國立中山大學資訊工程系學術期刊分類表

A級期刊

Journal (全名)	Publisher	Impact Factor	Subject Categories (Ranking)
ACM Magazine（等同短篇）：			
1. Communications of the ACM (CACM)	ACM	2.346	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (7/49) COMPUTER SCIENCE, SOFTWARE ENGINEERING (9/93) COMPUTER SCIENCE, THEORY & METHODS (9/92)
ACM Others：			
2 ACM Computing Surveys	ACM	7.667	COMPUTER SCIENCE, THEORY & METHODS (1/92)
3 Journal of the ACM	ACM	2.717	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (4/49) COMPUTER SCIENCE, INFORMATION SYSTEMS (13/116) COMPUTER SCIENCE, SOFTWARE ENGINEERING (7/93) COMPUTER SCIENCE, THEORY & METHODS (7/92)
ACM Transactions：			
4 ACM Trans. on Algorithms	ACM		(註：非SCI，無impact factor)
5 ACM Trans. on Architecture and Code Optimization	ACM	0.824	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE: 30/48 COMPUTER SCIENCE, THEORY & METHODS: 62/97
6 ACM Trans. on Computer Systems	ACM	2.381	COMPUTER SCIENCE, THEORY & METHODS (8/92)
7 ACM Trans. on Database Systems	ACM	1.245	COMPUTER SCIENCE, INFORMATION SYSTEMS (58/116) COMPUTER SCIENCE, SOFTWARE ENGINEERING (45/93)
8 ACM Trans. on Design Automation of Electronic Systems (TODAES)	ACM	0.685	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (33/49) COMPUTER SCIENCE, SOFTWARE ENGINEERING (69/93)
9 ACM Trans. on Embedded Computing Systems	ACM	1.099	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE(26/49) COMPUTER SCIENCE, SOFTWARE ENGINEERING (54/93)
10 ACM Trans. on Graphics	ACM	3.619	COMPUTER SCIENCE, SOFTWARE ENGINEERING (2/93)
11 ACM Trans. on Information and System Security	ACM	0.6	COMPUTER SCIENCE, INFORMATION SYSTEMS (95/116)
12 ACM Trans. on Information Systems	ACM	1.667	COMPUTER SCIENCE, INFORMATION SYSTEMS (43/116)
13 ACM Trans. on Internet Technology	ACM	2.077	COMPUTER SCIENCE, INFORMATION SYSTEMS (28/116) COMPUTER SCIENCE, SOFTWARE ENGINEERING (12/93)
14 ACM Trans. on Knowledge Discovery from Data	ACM		(註：非SCI，無impact factor)
15 ACM Trans. on Mathematical Software	ACM	1.904	COMPUTER SCIENCE, SOFTWARE ENGINEERING (17/93) MATHEMATICS, APPLIED (13/204)
16 ACM Trans. on Modeling and Computer Simulation	ACM	0.684	COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS (75/95) MATHEMATICS, APPLIED (130/204)
17 ACM Trans. on Multimedia Computing, Communications and Applications	ACM	1.17	COMPUTER SCIENCE, INFORMATION SYSTEMS (64/116) COMPUTER SCIENCE, SOFTWARE ENGINEERING (48/93) COMPUTER SCIENCE, THEORY & METHODS (42/92)
18 ACM Trans. on Programming Languages and Systems	ACM	0.867	COMPUTER SCIENCE, SOFTWARE ENGINEERING (64/93)
19 ACM Trans. on Sensor Networks	ACM	3.77	TELECOMMUNICATIONS (6/78) COMPUTER SCIENCE, INFORMATION SYSTEMS (15/126)
20 ACM Trans. on Software Engineering and Methodology	ACM	2.029	COMPUTER SCIENCE, SOFTWARE ENGINEERING (15/93)
21 ACM Trans. on Storage	ACM		(註：非SCI，無impact factor)
IEEE Magazine（等同短篇）：			
22 Computer	IEEE	2.205	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (8/49) COMPUTER SCIENCE, SOFTWARE ENGINEERING (10/93)
23 IEEE Communications Magazine	IEEE	2.446	ENGINEERING, ELECTRICAL & ELECTRONIC (25/246) TELECOMMUNICATIONS (5/77)
24 IEEE Computational Intelligence Magazine	IEEE	2.622	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (19/103)
25 IEEE Computer Graphics and Applications	IEEE	1.759	COMPUTER SCIENCE, SOFTWARE ENGINEERING (21/93)
26 IEEE Intelligent Systems	IEEE	3.144	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (7/103) ENGINEERING, ELECTRICAL & ELECTRONIC (12/246)
27 IEEE Internet Computing	IEEE	3.108	COMPUTER SCIENCE, SOFTWARE ENGINEERING (5/93)
28 IEEE MultiMedia	IEEE	1.661	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (14/49) COMPUTER SCIENCE, INFORMATION SYSTEMS (44/116) COMPUTER SCIENCE, SOFTWARE ENGINEERING (25/93) COMPUTER SCIENCE, THEORY & METHODS (22/92)
29 IEEE Network	IEEE	2.148	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (9/49) COMPUTER SCIENCE, INFORMATION SYSTEMS (25/116) ENGINEERING, ELECTRICAL & ELECTRONIC (37/246) TELECOMMUNICATIONS (8/77)
30 IEEE Pervasive Computing	IEEE	3.079	COMPUTER SCIENCE, INFORMATION SYSTEMS (8/116) ENGINEERING, ELECTRICAL & ELECTRONIC (13/246) TELECOMMUNICATIONS (3/77)
31 IEEE Security & Privacy	IEEE	1.172	COMPUTER SCIENCE, INFORMATION SYSTEMS (63/116) COMPUTER SCIENCE, SOFTWARE ENGINEERING (47/93)
32 IEEE Signal Processing Magazine	IEEE	4.914	ENGINEERING, ELECTRICAL & ELECTRONIC (1/246)
33 IEEE Software	IEEE	2.039	COMPUTER SCIENCE, SOFTWARE ENGINEERING (14/93)
34 IEEE Wireless Communications	IEEE	2.394	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (6/49) COMPUTER SCIENCE, INFORMATION SYSTEMS (16/116) ENGINEERING, ELECTRICAL & ELECTRONIC (27/246) TELECOMMUNICATIONS (6/77)
IEEE Others：			
35 IEEE Communications Letters (Concise paper)	IEEE	1.14	TELECOMMUNICATIONS (24/77)
36 IEEE Journal on Selected Areas in Communications	IEEE	3.758	ENGINEERING, ELECTRICAL & ELECTRONIC (7/246) TELECOMMUNICATIONS (2/77)
37 IEEE/OSA Journal of Lightwave Technology	IEEE	2.736	ENGINEERING, ELECTRICAL & ELECTRONIC (36/246) OPTICS (10/71)
38 IEEE/OSA Journal of Optical Communications and Networking	IEEE		(註：2009由IEEE JSAC分出，非SCI，無impact factor)
39 IEEE Signal Processing Letter (短篇)	IEEE	1.173	ENGINEERING, ELECTRICAL & ELECTRONIC (103/246)
40 Proceedings of the IEEE	IEEE	4.878	ENGINEERING, ELECTRICAL & ELECTRONIC (2/246)
IEEE Transactions：			
41 IEEE Trans. on Audio Speech and Language Processing	IEEE	1.782	ACOUSTICS (6/28) ENGINEERING, ELECTRICAL & ELECTRONIC (59/246)

42	IEEE Trans. on Automatic Control	IEEE	2.556	AUTOMATION & CONTROL SYSTEMS (7/59) ENGINEERING, ELECTRICAL & ELECTRONIC (22/246)
43	IEEE Trans. on Automation Science and Engineering (2004年起)	IEEE	1.471	AUTOMATION & CONTROL SYSTEMS (21/59)
44	IEEE Trans. on Biomedical Engineering	IEEE	2.154	ENGINEERING, BIOMEDICAL (22/59)
45	IEEE Trans. on Circuits and Systems I-RegularPapers (TCAS-I)	IEEE	1.42	ENGINEERING, ELECTRICAL & ELECTRONIC (80/246)
46	IEEE Trans. on Circuits and Systems II-Express Briefs(短篇)	IEEE	1.32	ENGINEERING, ELECTRICAL & ELECTRONIC (85/246)
47	IEEE Transactions on Circuits and Systems for Video Technology	IEEE	2.548	ENGINEERING, ELECTRICAL & ELECTRONIC (24/246)
48	IEEE Trans. on Communications	IEEE	1.512	ENGINEERING，ELECTRICAL & ELECTRONIC(72/246) TELECOMMUNICATIONS(15/77)
49	IEEE Trans. on Computers	IEEE	1.822	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (12/49) ENGINEERING, ELECTRICAL & ELECTRONIC (55/2246)
50	IEEE Trans. on Computer-Aided Design of Integrated Circuits and Systems	IEEE	1.23	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (22/49) COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS (50/95) ENGINEERING, ELECTRICAL & ELECTRONIC (95/246)
51	IEEE Trans. on Dependable and Secure Computing	IEEE	2.093	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (10/49) COMPUTER SCIENCE, INFORMATION SYSTEMS (27/116) COMPUTER SCIENCE, SOFTWARE ENGINEERING (11/93)
52	IEEE Trans. on Engineering Management	IEEE	1.248	ENGINEERING, INDUSTRIAL (13/37)
53	IEEE Trans. on Evolutionary Computation	IEEE	4.589	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (2/103) COMPUTER SCIENCE, THEORY & METHODS (3/92)
54	IEEE Trans. on Fuzzy Systems	IEEE	3.343	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (6/103) ENGINEERING, ELECTRICAL & ELECTRONIC (10/246)
55	IEEE Trans. on Geoscience and Remote Sensing	IEEE	2.234	GEOCHEMISTRY & GEOPHYSICS (17/75) ENGINEERING, ELECTRICAL & ELECTRONIC (34/246) REMOTE SENSING (4/21)
56	IEEE Trans. on Image Processing	IEEE	2.848	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (17/103) ENGINEERING, ELECTRICAL & ELECTRONIC (18/246)
57	IEEE Trans. on Industrial Electronics	IEEE	4.678	AUTOMATION & CONTROL SYSTEMS (1/59) ENGINEERING, ELECTRICAL & ELECTRONIC (3/246) INSTRUMENTS & INSTRUMENTATION (2/58)
58	IEEE Trans. on Information Forensics and Security	IEEE	2.338	COMPUTER SCIENCE, THEORY & METHODS (10/92) ENGINEERING, ELECTRICAL & ELECTRONIC (29/246)
59	IEEE Trans. on Information Technology in Biomedicine	IEEE	1.694	COMPUTER SCIENCE, INFORMATION SYSTEMS (40/116) COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS (27/95) MATHEMATICAL & COMPUTATIONAL BIOLOGY (19/29) MEDICAL INFORMATICS (11/23)
60	IEEE Trans. on Information Theory	IEEE	2.357	COMPUTER SCIENCE, INFORMATION SYSTEMS (17/116) ENGINEERING, ELECTRICAL & ELECTRONIC (28/246)
61	IEEE Trans. on Knowledge and Data Engineering	IEEE	2.285	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (24/103) COMPUTER SCIENCE, INFORMATION SYSTEMS (20/116) ENGINEERING, ELECTRICAL & ELECTRONIC (32/246)
62	IEEE Trans. on Medical Imaging	IEEE	3.54	COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS (4/95) ENGINEERING, BIOMEDICAL (6/59) ENGINEERING, ELECTRICAL & ELECTRONIC (9/246) IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY (2/13) RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING (14/104
63	IEEE Trans. on Mobile Computing	IEEE	2.647	COMPUTER SCIENCE, INFORMATION SYSTEMS (14/116) TELECOMMUNICATIONS (4/77)
64	IEEE Trans. on Multimedia	IEEE	1.822	COMPUTER SCIENCE, INFORMATION SYSTEMS (34/116) COMPUTER SCIENCE, SOFTWARE ENGINEERING (18/93) TELECOMMUNICATIONS (13/77)
65	IEEE Trans. on Neural Networks	IEEE	2.889	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (16/103) COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (3/49) COMPUTER SCIENCE, THEORY & METHODS (6/92) ENGINEERING, ELECTRICAL & ELECTRONIC (17/246)
66	IEEE/ACM Trans. on Networking	IEEE	2.051	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (11/49) COMPUTER SCIENCE, THEORY & METHODS (15/92) ENGINEERING, ELECTRICAL & ELECTRONIC (40/246) TELECOMMUNICATIONS (9/77)
67	IEEE Trans. on Parallel and Distributed Systems	IEEE	1.733	COMPUTER SCIENCE, THEORY & METHODS (20/92) ENGINEERING, ELECTRICAL & ELECTRONIC (62/246)
68	IEEE Trans. on Pattern Analysis and Machine Intelligence	IEEE	4.378	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (3/103) ENGINEERING, ELECTRICAL & ELECTRONIC (4/246)
69	IEEE Trans. on Reliability	IEEE	1.331	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (19/49) COMPUTER SCIENCE, SOFTWARE ENGINEERING (39/93) ENGINEERING, ELECTRICAL & ELECTRONIC (84/246)
70	IEEE Trans. on Robotics (2004年起)	IEEE	2.035	ROBOTICS (2/16)
71	IEEE Trans. on Robotics and Automation (2004年止)	IEEE	2.126	AUTOMATION & CONTROL SYSTEMS (2/46) ENGINEERING, ELECTRICAL & ELECTRONIC (23/209) ROBOTICS (1/11)
72	IEEE Trans. on Signal Processing	IEEE	2.212	ENGINEERING, ELECTRICAL & ELECTRONIC (35/246)
73	IEEE Trans. on Software Engineering	IEEE	3.75	COMPUTER SCIENCE, SOFTWARE ENGINEERING (1/93) ENGINEERING, ELECTRICAL & ELECTRONIC (8/246)
74	IEEE Trans. on Systems, Man and Cybernetics, Part A	IEEE	2.033	COMPUTER SCIENCE, CYBERNETICS (5/19) COMPUTER SCIENCE, THEORY & METHODS (16/92)
75	IEEE Trans. on Systems, Man and Cybernetics, Part B	IEEE	3.007	AUTOMATION & CONTROL SYSTEMS (2/59) COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (11/103) COMPUTER SCIENCE, CYBERNETICS (2/19)
76	IEEE Trans. on Vehicular Technology	IEEE	1.488	ENGINEERING, ELECTRICAL & ELECTRONIC (74/246) TELECOMMUNICATIONS (17/77) TRANSPORTATION SCIENCE & TECHNOLOGY (9/26)
77	IEEE Trans. on Very Large Scale Integration (VLSI) Systems	IEEE	1.01	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE (28/49) ENGINEERING, ELECTRICAL & ELECTRONIC (121/246)
78	IEEE Trans. on Visualization and Computer Graphics	IEEE	2.35	COMPUTER SCIENCE, SOFTWARE ENGINEERING (8/93)
79	IEEE Trans. on Wireless Communications	IEEE	1.903	ENGINEERING, ELECTRICAL & ELECTRONIC (52/246) TELECOMMUNICATIONS (12/77)
80	IEEE Transactions on Intelligent Transportation Systems	IEEE	3.064	ENGINEERING, CIVIL(3/122) ENGINEERING, ELECTRICAL & ELECTRONIC (20/243) TRANSPORTATION SCIENCE & TECHNOLOGY (2/30)

	Elsevier：			
81	Artificial Intelligence	Elsevier	3.306	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (10/103）
82	Computers & Education	Pergamon-Elsevier Science Ltd	2.059	EDUCATION & EDUCATIONAL RESEARCH （9/139） COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS （20/95）
83	Computer Vision and Image Understanding	Elsevier	1.676	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (40/103） ENGINEERING, ELECTRICAL & ELECTRONIC (64/246）
84	Future Generation Computer Systems (FGCS）	Elsevier	2.371	COMPUTER SCIENCE, THEORY & METHODS (10/97）
85	Journal of Algorithms (2007年止)	Elsevier	0.943	COMPUTER SCIENCE, THEORY & METHODS (44/85) MATHEMATICS, APPLIED (65/175)
86	NeuroImage	Elsevier	5.739	NEUROSCIENCES (27/231) NEUROIMAGING (2/13) RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING (4/104
	MIT Press：			
87	Computational Linguistics	MIT Press	2.212	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (25/103） COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS (16/95）
88	Evolutionary Computation	MIT Press	3.103	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (8/103） COMPUTER SCIENCE, THEORY & METHODS (4/92）
89	Neural Computation	MIT Press	2.175	COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE (28/103）
	Others：			
90	BMC Bioinformatics	Biomed Central Ltd	3.428	BIOCHEMICAL RESEARCH METHODS (18/67） BIOTECHNOLOGY & APPLIED MICROBIOLOGY (34/152） MATHEMATICAL & COMPUTATIONAL BIOLOGY (4/29
91	Computational Complexity	Birkhauser Verlag AG	1.188	COMPUTER SCIENCE, THEORY & METHODS (41/92） MATHEMATICS (35/255）
92	Proceedings of National Academy of Sciences of the United States of America	Natl Acad Sciences	9.432	MULTIDISCIPLINARY SCIENCES (3/50)
93	SIAM Journal on Computing	SIAM	1.614	COMPUTER SCIENCE, THEORY & METHODS (23/92） MATHEMATICS, APPLIED (27/204）
	Oxford Univ Press：			
94	Bioinformatics	Oxford Univ Press	4.926	BIOCHEMICAL RESEARCH METHODS (9/67） BIOTECHNOLOGY & APPLIED MICROBIOLOGY (14/152） MATHEMATICAL & COMPUTATIONAL BIOLOGY (2/29）
	Springer：			
95	Journal of Cryptology	Springer	2.297	COMPUTER SCIENCE, THEORY & METHODS (11/92） ENGINEERING, ELECTRICAL & ELECTRONIC (31/246) MATHEMATICS, APPLIED (6/204)
96	VLDB Journal	Springer	4.517	COMPUTER SCIENCE, HARDWARE & ARCHITECTURE （1/49） COMPUTER SCIENCE, INFORMATION SYSTEMS （1/116）
97	Wireless Networks	Springer/ACM	1.088	COMPUTER SCIENCE, INFORMATION SYSTEMS (65/116） ENGINEERING, ELECTRICAL & ELECTRONIC (113/246） TELECOMMUNICATIONS (25/77）