PERFORMANCE EVALUATION	0166-5316	0.718
PRESENCE-TELEOP VIRT	PRESENCE-TELEOPERATORS AND VIRTUAL ENVIRONMENTS	1054-7460	0.841
PROGRAM COMPUT SOFT+	PROGRAMMING AND COMPUTER SOFTWARE	0361-7688	0
PROGRAM-ELECTRON LIB	PROGRAM-ELECTRONIC LIBRARY AND INFORMATION SYSTEMS	0033-0337	0.438
QUEUEING SYST	QUEUEING SYSTEMS	0257-0130	0.444

RAIRO-INF THEOR APPL	RAIRO-INFORMATIQUE THEORIQUE ET APPLICATIONS-THEORETICAL INFORMATICS AND APPLICATIO	0988-3754	0.17
RANDOM STRUCT ALGOR	RANDOM STRUCTURES & ALGORITHMS	1042-9832	0.464
REAL-TIME IMAGING	REAL-TIME IMAGING	1077-2014	0.452
REAL-TIME SYST	REAL-TIME SYSTEMS	0922-6443	0.578
ROBOT CIM-INT MANUF	ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	0736-5845	0.068
SCI COMPUT PROGRAM	SCIENCE OF COMPUTER PROGRAMMING	0167-6423	0.235
SCIENTOMETRICS	SCIENTOMETRICS	0138-9130	0.71
SHARP TECH J	SHARP TECHNICAL JOURNAL	0285-0362	0.01
SIAM J COMPUT	SIAM JOURNAL ON COMPUTING	0097-5397	0.958
SIMULATION	SIMULATION	0037-5497	0.221
SOC SCI COMPUT REV	SOCIAL SCIENCE COMPUTER REVIEW	0894-4393	0.324
SOFTWARE PRACT EXPER	SOFTWARE-PRACTICE & EXPERIENCE	0038-0644	0.396
SOFTWARE QUAL J	SOFTWARE QUALITY JOURNAL	0963-9314	0.1
SOFTWARE-CONC TOOL	SOFTWARE-CONCEPTS AND TOOLS	0945-8115	0.452
SPEECH COMMUN	SPEECH COMMUNICATION	0167-6393	0.442
STAT COMPUT	STATISTICS AND COMPUTING	0960-3174	0.667
STRUCT OPTIMIZATION	STRUCTURAL OPTIMIZATION	0934-4373	0.031
SUPERCOMPUTER	SUPERCOMPUTER	0168-7875	0.154
T SOC COMPUT SIMUL	TRANSACTIONS OF THE SOCIETY FOR COMPUTER SIMULATION INTERNATIONAL	0740-6797	0.294
THEOR COMPUT SCI	THEORETICAL COMPUTER SCIENCE	0304-3975	0.349
THEOR COMPUT SYST	THEORY OF COMPUTING SYSTEMS	1432-4350	0.125
USER MODEL USER-ADAP	USER MODELING AND USER-ADAPTED INTERACTION	0924-1868	0.571
VISUAL COMPUT	VISUAL COMPUTER	0178-2789	0.382
VLSI DES	VLSI DESIGN	1065-514X	0.038
WIRTSCHAFTSINF	WIRTSCHAFTSINFORMATIK	0937-6429	0.148

Appendix 2 : Journal availability in Selected University Libraries

RANK	TITLES	ISSN NO.	IMPACT FACTOR	HOLDINGS UM	USM	UPM	UTM	UKM
1	J MOL GRAPH MODEL	1093-3263	4.938					1
2	COMPUT APPL BIOSCI	0266-7061	2.898				1	
3	COGNITIVE BRAIN RES	0926-6410	2.755	1		1		
4	J COMPUT AID MOL DES	0920-654X	2.612					
5	J CHEM INF COMP SCI	0095-2338	2.609	1				1
6	J AM MED INFORM ASSN	1067-5027	2.462					
7	IEEE T INFORM THEOR	0018-9448	2.083	1	1	1	1	
8	NEURAL COMPUT	0899-7667	2.071				1	
9	CHEMOMETR INTELL LAB	0169-7439	1.754				1	
10	IEEE PARALL DISTRIB	1063-6552	1.727	1				
11	J ACM	0004-5411	1.703	1	1		1	
12	COMMUN ACM	0001-0782	1.698	1	1	1	1	
13	AI MAG	0738-4602	1.62					
14	MED INFORM	0307-7640	1.614	1				
15	ARTIF INTELL	0004-3702	1.608	1	1		1	1
16	COMPUT CHEM	0097-8485	1.566		1		1	1
17	MIS QUART	0276-7783	1.548	1	1	1	1	
18	INFORM SYST	0306-4379	1.547	1			1	1
19	IEEE T PATTERN ANAL	0162-8828	1.417	1	1	1	1	
20	J COMPUT PHYS	0021-9991	1.377	1			1	1
21	IEEE T IMAGE PROCESS	1057-7149	1.364	1	1	1	1	
22	J AM SOC INFORM SCI	0002-8231	1.35	1	1	1	1	
23	NETWORK-COMP NEURAL	0954-898X	1.333				1	
24	COMPUT PHYS COMMUN	0010-4655	1.302	1	1		1	
25	INT J COMPUT VISION	0920-5691	1.294					
26	IEEE T NEURAL NETWOR	1045-9227	1.28	1	1	1	1	
27	KNOWL ENG REV	0269-8889	1.27		1			
28	IEEE ACM T NETWORK	1063-6692	1.264	1				
29	ANNU REV INFORM SCI	0066-4200	1.25		1	1		1
30	IEEE T FUZZY SYST	1063-6706	1.239	1	1			
31	DATA MIN KNOWL DISC	1384-5810	1.235					
32	J ARTIF INTELL RES	1076-9757	1.191					
33	IEEE NETWORK	0890-8044	1.159	1			1	1
34	IEEE T SOFTWARE ENG	0098-5589	1.153	1	1	1	1	
35	ACM T DATABASE SYST	0362-5915	1.125	1	1			
36	PATTERN RECOGN	0031-3203	1.118		1			
37	BIOL CYBERN	0340-1200	1.089	1				
38	ACM T GRAPHIC	0730-0301	1.069		1			
39	MATH PROGRAM	0025-5610	1.052	1		1	1	1
40	M D COMPUT	0724-6811	1.033					
41	ACM T MATH SOFTWARE	0098-3500	1.032	1	1			
42	NEURAL NETWORKS	0893-6080	1.017		1			
43	ARTIF INTELL MED	0933-3657	1.015					
44	MACH LEARN	0885-6125	1			1		
45	IEEE MICRO	0272-1732	0.992	1	1		1	1
46	INT J MOD PHYS C	0129-1831	0.962	1			1	
47	SIAM J COMPUT	0097-5397	0.958	1	1		1	
48	IEEE T COMPUT	0018-9340	0.958	1	1	1		1

49	IEEE MULTIMEDIA	1070-986X	0.95	1				
50	COMPUT METHOD APPL M	0045-7825	0.933	1		1	1	1
51	ACM T INFORM SYST	1046-8188	0.931					
52	IBM J RES DEV	0018-8646	0.93	1	1		1	
53	IEEE T SYST MAN CY B	1083-4419	0.866			1		
54	MED BIOL ENG COMPUT	0140-0118	0.856	1	1			
55	COMPUT AIDED DESIGN	0010-4485	0.854		1	1		1
56	PRESENCE-TELEOP VIRT	1054-7460	0.841				1	
57	ACM T PROGR LANG SYS	0164-0925	0.839	1	1	1		
58	COMPUT BIOMED RES	0010-4809	0.836					
59	IEEE SOFTWARE	0740-7459	0.82	1	1		1	
60	IEEE EXPERT	0885-9000	0.815	1	1			1
61	J MOL MODEL	0948-5023	0.809				1	
62	MULTIMEDIA SYST	0942-4962	0.767				1	
63	IEEE T PARALL DISTR	1045-9219	0.766	1	1	1	1	
64	HUM-COMPUT INTERACT	0737-0024	0.76					
65	IEEE T VIS COMPUT GR	1077-2626	0.759	1				
66	COMPUT VIS IMAGE UND	1077-3142	0.753				1	
67	IEEE T VLSI SYST	1063-8210	0.733	1	1			
68	INFORM COMPUT	0890-5401	0.731	1				
69	PERFORM EVALUATION	0166-5316	0.718	1	1	1	1	1
70	J SOFTW MAINT-RES PR	1040-550X	0.711		1			
71	SCIENTOMETRICS	0138-9130	0.71	1		1	1	1
72	IBM SYST J	0018-8670	0.71	1	1	1	1	
73	INTERACT COMPUT	0953-5438	0.688					
74	COMPUTER	0018-9162	0.687	1	1		1	
75	INT J HUM-COMPUT ST	1071-5819	0.685	1			1	
76	J LOGIC PROGRAM	0743-1066	0.675	1	1			
77	GRAPH MODEL IM PROC	1077-3169	0.674		1		1	
78	INFORM MANAGE	0378-7206	0.674	1	1	1	1	1
79	FORM METHOD SYST DES	0925-9856	0.667					
80	MICROPROC MICROPROG	0165-6074	0.667	1			1	
81	OBJECT ORIENTED SYST	0969-9767	0.667			1		
82	STAT COMPUT	0960-3174	0.667			1		
83	COMPUT METH PROG BIO	0169-2607	0.664	1	1			
84	INT J SUPERCOMPUT AP	1078-3482	0.659					
85	METHOD INFORM MED	0026-1270	0.651	1				
86	INTERNET RES	1066-2243	0.646			1		
87	J VIS COMMUN IMAGE R	1047-3203	0.635					
88	J INFORM SCI	0165-5515	0.634	1			1	1
89	ARTIF INTELL REV	0269-2821	0.632		1			
90	J ALGORITHM	0196-6774	0.631					
91	BIT	0006-3835	0.623		1	1		
92	EUR J INFORM SYST	0960-085X	0.6	1			1	
93	REAL-TIME SYST	0922-6443	0.578					
94	INT J APPROX REASON	0888-613X	0.578					
95	J COMPUT SYST SCI	0022-0000	0.577		1		1	1
96	J PARALLEL DISTR COM	0743-7315	0.576					
97	USER MODEL USER-ADAP	0924-1868	0.571				1	
98	IEEE T COMPUT AID D	0278-0070	0.571	1	1	1	1	1
99	ENG COMPUT	0177-0667	0.568			1		
100	IEEE CONCURR	1092-3063	0.56					
101	J VISUAL LANG COMPUT	1045-926X	0.545					

102	J MATH IMAGING VIS	0924-9907	0.543					
103	COMPUTING	0010-485X	0.543			1	1	1
104	COMPUT CHEM ENG	0098-1354	0.54	1	1		1	
105	J SYMB COMPUT	0747-7171	0.539	1				
106	AUTON ROBOT	0929-5593	0.533					
107	DISTRIB COMPUT	0178-2770	0.522				1	
108	INT J NUMER METH FL	0271-2091	0.518		1			
109	ALGORITHMICA	0178-4617	0.517				1	
110	IEEE T KNOWL DATA EN	1041-4347	0.513	1		1	1	
111	COMPUT AIDED GEOM D	0167-8396	0.513	1	1			1
112	INT J COOP INF SYST	0218-8430	0.5					
113	COMPUT FLUIDS	0045-7930	0.5				1	1
114	IEEE T SYST MAN CY A	1083-4427	0.494					
115	PARALLEL COMPUT	0167-8191	0.493			1		
116	COMPUT ARTIF INTELL	0232-0274	0.484				1	
117	ACM COMPUT SURV	0360-0300	0.484	1	1	1	1	
118	DISCRETE COMPUT GEOM	0179-5376	0.475				1	
119	MACH VISION APPL	0932-8092	0.471	1	1			
120	ACTA INFORM	0001-5903	0.468		1	1	1	1
121	COMPUT SPEECH LANG	0885-2308	0.467					
122	J VLSI SIGNAL PROC	0922-5773	0.466					
123	RANDOM STRUCT ALGOR	1042-9832	0.464					
124	AI EDAM	0890-0604	0.462					
125	COMPUT MUSIC J	0148-9267	0.455			1	1	
126	NEUROCOMPUTING	0925-2312	0.453					
127	REAL-TIME IMAGING	1077-2014	0.452		1			
128	SOFTWARE-CONC TOOL	0945-8115	0.452				1	
129	ACM T COMPUT SYST	0734-2071	0.444			1		
130	QUEUEING SYST	0257-0130	0.444					
131	J INFORM TECHNOL	0268-3962	0.442			1	1	1
132	SPEECH COMMUN	0167-6393	0.442				1	
133	J SUPERCOMPUT	0920-8542	0.441					
134	AT&T TECH J	8756-2324	0.438	1	1		1	1
135	PROGRAM-ELECTRON LIB	0033-0337	0.438					
136	INT J COMP INTEG M	0951-192X	0.434					
137	IMAGE VISION COMPUT	0262-8856	0.431		1			
138	IEEE COMPUT GRAPH	0272-1716	0.426	1	1		1	1
139	COMPUT BIOL MED	0010-4825	0.422	1		1		
140	COMPUT GRAPH	0097-8493	0.42					
141	IEEE COMPUT SCI ENG	1070-9924	0.414	1				
142	J VISUAL COMP ANIMAT	1049-8907	0.414					
143	COMPUT GEOSCI	0098-3004	0.412	1			1	
144	AI COMMUN	0921-7126	0.406					
145	INT J BIOMED COMPUT	0020-7101	0.403		1			
146	COMPUT EDUC	0360-1315	0.402			1	1	1
147	SOFTWARE PRACT EXPER	0038-0644	0.396	1	1	1	1	
148	ICCA J	0920-234X	0.395					
149	J LOGIC COMPUT	0955-792X	0.394					
150	COMPUT INTELL	0824-7935	0.391					
151	VISUAL COMPUT	0178-2789	0.382				1	
152	CYBERNET SYST	0196-9722	0.378					
153	DISPLAYS	0141-9382	0.375					
154	LIBR SOFTWARE REV	0742-5759	0.375		1		1	

155	INT J MED INFORM	1386-5056	0.375	1				
156	INFORM PROCESS MANAG	0306-4573	0.366	1	1			1
157	INT J INTELL SYST	0884-8173	0.354	1	1	1		
158	COMPUT NETWORKS ISDN	0169-7552	0.352	1	1	1	1	
159	THEOR COMPUT SCI	0304-3975	0.349					1
160	INT J PATTERN RECOGN	0218-0014	0.348		1	1	1	
161	COMPUT ELECTRON AGR	0168-1699	0.347			1		
162	ANALOG INTEGR CIRC S	0925-1030	0.345					
163	PATTERN RECOGN LETT	0167-8655	0.344		1			
164	FUZZY SET SYST	0165-0114	0.331				1	
165	BELL LABS TECH J	1089-7089	0.329	1	1		1	1
166	APPL INTELL	0924-669X	0.326		1		1	
167	SOC SCI COMPUT REV	0894-4393	0.324	1				
168	INT J MICROWAVE MILL	1050-1827	0.321					
169	MATCH-COMMUN MATH CH	0340-6253	0.319					
170	J AUTOM REASONING	0168-7433	0.317					
171	NETWORKS	0028-3045	0.317	1	1			
172	ANN MATH ARTIF INTEL	1012-2443	0.314					
173	COMPUT SYST	0895-6340	0.312					
174	ONLINE CDROM REV	1353-2642	0.311		1			
175	CONCURRENCY-PRACT EX	1040-3108	0.308					
176	MATH SYST THEORY	0025-5661	0.306	1			1	
177	INT J SYST SCI	0020-7721	0.303			1	1	1
178	J HIGH SPEED NETW	0926-6801	0.302				1	
179	J CRYPTOL	0933-2790	0.3				1	
180	COMPUT MATH APPL	0898-1221	0.3	1			1	
181	IEEE DES TEST COMPUT	0740-7475	0.299	1				
182	T SOC COMPUT SIMUL	0740-6797	0.294					
183	INFOR	0315-5986	0.293					
184	MECHATRONICS	0957-4158	0.292					
185	INT J UNCERTAIN FUZZ	0218-4885	0.29					
186	NEURAL PROCESS LETT	1370-4621	0.286				1	
187	ASLIB PROC	0001-253X	0.28	1	1	1		1
188	INTEGRATION	0167-9260	0.277					
189	AI APPLICATIONS	1051-8266	0.275				1	
190	COMPUT LINGUIST	0891-2017	0.273		1			1
191	INT J COMPUT GEOM AP	0218-1959	0.27			1		
192	MULTIMED TOOLS APPL	1380-7501	0.268			1		
193	J COMB OPTIM	1382-6905	0.267					
194	INT J HUM-COMPUT INT	1044-7318	0.267					
195	COMPUT INTEGR MANUF	0951-5240	0.267			1		
196	INT J PARALLEL PROG	0885-7458	0.263	1				1
197	NEURAL COMPUT APPL	0941-0643	0.261					
198	IEEE T RELIAB	0018-9529	0.255	1		1	1	
199	MATH COMPUT MODEL	0895-7177	0.251		1		1	
200	COMPUT OPER RES	0305-0548	0.246		1			
201	ADV ENG SOFTW	0965-9978	0.243				1	
202	COMPUT J	0010-4620	0.242	1	1	1		1
203	ENG APPL ARTIF INTEL	0952-1976	0.239	1	1	1		
204	COMPUT IND	0166-3615	0.239				1	
205	ENVIRON SOFTW	0266-9838	0.235		1			
206	SCI COMPUT PROGRAM	0167-6423	0.235	1			1	
207	DISTRIB PARALLEL DAT	0926-8782	0.231					

208	KYBERNETES	0368-492X	0.231	1		1		
209	DECIS SUPPORT SYST	0167-9236	0.227				1	
210	J INTELL MANUF	0956-5515	0.226					
211	SIMULATION	0037-5497	0.221					1
212	COMPEL	-	0.214				1	
213	INTEGR COMPUT-AID E	1069-2509	0.209					
214	J INTELL FUZZY SYST	1064-1246	0.208				1	
215	IEICE T FUND ELECTR	0916-8508	0.207					
216	ARTIF INTELL ENG	0954-1810	0.2			1	1	
217	J EXP THEOR ARTIF IN	0952-813X	0.2					
218	J NEW MUSIC RES	0929-8215	0.2					
219	J PROGRAM LANG	0963-9306	0.2			1		
220	INFORM PROCESS LETT	0020-0190	0.196			1		1
221	ENG COMPUTATION	0264-4401	0.195		1		1	
222	IEEE COMPUT APPL POW	0895-0156	0.194	1	1		1	
223	NEW GENERAT COMPUT	0288-3635	0.188		1			
224	APPL ALGEBR ENG COMM	0938-1279	0.187				1	
225	J SYST SOFTWARE	0164-1212	0.184	1			1	
226	EXPERT SYST APPL	0957-4174	0.182	1				
227	IEE P-COMPUT DIG T	1350-2387	0.181	1	1		1	1
228	J COMPUT CIVIL ENG	0887-3801	0.181	1	1	1	1	
229	ENVIRON MODELL SOFTW	1364-8152	0.176		1			
230	INT J GEN SYST	0308-1079	0.175				1	
231	INFORM SOFTWARE TECH	0950-5849	0.174	1	1		1	1
232	AUST COMPUT J	0004-8917	0.172					
233	RAIRO-INF THEOR APPL	0988-3754	0.17					
234	BEHAV INFORM TECHNOL	0144-929X	0.169				1	1
235	INFORM SCIENCES	0020-0255	0.169	1				
236	INFORM TECHNOL LIBR	0730-9295	0.167	1	1	1	1	1
237	COMPUT COMMUN	0140-3664	0.167			1	1	
238	COMPUT STRUCT	0045-7949	0.166		1	1	1	
239	OPTIM METHOD SOFTW	1055-6788	0.16	1				
240	COMPUT LANG	0096-0551	0.16				1	1
241	KNOWL-BASED SYST	0950-7051	0.159	1				
242	COMP STAND INTER	0920-5489	0.157				1	
243	INT J EXPERT SYST	0894-9077	0.154			1	1	
244	INT J HIGH SPEED COM	0129-0533	0.154				1	
245	SUPERCOMPUTER	0168-7875	0.154					
246	MAPLETECH	1061-5733	0.149	1				
247	COMPUT HUMANITIES	0010-4817	0.148	1	1		1	
248	WIRTSCHAFTSINF	0937-6429	0.148					
249	ACM SIGPLAN NOTICES	0362-1340	0.145		1			
250	J NETW COMPUT APPL	1084-8045	0.137				1	
251	MULTIDIM SYST SIGN P	0923-6082	0.135					
252	COMPUT GEOTECH	0266-352X	0.134					
253	INFORM SYST MANAGE	1058-0530	0.134				1	
254	APPL ARTIF INTELL	0883-9514	0.133					
255	COMPUT SECUR	0167-4048	0.128	1				
256	DATA BASE ADV INF SY	0095-0033	0.128					
257	BYTE	0360-5280	0.126	1	1	1	1	1
258	THEOR COMPUT SYST	1432-4350	0.125	1			1	
259	MATH COMPUT SIMULAT	0378-4754	0.116	1			1	
260	J OBJECT-ORIENT PROG	0896-8438	0.115					

261	COMPUT GRAPH FORUM	0167-7055	0.112					
262	COMPUT IND ENG	0360-8352	0.105				1	
263	J CIRCUIT SYST COMP	0218-1266	0.105			1		
264	J INTELL ROBOT SYST	0921-0296	0.104			1		
265	SOFTWARE QUAL J	0963-9314	0.1			1		
266	DR DOBBS J	1044-789X	0.097				1	
267	INT J SOFTW ENG KNOW	0218-1940	0.096		1	1		
268	MIND MACH	0924-6495	0.094		1			
269	MODEL IDENT CONTROL	0332-7353	0.094				1	
270	COMPUT SYST SCI ENG	0267-6192	0.091					
271	COMPUT ELECTR ENG	0045-7906	0.085				1	
272	KYBERNETIKA	0023-5954	0.08					
273	MICROPROCESS MICROSY	0141-9331	0.08		1	1	1	1
274	DATAMATION	0011-6963	0.079	1	1	1	1	1
275	IND MANAGE DATA SYST	0263-5577	0.078	1	1		1	1
276	BIOTECHNOL SOFTW I J	1088-4270	0.071					
277	J STRATEGIC INF SYST	0963-8687	0.069		1			1
278	ROBOT CIM-INT MANUF	0736-5845	0.068	1	1		1	
279	J COMPUT INFORM SYST	0887-4417	0.05					
280	DATA KNOWL ENG	0169-023X	0.048	1	1			
281	EXPERT SYST	0266-4720	0.039					
282	VLSI DES	1065-514X	0.038					1
283	HEWLETT-PACKARD J	0018-1153	0.038		1		1	
284	COMPUT GRAPH WORLD	0271-4159	0.036			1	1	
285	STRUCT OPTIMIZATION	0934-4373	0.031					
286	J SYST ARCHITECT	1383-7621	0.029	1				
287	INT J MICROGR OPT T	0958-9961	0.026					
288	CAN J ELECT COMPUT E	0840-8688	0.023					
289	COMPUT DES	0010-4566	0.022		1	1	1	
290	FUTURE GENER COMP SY	0167-739X	0.019	1		1		
291	IEICE T INF SYST	0916-8532	0.016					
292	INT J COMPUT APPL T	0952-8091	0.015					
293	P ASIS ANNU MEET	0044-7870	0.014					
294	SHARP TECH J	0285-0362	0.01					
295	CYBERN SYST ANAL+	1060-0396	0.005					
296	COMPUT COMPLEX	1016-3328	0				1	
297	ENG INTELL SYST ELEC	0969-1170	0					
298	J COMPUT SYS SC INT+	1064-2307	0					1
299	PROGRAM COMPUT SOFT+	0361-7688	0				1	
300	BIOINFORMATICS	1367-4803	-					
301	INT J HIGH PERFORM C	1094-3420	-					
TOTAL				103	94	70	121	50
%				34.2%	31.2%	23.3%	40.2%	16.6%

Appendix 3 : JCR Title Listings by Subject and Prices

(1) Artificial Intelligences

RANK	TITLES	ISSN NO.	IMPACT FACTOR	1999 PRICE (USD) INSTITUTION	2000 PRICE (USD) INSITUTION	PRICE (USD) DIFFERENCES
1	COGNITIVE BRAIN RES	0926-6410	2.755	NA	646.00	-
2	NEURAL COMPUT	0899-7667	2.071	270.00	478.00	208.00
3	CHEMOMETR INTELL LAB	0169-7439	1.754	1,609.00	1,725.00	116.00
4	AI MAG	0738-4602	1.62	50.00	68.00	18.00
5	ARTIF INTELL	0004-3702	1.608	2,134.00	1,895.00	-239.00
7	IEEE T PATTERN ANAL	0162-8828	1.417	625.00	870.00	245.00
8	NETWORK-COMP NEURAL	0954-898X	1.333	283.00	459.00	176.00
9	INT J COMPUT VISION	0920-5691	1.294	1,065.00	1,195.00	130.00
9	IEEE T NEURAL NETWOR	1045-9227	1.28	425.00	550.00	125.00
10	KNOWL ENG REV	0269-8889	1.27	194.00	206.00	12.00
11	IEEE T FUZZY SYST	1063-6706	1.239	250.00	350.00	100.00
12	DATA MIN KNOWL DISC	1384-5810	1.235	354.00	381.00	27.00
13	J ARTIF INTELL RES	1076-9757	1.191	75.00	75.00	0.00
14	PATTERN RECOGN	0031-3203	1.118	1,608.00	1,935.00	327.00
15	NEURAL NETWORKS	0893-6080	1.017	915.00	1,132.00	217.00
16	ARTIF INTELL MED	0933-3657	1.015	468.00	535.00	67.00
17	MACH LEARN	0885-6125	1	854.00	959.00	105.00
18	IEEE T SYST MAN CY B	1083-4419	0.866	225.00	250.00	25.00
19	IEEE EXPERT	0885-9000	0.815	NA	480.00	-
20	ARTIF INTELL REV	0269-2821	0.632	323.00	364.00	41.00
21	INT J APPROX REASON	0888-613X	0.578	598.00	745.00	147.00
22	J MATH IMAGING VIS	0924-9907	0.543	457.00	514.00	57.00
23	AUTON ROBOT	0929-5593	0.533	321.00	493.00	172.00
24	IEEE T KNOWL DATA EN	1041-4347	0.513	480.00	660.00	180.00
25	COMPUT ARTIF INTELL	0232-0274	0.484	NA	276.00	-
26	MACH VISION APPL	0932-8092	0.471	241.11	276.85	35.74
27	COMPUT SPEECH LANG	0885-2308	0.467	268.50	275.76	7.26
28	AI EDAM	0890-0604	0.462	249.00	299.00	50.00
29	NEUROCOMPUTING	0925-2312	0.453	1,152.00	1,494.00	342.00
30	REAL-TIME IMAGING	1077-2014	0.452	200.00	287.40	87.40
31	IMAGE VISION COMPUT	0262-8856	0.431	948.00	985.00	37.00
32	AI COMMUN	0921-7126	0.406	194.00	222.00	28.00
33	COMPUT INTELL	0824-7935	0.391	304.50	413.00	108.50
34	INT J INTELL SYST	0884-8173	0.354	1,350.00	1,771.00	421.00
35	INT J PATTERN RECOGN	0218-0014	0.348	490.00	490.00	0.00
36	PATTERN RECOGN LETT	0167-8655	0.344	1,231.00	1,385.00	154.00
37	APPL INTELL	0924-669X	0.326	421.00	471.00	50.00
38	J AUTOM REASONING	0168-7433	0.317	447.00	552.00	105.00
39	ANN MATH ARTIF INTEL	1012-2443	0.314	585.80	661.54	75.74
40	MECHATRONICS	0957-4158	0.292	743.00	854.00	111.00
41	INT J UNCERTAIN FUZZ	0218-4885	0.29	180.00	180.00	0.00
42	NEURAL PROCESS LETT	1370-4621	0.286	280.00	424.00	144.00
43	AI APPLICATIONS	1051-8266	0.275	NA	960.00	-
44	NEURAL COMPUT APPL	0941-0643	0.261	NA	232.00	-
45	ENG APPL ARTIF INTEL	0952-1976	0.239	757.00	872.00	115.00
46	DECIS SUPPORT SYST	0167-9236	0.227	836.00	670.00	-166.00
47	J INTELL MANUF	0956-5515	0.226	605.00	662.00	57.00

48	INTEGR COMPUT-AID E	1069-2509	0.209	NA	100.00	-
49	J INTELL FUZZY SYST	1064-1246	0.208	384.00	764.00	380.00
50	ARTIF INTELL ENG	0954-1810	0.2	506.00	733.00	227.00
51	J EXP THEOR ARTIF IN	0952-813X	0.2	360.00	441.00	81.00
52	EXPERT SYST APPL	0957-4174	0.182	1,414.00	1,592.00	178.00
53	KNOWL-BASED SYST	0950-7051	0.159	641.00	730.00	89.00
54	INT J EXPERT SYST	0894-9077	0.154	285.00	378.00	93.00
55	APPL ARTIF INTELL	0883-9514	0.133	490.00	720.00	230.00
56	J INTELL ROBOT SYST	0921-0296	0.104	739.50	850.00	110.50
57	INT J SOFTW ENG KNOW	0218-1940	0.096	251.00	251.00	0.00
58	MIND MACH	0924-6495	0.094	333.50	379.00	45.50
59	DATA KNOWL ENG	0169-023X	0.048	1,064.00	1,154.00	90.00
60	EXPERT SYST	0266-4720	0.039	230.77	283.01	52.24
61	ENG INTELL SYST ELEC	0969-1170	0	188.68	203.20	14.52
62	J COMPUT SYS SC INT+	1064-2307	0	1,725.00	2,113.00	388.00

(2) Cybernetics

RANK	TITLE	ISSN NO.	IMPACT FACTOR	1999 PRICE (USD) INSTITUTION	2000 PRICE (USD) INSTITUTION	PRICE (USD) DIFFERENCES
1	BIOL CYBER	0340-1200	1.089	1572.04	1921.3	349.26
2	IEEE T SYS	1083-4419	0.866	225.00	250	25
3	PRESENCE-	1054-7460	0.841	232.00	381	149
4	HUM-COMP	0737-0024	0.76	260.00	350	90
5	INT J HUM-C	1071-5819	0.685	1122	1343	221
6	USER MOD	0924-1868	0.571	267.00	309	42
7	IEEE T SYS	1083-4427	0.494	225	250	25
8	MACH VISIO	0932-8092	0.471	241.11	276.85	35.74
9	CYBERNET	0196-9722	0.378	1038	1075	37
10	INT J HUM-C	1044-7318	0.267	155	240	85
11	KYBERNET	0368-492X	0.231	5150.94	5368.65	217.71
12	BEHAV INF	0144-929X	0.169	375	540	165
13	MODEL IDE	0332-7353	0.094	60	NA	-
14	KYBERNETI	0023-5954	0.08	98.61	98.61	0
15	CYBERN SY	1060-0396	0.005	1455	2055	600
16	J COMPUT	1064-2307	0	NA	2113	-

(3) Hardware and Architecture

RANK	TITLES	ISSN NO.	IMPACT FACTOR	1999 PRICE (USD) INSTITUTION	2000 PRICE (USD) INSTITUTION	PRICE (USD) DIFFERENCES
1	J ACM	0004-5411	1.703	100.00	200.00	100.00
2	COMMUN ACM	0001-0782	1.698	114.00	114.00	0.00
3	IEEE T NEURAL NETWOR	1045-9227	1.28	425.00	550.00	125.00
4	IEEE ACM T NETWORK	1063-6692	1.264	280.00	320.00	40.00
5	IEEE NETWORK	0890-8044	1.159	130.00	185.00	55.00
6	IEEE MICRO	0272-1732	0.992	270.00	480.00	210.00
7	IEEE T COMPUT	0018-9340	0.958	685.00	935.00	250.00
8	IBM J RES DEV	0018-8646	0.93	NA	205.00	-
9	IEEE T VLSI SYST	1063-8210	0.733	290.00	450.00	160.00
10	PERFORM EVALUATION	0166-5316	0.718	1,153.00	1,225.00	72.00
11	COMPUTER	0018-9162	0.687	455.00	785.00	330.00
12	MICROPROC MICROPROG	0165-6074	0.667	767.00	997.00	230.00
13	OBJECT ORIENTED SYST	0969-9767	0.667	225.00	225.00	0.00
14	INT J SUPERCOMPUT AP	1078-3482	0.659	222.00	379.00	157.00
15	J COMPUT SYST SCI	0022-0000	0.577	896.00	1,254.00	358.00
16	IEEE T COMPUT AID D	0278-0070	0.571	480.00	525.00	45.00
17	J SUPERCOMPUT	0920-8542	0.441	349.00	729.00	380.00
18	AT&T TECH J	8756-2324	0.438	84.00	84.00	0.00
19	DISPLAYS	0141-9382	0.375	384.00	490.00	106.00
20	ANALOG INTEGR CIRC S	0925-1030	0.345	693.00	943.00	250.00
21	NETWORKS	0028-3045	0.317	1,035.00	1,238.00	203.00
22	J HIGH SPEED NETW	0926-6801	0.302	264.00	297.00	33.00
23	IEEE DES TEST COMPUT	0740-7475	0.299	230.00	415.00	185.00
24	INTEGRATION	0167-9260	0.277	514.00	585.00	71.00
25	IEEE T RELIAB	0018-9529	0.255	200.00	225.00	25.00
26	COMPUT J	0010-4620	0.242	620.00	655.00	35.00
27	IEICE T FUND ELECTR	0916-8508	0.207	170.00	195.00	25.00
28	NEW GENERAT COMPUT	0288-3635	0.188	247.31	267.60	20.29
29	IEE P-COMPUT DIG T	1350-2387	0.181	NA	822.00	-
30	AUST COMPUT J	0004-8917	0.172	33.68	33.68	0.00
31	COMPUT COMMUN	0140-3664	0.167	1,136.00	1,181.00	45.00
32	COMP STAND INTER	0920-5489	0.157	620.00	589.00	-31.00
33	SUPERCOMPUTER	0168-7875	0.154	310.00	310.00	0.00
34	J NETW COMPUT APPL	1084-8045	0.137	328.00	435.41	107.41
35	BYTE	0360-5280	0.126	29.95	FREE	-
36	J CIRCUIT SYST COMP	0218-1266	0.105	290.00	290.00	0.00
37	COMPUT SYST SCI ENG	0267-6192	0.091	288.82	333.82	45.00
38	COMPUT ELECTR ENG	0045-7906	0.085	971.00	1,073.00	102.00
39	MICROPROCESS MICROS	0141-9331	0.08	507.00	526.00	19.00
40	DATAMATION	0011-6963	0.079	75.00	75.00	0.00
41	HEWLETT-PACKARD J	0018-1153	0.038	FREE	CEASED	-
42	VLSI DES	1065-514X	0.038	118.00	118.00	0.00
43	J SYST ARCHITECT	1383-7621	0.029	767.00	997.00	230.00
44	CAN J ELECT COMPUT E	0840-8688	0.023	90.00	90.00	0.00
45	COMPUT DES	0010-4566	0.022	195.00	216.00	21.00
46	SHARP TECH J	0285-0362	0.01	NA	NA	-
47	INT J HIGH PERFORM C	1094-3420		NA	379.00	-

(4) Interdisciplinary Applications

RANK	TITLES	ISSN NO.	IMPACT FACTOR	1999 PRICE (USD) INSTITUTION	2000 PRICE (USD) INSTITUTION	PRICE (USD) DIFFERENCES
1	J MOL GRAPH MODEL	1093-3263	4.938	602	810	208
2	COMPUT APPL BIOSCI	0266-7061	2.898	495	630	135
3	J COMPUT AID MOL DES	0920-654X	2.612	1333	1333	0
4	J CHEM INF COMP SCI	0095-2338	2.609	298	444	146
5	J AM MED INFORM ASSN	1067-5027	2.462	NA	225	-
6	MED INFORM	0307-7640	1.614	387	589	202
7	COMPUT CHEM	0097-8485	1.566	1064	1189	125
8	J COMPUT PHYS	0021-9991	1.377	2268	3674	1406
9	COMPUT PHYS COMMUN	0010-4655	1.302	4004	4269	265
10	M D COMPUT	0724-6811	1.033	141	148	7
11	INT J MOD PHYS C	0129-1831	0.962	481	481	0
12	COMPUT METHOD APPL M	0045-7825	0.933	5334	5964	630
13	MED BIOL ENG COMPUT	0140-0118	0.856	330	396	66
14	COMPUT BIOMED RES	0010-4809	0.836	NA	454	-
15	J MOL MODEL	0948-5023	0.809	170.83	323.15	152.32
16	SCIENTOMETRICS	0138-9130	0.71	1086	1157	71
17	INTERACT COMPUT	0953-5438	0.688	390	598	208
18	COMPUT METH PROG BIO	0169-2607	0.664	1047	1138	91
19	INT J SUPERCOMPUT AP	1078-3482	0.659	222	379	157
20	METHOD INFORM MED	0026-1270	0.651	323	316	-7
21	IEEE T COMPUT AID D	0278-0070	0.571	480	525	45
22	ENG COMPUT	0177-0667	0.568	238.03	284.5	46.47
23	COMPUT CHEM ENG	0098-1354	0.54	1670	1913	243
24	INT J NUMER METH FL	0271-2091	0.518	2065	2695	630
25	COMPUT FLUIDS	0045-7930	0.5	1526	1737	211
26	AI EDAM	0890-0604	0.462	249	299	50
27	COMPUT MUSIC J	0148-9267	0.455	138	176	38
28	QUEUEING SYST	0257-0130	0.444	728	758	30
29	SPEECH COMMUN	0167-6393	0.442	784	815	31
30	INT J COMP INTEG M	0951-192X	0.434	451	729	278
31	COMPUT BIOL MED	0010-4825	0.422	946	1081	135
32	J VISUAL COMP ANIMAT	1049-8907	0.414	595	760	165
33	COMPUT GEOSCI	0098-3004	0.412	1526	1563	37
34	INT J BIOMED COMPUT	0020-7101	0.403	1186	1311	125
35	COMPUT EDUC	0360-1315	0.402	945	1078	133
36	COMPUT ELECTRON AGR	0168-1699	0.347	759	960	201
37	SOC SCI COMPUT REV	0894-4393	0.324	160	274	114
38	INT J MICROWAVE MILL	1050-1827	0.321	665	871	206
39	MATCH-COMMUN MATH CH	0340-6253	0.319	83	88	5
40	COMPUT MATH APPL	0898-1221	0.3	2620	3010	390
41	T SOC COMPUT SIMUL	0740-6797	0.294	145	165	20
42	COMPUT LINGUIST	0891-2017	0.273	118	146	28
43	COMPUT INTEGR MANUF	0951-5240	0.267	481	843	362
44	J COMB OPTIM	1382-6905	0.267	236	279	43
45	MATH COMPUT MODEL	0895-7177	0.251	2029	2349	320
46	COMPUT OPER RES	0305-0548	0.246	1387	1768	381
47	ADV ENG SOFTW	0965-9978	0.243	1143	1520	377
48	COMPUT IND	0166-3615	0.239	740	813	73
49	SIMULATION	0037-5497	0.221	149	185	36

50	COMPEL		0.214	970.97	1014.51	43.54
51	INTEGR COMPUT-AID E	1069-2509	0.209	NA	100	-
52	J NEW MUSIC RES	0929-8215	0.2	NA	384	-
53	ENG COMPUTATION	0264-4401	0.195	2175.61	2088.53	-87.08
54	IEEE COMPUT APPL POW	0895-0156	0.194		155	155
55	APPL ALGEBR ENG COMM	0938-1279	0.187	247.87	300	52.13
56	J COMPUT CIVIL ENG	0887-3801	0.181		205	205
57	ENVIRON MODELL SOFTW	1364-8152	0.176	555	653	98
58	COMPUT STRUCT	0045-7949	0.166	3754	4416	662
59	COMPUT HUMANITIES	0010-4817	0.148	310.5	317	6.5
60	J NETW COMPUT APPL	1084-8045	0.137	328	435.41	107.41
61	COMPUT GEOTECH	0266-352X	0.134	873	1006	133
62	MATH COMPUT SIMULAT	0378-4754	0.116	1382	2418	1036
63	COMPUT IND ENG	0360-8352	0.105	1742	1980	238
64	COMPUT ELECTR ENG	0045-7906	0.085	971	1073	102
65	IND MANAGE DATA SYST	0263-5577	0.078	5630	5224	-406
66	BIOTECHNOL SOFTW I J	1088-4270	0.071	194	293	99
67	ROBOT CIM-INT MANUF	0736-5845	0.068	731	843	112
68	STRUCT OPTIMIZATION	0934-4373	0.031	559.4	730.55	171.15
69	INT J COMPUT APPL T	0952-8091	0.015	290	360	70
70	BIOINFORMATICS	1367-4803		495	630	135
71	INT J HIGH PERFORM C	1094-3420		NA	379	-

(5) Information Systems

ANK	TITLES	ISSN NO.	IMPACT FACTOR	1999 PRICE (USD) INSTITUTION	2000 PRICE (USD) INSTITUTION	PRICE (USD) DIFFERENCES
1	J CHEM INF COMP SCI	0095-2338	2.609	298.00	444.00	146.00
2	J AM MED INFORM ASSN	1067-5027	2.462	185.00	225.00	40.00
3	IEEE T INFORM THEOR	0018-9448	2.083	445.00	470.00	25.00
4	J ACM	0004-5411	1.703	100.00	200.00	100.00
5	MED INFORM	0307-7640	1.614	387.00	589.00	202.00
6	MIS QUART	0276-7783	1.548	80.00	90.00	10.00
7	INFORM SYST	0306-4379	1.547	1,039.00	1,194.00	155.00
8	J AM SOC INFORM SCI	0002-8231	1.35	1,244.00	1,518.00	274.00
9	IEEE ACM T NETWORK	1063-6692	1.264	280.00	320.00	40.00
10	ANNU REV INFORM SCI	0066-4200	1.25	99.95	99.95	0.00
11	DATA MIN KNOWL DISC	1384-5810	1.235	354.00	381.00	27.00
12	IEEE NETWORK	0890-8044	1.159	130.00	185.00	55.00
13	ACM T DATABASE SYST	0362-5915	1.125	109.00	149.00	40.00
14	IEEE MULTIMEDIA	1070-986X	0.95	210.00	415.00	205.00
15	ACM T INFORM SYST	1046-8188	0.931	110.00	150.00	40.00
16	MULTIMEDIA SYST	0942-4962	0.767	241.11	323.15	82.04
17	INFORM COMPUT	0890-5401	0.731	1,300.00	1,847.00	547.00
18	IBM SYST J	0018-8670	0.71	55.00	90.00	35.00
19	INFORM MANAGE	0378-7206	0.674	713.00	382.00	-331.00
20	INTERNET RES	1066-2243	0.646	320.72	869.38	548.66
21	J VIS COMMUN IMAGE R	1047-3203	0.635	269.00	381.00	112.00
22	J INFORM SCI	0165-5515	0.634	215.00	233.00	18.00
23	EUR J INFORM SYST	0960-085X	0.6	250.00	190.00	-60.00
24	IEEE T KNOWL DATA EN	1041-4347	0.513	480.00	660.00	180.00
25	INT J COOP INF SYST	0218-8430	0.5	360.00	-	-
26	ACTA INFORM	0001-5903	0.468	706.30	772.22	65.92
27	J VLSI SIGNAL PROC	0922-5773	0.466	715.50	800.00	84.50
28	J INFORM TECHNOL	0268-3962	0.442	-	496.00	-
29	PROGRAM-ELECTRON LIB	0033-0337	0.438	-	214.00	-
30	INT J MED INFORM	1386-5056	0.375	-	1,311.00	-
31	LIBR SOFTWARE REV	0742-5759	0.375	170.00	252.00	82.00
32	INFORM PROCESS MANAG	0306-4573	0.366	811.00	919.00	108.00
33	COMPUT NETWORKS ISDN	0169-7552	0.352	1,249.00	1,328.00	79.00
34	BELL LABS TECH J	1089-7089	0.329	84.00	84.00	0.00
35	ONLINE CDROM REV	1353-2642	0.311	-	148.00	-
36	J HIGH SPEED NETW	0926-6801	0.302	264.00	297.00	33.00
37	INFOR	0315-5986	0.293	80.00	80.00	0.00
38	ASLIB PROC	0001-253X	0.28	-	252.00	-
39	MULTIMED TOOLS APPL	1380-7501	0.268	503.00	750.00	247.00
40	COMPUT J	0010-4620	0.242	620.00	655.00	35.00
41	DISTRIB PARALLEL DAT	0926-8782	0.231	305.50	343.00	37.50
42	DECIS SUPPORT SYST	0167-9236	0.227	-	670.00	-
43	IEICE T FUND ELECTR	0916-8508	0.207	170.00	195.00	25.00
44	INFORM PROCESS LETT	0020-0190	0.196	1,230.00	1,340.00	110.00
45	INFORM SOFTWARE TECH	0950-5849	0.174	655.00	681.00	26.00
46	RAIRO-INF THEOR APPL	0988-3754	0.17	258.55	276.81	18.26
47	INFORM SCIENCES	0020-0255	0.169	4,242.00	2,733.00	-1,509.00
48	COMPUT COMMUN	0140-3664	0.167	1,136.00	1,181.00	45.00
49	INFORM TECHNOL LIBR	0730-9295	0.167	50.00	60.00	10.00

50	WIRTSCHAFTSINF	0937-6429	0.148	169.44	192.60	23.16
51	INFORM SYST MANAGE	1058-0530	0.134	228.45	195.00	-33.45
52	COMPUT SECUR	0167-4048	0.128	525.00	592.00	67.00
53	DATA BASE ADV INF SY	0095-0033	0.128	25.00	25.00	0.00
54	J STRATEGIC INF SYST	0963-8687	0.069	301.00	322.00	21.00
55	J COMPUT INFORM SYST	0887-4417	0.05	75.00	125.00	50.00
56	DATA KNOWL ENG	0169-023X	0.048	1,064.00	1,154.00	90.00
57	INT J MICROGR OPT T	0958-9961	0.026	303.00	411.00	108.00
58	IEICE T INF SYST	0916-8532	0.016	170.00	195.00	25.00
59	P ASIS ANNU MEET	0044-7870		PRICE VARIES		-

(6) Software, Graphics, Programming

RANK	TITLES	ISSN NO.	IMPACT FACTOR	1999 PRICE (USD) INSTITUTION	2000 PRICE (USD) INSTITUTION	PRICE (USD) DIFFERENCES
1	J ACM	0004-5411	1.703	100	200	100
2	COMMUN ACM	0001-0782	1.698	114	114	0
3	IEEE T IMAGE PROCESS	1057-7149	1.364	475	650	175
4	IEEE T SOFTWARE ENG	0098-5589	1.153	615	860	245
5	ACM T DATABASE SYST	0362-5915	1.125	109	149	40
6	ACM T GRAPHIC	0730-0301	1.069	110	110	0
7	MATH PROGRAM	0025-5610	1.052	403.24	415.3	12.06
8	ACM T MATH SOFTWARE	0098-3500	1.032	109	124	15
9	IEEE MICRO	0272-1732	0.992	270	480	210
10	COMPUT AIDED DESIGN	0010-4485	0.854	1072	1208	136
11	PRESENCE-TELEOP VIRT	1054-7460	0.841	232	381	149
12	ACM T PROGR LANG SYS	0164-0925	0.839	105	105	0
13	IEEE SOFTWARE	0740-7459	0.82	305	520	215
14	IEEE T VIS COMPUT GR	1077-2626	0.759	325	460	135
15	COMPUT VIS IMAGE UND	1077-3142	0.753	525	940	415
16	J SOFTW MAINT-RES PR	1040-550X	0.711	885	1145	260
17	IBM SYST J	0018-8670	0.71	55	90	35
18	COMPUTER	0018-9162	0.687	455	785	330
19	GRAPH MODEL IM PROC	1077-3169	0.674	383	524	141
20	OBJECT ORIENTED SYST	0969-9767	0.667	225	225	0
21	J VIS COMMUN IMAGE R	1047-3203	0.635	269	381	112
22	BIT	0006-3835	0.623	180	255	75
23	J VISUAL LANG COMPUT	1045-926X	0.545	246.73	304.8	58.07
24	J MATH IMAGING VIS	0924-9907	0.543	457	514	57
25	ALGORITHMICA	0178-4617	0.517	368	398	30
26	COMPUT AIDED GEOM D	0167-8396	0.513	509	541	32
27	RANDOM STRUCT ALGOR	1042-9832	0.464	673	798	125
28	REAL-TIME IMAGING	1077-2014	0.452	200	287.4	87.4
29	SOFTWARE-CONC TOOL	0945-8115	0.452	145	161.11	16.11
30	IMAGE VISION COMPUT	0262-8856	0.431	948	985	37
31	IEEE COMPUT GRAPH	0272-1716	0.426	290	510	220
32	COMPUT GRAPH	0097-8493	0.42	1179	1353	174
33	J VISUAL COMP ANIMAT	1049-8907	0.414	595	760	165
34	SOFTWARE PRACT EXPER	0038-0644	0.396	1545	1970	425
35	ICCA J	0920-234X	0.395	144	144	0
36	VISUAL COMPUT	0178-2789	0.382	536.11	554.6	18.49
37	LIBR SOFTWARE REV	0742-5759	0.375	170	252	82
38	CONCURRENCY-PRACT EX	1040-3108	0.308	1295	1820	525
39	T SOC COMPUT SIMUL	0740-6797	0.294	145	165	20
40	MULTIMED TOOLS APPL	1380-7501	0.268	503	750	247
41	IEEE T RELIAB	0018-9529	0.255	200	225	25
42	MATH COMPUT MODEL	0895-7177	0.251	2029	2349	320
43	ADV ENG SOFTW	0965-9978	0.243	1143	1520	377
44	COMPUT J	0010-4620	0.242	620	655	35
45	ENVIRON SOFTW	0266-9838	0.235	555	653	98
46	SCI COMPUT PROGRAM	0167-6423	0.235	834	867	33
47	SIMULATION	0037-5497	0.221	149	185	36
48	J PROGRAM LANG	0963-9306	0.2	225	225	0
49	J SYST SOFTWARE	0164-1212	0.184	948	1254	306

50	ENVIRON MODELL SOFTW	1364-8152	0.176	555	653	98
51	INFORM SOFTWARE TECH	0950-5849	0.174	655	681	26
52	COMPUT COMMUN	0140-3664	0.167	1136	1181	45
53	COMPUT LANG	0096-0551	0.16	677	778	101
54	OPTIM METHOD SOFTW	1055-6788	0.16	NA	2623	-
55	COMP STAND INTER	0920-5489	0.157	620	589	-31
56	MAPLETECH	1061-5733	0.149	NA	ceased	-
57	ACM SIGPLAN NOTICES	0362-1340	0.145	684	684	0
58	J NETW COMPUT APPL	1084-8045	0.137	328.5	435.41	106.91
59	BYTE	0360-5280	0.126	NA	FREE	-
60	MATH COMPUT SIMULAT	0378-4754	0.116	1382	1437	55
61	J OBJECT-ORIENT PROG	0896-8438	0.115	199	104	-95
62	COMPUT GRAPH FORUM	0167-7055	0.112	NA	500.73	-
63	SOFTWARE QUAL J	0963-9314	0.1	436	359	-77
64	DR DOBBS J	1044-789X	0.097	34.95	70	35.05
65	INT J SOFTW ENG KNOW	0218-1940	0.096	251	251	0
66	DATAMATION	0011-6963	0.079	NA	ceased	-
67	COMPUT GRAPH WORLD	0271-4159	0.036	NA	115	-
68	PROGRAM COMPUT SOFT+	0361-7688	0	1632	1175	-457

(7) Theory and Methods

ANK	TITLES	ISSN NO.	IMPACT FACTOR	1999 PRICE (USD) INSTITUTION	2000 PRICE (USD) INSTITUTION	PRICE (USD) DIFFERENCES
1	IEEE PARALL DISTRIB	1063-6552	1.727	NA	NA	-
2	J ACM	0004-5411	1.703	100.00	200.00	100.00
3	COMMUN ACM	0001-0782	1.698	114.00	114.00	0.00
4	IEEE T IMAGE PROCESS	1057-7149	1.364	475.00	650.00	175.00
5	IEEE T NEURAL NETWOR	1045-9227	1.28	425.00	550.00	125.00
6	SIAM J COMPUT	0097-5397	0.958	348.00	448.00	100.00
7	IEEE MULTIMEDIA	1070-986X	0.95	210.00	415.00	205.00
8	MULTIMEDIA SYST	0942-4962	0.767	241.11	323.15	82.04
9	IEEE T PARALL DISTR	1045-9219	0.766	625.00	750.00	125.00
10	HUM-COMPUT INTERACT	0737-0024	0.76	260.00	320.00	60.00
11	PERFORM EVALUATION	0166-5316	0.718	1,153.00	1,225.00	72.00
12	IBM SYST J	0018-8670	0.71	55.00	90.00	35.00
13	J LOGIC PROGRAM	0743-1066	0.675	936.00	1,047.00	111.00
14	FORM METHOD SYST DES	0925-9856	0.667	467.00	524.00	57.00
15	OBJECT ORIENTED SYST	0969-9767	0.667	225.00	225.00	0.00
16	STAT COMPUT	0960-3174	0.667	555.00	493.00	-62.00
17	COMPUT METH PROG BIO	0169-2607	0.664	1,047.00	1,138.00	91.00
18	J ALGORITHM	0196-6774	0.631	415.00	616.00	201.00
19	REAL-TIME SYST	0922-6443	0.578	488.00	550.00	62.00
20	J COMPUT SYST SCI	0022-0000	0.577	896.00	1,254.00	358.00
21	J PARALLEL DISTR COM	0743-7315	0.576	669.00	787.00	118.00
22	IEEE CONCURR	1092-3063	0.56	NA	415.00	-
23	COMPUTING	0010-485X	0.543	540.74	622.22	81.48
24	J SYMB COMPUT	0747-7171	0.539	587.80	711.17	123.37
25	DISTRIB COMPUT	0178-2770	0.522	157.70	184.26	26.56
26	IEEE T SYST MAN CY A	1083-4427	0.494	225.00	250.00	25.00
27	PARALLEL COMPUT	0167-8191	0.493	1,284.00	1,366.00	82.00
28	ACM COMPUT SURV	0360-0300	0.484	100.00	100.00	0.00
29	DISCRETE COMPUT GEOM	0179-5376	0.475	374.00	419.00	45.00
30	REAL-TIME IMAGING	1077-2014	0.452	200.00	287.40	87.40
31	SOFTWARE-CONC TOOL	0945-8115	0.452	145.00	161.11	16.11
32	ACM T COMPUT SYST	0734-2071	0.444	110.00	150.00	40.00
33	J SUPERCOMPUT	0920-8542	0.441	349.00	729.00	380.00
34	IMAGE VISION COMPUT	0262-8856	0.431	948.00	985.00	37.00
35	IEEE COMPUT SCI ENG	1070-9924	0.414	350.00	395.00	45.00
36	INT J BIOMED COMPUT	0020-7101	0.403	1,186.00	1,311.00	125.00
37	J LOGIC COMPUT	0955-792X	0.394	380.00	470.00	90.00
38	THEOR COMPUT SCI	0304-3975	0.349	4,059.00	4,317.00	258.00
39	FUZZY SET SYST	0165-0114	0.331	2,359.00	2,987.00	628.00
40	COMPUT SYST	0895-6340	0.312	75.00	ceased	-
41	MATH SYST THEORY	0025-5661	0.306	301.00	339.00	38.00
42	INT J SYST SCI	0020-7721	0.303	1,545.00	2,085.00	540.00
43	J CRYPTOL	0933-2790	0.3	190.00	215.00	25.00
44	INT J COMPUT GEOM AP	0218-1959	0.27	110.00	275.00	165.00
45	MULTIMED TOOLS APPL	1380-7501	0.268	503.00	750.00	247.00
46	INT J PARALLEL PROG	0885-7458	0.263	670.00	984.00	314.00
47	DISTRIB PARALLEL DAT	0926-8782	0.231	305.00	343.00	38.00
48	NEW GENERAT COMPUT	0288-3635	0.188	247.30	267.60	20.30
49	APPL ALGEBR ENG COMM	0938-1279	0.187	247.87	300.00	52.13

50	J SYST SOFTWARE	0164-1212	0.184	948.00	1,254.00	306.00
51	IEE P-COMPUT DIG T	1350-2387	0.181	573.30	822.00	248.70
52	INT J GEN SYST	0308-1079	0.175	NA	1,460.00	-
53	INT J HIGH SPEED COM	0129-0533	0.154	367.00	367.00	0.00
54	SUPERCOMPUTER	0168-7875	0.154	NA	ceased	-
55	MULTIDIM SYST SIGN P	0923-6082	0.135	328.50	367.00	38.50
56	THEOR COMPUT SYST	1432-4350	0.125	NA	301.00	-
57	J OBJECT-ORIENT PROG	0896-8438	0.115	199.00	104.00	-95.00
58	COMPUT SYST SCI ENG	0267-6192	0.091	288.82	333.82	45.00
59	MICROPROCESS MICROS	0141-9331	0.08	507.00	526.00	19.00
60	EXPERT SYST	0266-4720	0.039	230.77	283.00	52.23
61	FUTURE GENER COMP SY	0167-739X	0.019	590.00	661.00	71.00
62	COMPUT COMPLEX	1016-3328	0	255.62	412.00	156.38
63	J COMPUT SYS SC INT+	1064-2307	0	1,725.00	2,113.00	388.00
64	INT J HIGH PERFORM C	1094-3420		NA	379.00	-