

Computer Science Software Engineering

Legend

No.	The row number of the journals in the result table.
Journal	The name of the journal.
Rank, PII	The rank of journal among all journals based on PII.
JII	Journal Influence Index, the score of the journal calculated by our method, the bigger the more impactful.
PII	Paper Influence Index, the JII divided by Article Number multiplied by 1000.
B2(2005)	The average number of citations received by papers published in the journal in the 2 preceding years before 2005 (2004,2003) from all the papers published in 2005.
B4(2005)	The average number of citations received by papers published in the journal in the 4 preceding years before 2005 (2004-2001) from all the papers published in 2005.
B6(2005)	The average number of citations received by papers published in the journal in the 6 preceding years before 2005 (2004-1999) from all the papers published in 2005.
Rank, JII %	The rank percentage based on JII (Division of JII on the highest JII value) X 100

No.	Journal	Rank, PII	JII	PII	B2	B4	B6	Rank, JII %
	COMPUTER LANGUAGES	7369	N/A	N/A				N/A
	CONCURRENCY-PRACTICE AND EXPERIENCE	7370	N/A	N/A				N/A
	JOOP-JOURNAL OF OBJECT-ORIENTED PROGRAMMING	7373	N/A	N/A				N/A
	FUNDAMENTA INFORMATICAЕ	7967	N/A	N/A	1.52	1.63	1.44	N/A
	DR DOBBS JOURNAL	7968	N/A	N/A	0.09	0.11	0.1	N/A
	COMPUTER GRAPHICS WORLD	7969	N/A	N/A	0.04	0.05	0.07	N/A
	ANNALS OF SOFTWARE ENGINEERING	7970	N/A	N/A		0	0	N/A
	SIMULATION PRACTICE AND THEORY	7971	N/A	N/A		0	0	N/A
	ADVANCES IN COMPUTERS	7979	N/A	N/A	0.71	0.96	0.73	N/A
	JOURNAL OF VISUALIZATION AND COMPUTER ANIMATION	8022	N/A	N/A	0.61	1.21	1.25	N/A
1	COMMUNICATIONS OF THE ACM	790	30.17	168.54	3.25	3.57	3.85	100
2	JOURNAL OF THE ACM	204	15.83	487.11	4.06	7.18	7.6	52.4693404
3	MATHEMATICAL PROGRAMMING	761	14.95	173.33	2.86	2.99	2.94	49.55253563
4	IEEE TRANSACTIONS ON SOFTWARE ENGINEERING	1323	7.82	105.99	3.75	4.09	3.98	25.91978787
5	COMPUTER	1844	7.73	72.91	2.2	2.49	2.35	25.62147829
6	ACM TRANSACTIONS ON MATHEMATICAL SOFTWARE	366	7.25	302.11	2.74	2.85	2.47	24.03049387
7	IEEE COMPUTER GRAPHICS AND APPLICATIONS	945	6.35	145.92	1.86	2.86	3.05	21.04739808
8	ACM TRANSACTIONS ON GRAPHICS	2174	6.2	59.79	6.93	5.67	4	20.55021545

No.	Journal	Rank, PII	JII	PII	B2	B4	B6	Rank, JII %
9	RANDOM STRUCTURES & ALGORITHMS	1133	5.56	124.28	1.88	2.17	2.17	18.42890288
10	IEEE MICRO	1485	4.58	94.04	2.16	2.58	2.72	15.18064302
11	COMPUTER JOURNAL	1556	4.51	88.06	1.25	1.32	1.33	14.94862446
12	ALGORITHMICA	2034	4.25	64.82	1.87	2.27	2.02	14.08684123
13	IEEE SOFTWARE	1908	4.16	69.95	2.42	2.53	2.41	13.78853165
14	BIT NUMERICAL MATHEMATICS	1412	3.82	99.76	1.6	1.76	1.85	12.66158436
15	COMPUTER GRAPHICS-US	223	3.57	445.64				11.83294664
16	IMAGE AND VISION COMPUTING	3196	3.4	35.14	2.39	2.55	2.6	11.26947299
17	COMPUTER-AIDED DESIGN	3353	3.34	32.35	2.2	2.76	2.57	11.07059993
18	ACM TRANSACTIONS ON PROGRAMMING LANGUAGES AND SYST...	1073	3.24	131.02	2.72	4.06	5.25	10.73914485
19	MATHEMATICAL AND COMPUTER MODELLING	4848	3.04	13.82	0.78	0.97	0.95	10.07623467
20	PRESENCE-TELEOPERATORS AND VIRTUAL ENVIRONMENTS	1848	3.01	72.85	1.15	1.7	1.96	9.976798144
21	COMPUTER AIDED GEOMETRIC DESIGN	2030	2.91	65.02	1.85	2.42	2.28	9.645343056
22	IBM SYSTEMS JOURNAL	2219	2.83	58.32	2.28	3.36	2.98	9.380178986
23	IEEE TRANSACTIONS ON RELIABILITY	2735	2.76	43.98	1.27	1.68	1.73	9.148160424
24	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GR...	2439	2.55	51.42	2.56	3.32	3.65	8.45210474
25	ACM SIGPLAN NOTICES	5070	2.34	12.08	0.42	0.59	0.62	7.756049055
26	GRAPHICAL MODELS	1432	2.01	97.87	1.74	2.36	2.3	6.662247265
27	COMPUTER GRAPHICS FORUM	3678	2	27.94	1.77	2.28	2.04	6.629101757
28	IEEE TRANSACTIONS ON MULTIMEDIA	3897	1.98	25	2.74	3.41	3.14	6.562810739
29	ACM TRANSACTIONS ON DATABASE SYSTEMS	1227	1.96	113.88	3.53	3.64	4.99	6.496519722
30	SOFTWARE-PRACTICE & EXPERIENCE	3573	1.88	29.32	0.73	1.36	1.45	6.231355651
31	JOURNAL OF SYSTEMS AND SOFTWARE	4802	1.56	14.35	1.38	1.5	1.41	5.17069937
32	IEEE INTERNET COMPUTING	4004	1.34	23.47	4.13	4.25	3.48	4.441498177
33	MATHEMATICS AND COMPUTERS IN SIMULATION	5428	1.3	9.58	0.93	1.02	0.86	4.308916142

No.	Journal	Rank, PII	JII	PII	B2	B4	B6	Rank, JII %
34	SIGMOD RECORD	3524	1.24	29.96	2.42	3.07	2.57	4.110043089
35	COMPUTERS & GRAPHICS-UK	4767	1.23	14.73	1.1	1.3	1.24	4.07689758
36	VISUAL COMPUTER	4063	1.22	22.83	1.18	1.34	1.65	4.043752072
37	JOURNAL OF MATHEMATICAL IMAGING AND VISION	3333	1.11	32.78	3.93	3.11	2.92	3.679151475
38	OPTIMIZATION METHODS & SOFTWARE	4090	0.98	22.46	0.76	0.93	1.08	3.248259861
39	JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESEN...	3495	0.86	30.35	0.85	1.85	2.33	2.850513755
40	INFORMATION AND SOFTWARE TECHNOLOGY	5246	0.85	10.81	0.81	0.97	1	2.817368247
41	IEEE MULTIMEDIA	4110	0.74	22.06	2.64	2.83	2.53	2.45276765
42	SCIENCE OF COMPUTER PROGRAMMING	4670	0.73	15.68	1.38	1.67	1.48	2.419622141
43	ADVANCES IN ENGINEERING SOFTWARE	5458	0.66	9.37	0.43	0.83	0.83	2.18760358
44	ACM TRANSACTIONS ON DESIGN AUTOMATION OF ELECTRONI...	3998	0.63	23.51	1.09	1.27	1.43	2.088167053
45	ACM TRANSACTIONS ON SOFTWARE ENGINEERING AND METHO...	2409	0.59	52.3	6.74	5.86	5.7	1.955585018
46	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	6775	0.56	1.99	0.42	0.45	0.4	1.856148492
47	EMPIRICAL SOFTWARE ENGINEERING	3595	0.55	28.99				1.823002983
48	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	5753	0.55	7.54	0.95	1.3	0.88	1.823002983
49	JOURNAL OF SOFTWARE MAINTENANCE AND EVOLUTION-RESE...	4188	0.39	21.14	0.86	1.01	0.95	1.292674843
50	JOURNAL OF FUNCTIONAL PROGRAMMING	4565	0.38	16.75	1.75	1.31	1.59	1.259529334
51	INTERNATIONAL JOURNAL OF ELECTRONIC COMMERCE	4816	0.32	14.16	2	3.22	2.88	1.060656281
52	DISCRETE MATHEMATICS AND THEORETICAL COMPUTER SCIE...	4512	0.28	17.35	2	1.78	1.53	0.928074246
53	SIMULATION-TRANSACTIONS OF THE SOCIETY FOR MODELIN...	5959	0.27	6.13	0.67	0.72	0.57	0.894928737
54	JOURNAL OF VISUAL LANGUAGES AND COMPUTING	5146	0.26	11.58	1.4	1.2	1.16	0.861783228
55	MULTIMEDIA TOOLS AND APPLICATIONS	5933	0.25	6.25	0.61	0.81	0.79	0.82863772
56	REAL-TIME IMAGING	5915	0.24	6.41	1.19	1.15	1.06	0.795492211
57	JOURNAL OF UNIVERSAL COMPUTER SCIENCE	6696	0.23	2.34				0.762346702
58	IEE PROCEEDINGS-SOFTWARE	5763	0.19	7.47	0.8	1	0.85	0.629764667

No.	Journal	Rank, PII	JII	PII	B2	B4	B6	Rank, JII %
59	COMPUTER STANDARDS & INTERFACES	6606	0.18	2.76	0.99	0.64	0.5	0.596619158
60	SOFTWARE QUALITY JOURNAL	5429	0.16	9.57	0.94	0.64	0.55	0.530328141
61	SOFTWARE TESTING VERIFICATION & RELIABILITY	4845	0.15	13.85	1.14	1.48	1.23	0.497182632
62	JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY	6877	0.15	1.52	0.65	0.49	0.37	0.497182632
63	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	5442	0.14	9.44	1.61	1.43	1.34	0.464037123
64	DESIGN AUTOMATION FOR EMBEDDED SYSTEMS	5974	0.12	6.05	0.34	0.54	0.46	0.397746105
65	INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND ...	6592	0.11	2.85	0.98	1.58	1.21	0.364600597
66	ICGA JOURNAL	5756	0.1	7.51	1.43	1.39	1.06	0.331455088
67	COMPUTER ANIMATION AND VIRTUAL WORLDS	6767	0.09	2.05	1.06	0.53	0.35	0.298309579
68	SIMULATION MODELLING PRACTICE AND THEORY	6731	0.08	2.18	0.56	0.44	0.39	0.26516407
69	PROGRAMMING AND COMPUTER SOFTWARE	6865	0.06	1.59	0.28	0.39	0.3	0.198873053
70	THEORY AND PRACTICE OF LOGIC PROGRAMMING	6800	0.04	1.86	1.6	0.92	0.61	0.132582035
71	COMPUTER LANGUAGES SYSTEMS & STRUCTURES	6887	0.02	1.49	0.64	0.77	0.52	0.066291018
72	JOURNAL OF RESEARCH AND PRACTICE IN INFORMATION TE...	7115	0.01	0.45	0.36	0.3	0.24	0.033145509