

Computer Science Interdisciplinary Applications

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 %
	COMPUTERS AND BIOMEDICAL RESEARCH	7362	N/A	N/A				N/A
	INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUF...	7363	N/A	N/A				N/A
	M D COMPUTING	7364	N/A	N/A				N/A
	SIMULATION	7365	N/A	N/A				N/A
	TRANSACTIONS OF THE SOCIETY FOR COMPUTER SIMULATIO...	7367	N/A	N/A				N/A
	JOURNAL OF CHEMICAL INFORMATION AND COMPUTER SCIENCE	7836	N/A	N/A	0	0	0	N/A
	COMPUTERS & CHEMISTRY	7840	N/A	N/A		0	0	N/A
	SIMULATION PRACTICE AND THEORY	7971	N/A	N/A		0	0	N/A
	IEEE COMPUTER APPLICATIONS IN POWER	7973	N/A	N/A		0	0	N/A
	COMPUTERS AND THE HUMANITIES	7974	N/A	N/A	0.28	0.85	0.73	N/A
1	BIOINFORMATICS	687	103.07	190.42	11.7	12.9	10.3	100
2	JOURNAL OF COMPUTATIONAL PHYSICS	335	91.04	328.09	4.26	5	5.29	88.32832056
3	COMPUTER PHYSICS COMMUNICATIONS	839	35.35	161.44	3.16	3.63	3.71	34.29707965
4	IEEE TRANSACTIONS ON MEDICAL IMAGING	1040	17.72	133.46	6.82	8.64	8.51	17.19219948
5	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	282	17.58	374.07	4.35	6.23	5.33	17.05636946
6	COMPUTERS & STRUCTURES	2463	10.97	50.98	1.19	1.67	1.75	10.64325216
7	JOURNAL OF COMPUTATIONAL BIOLOGY	893	9.78	153.46	4.52	6.92	7.56	9.488697002
8	INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLU...	2615	9.55	46.72	1.43	1.62	1.66	9.265547686
9	IEEE TRANSACTIONS ON COMPUTER-AIDED DESIGN OF INTE...	2167	8.92	59.94	1.73	2.08	2.2	8.654312603
10	COMPUTERS & GEOSCIENCES	2099	7.26	62.56	1.4	1.85	1.62	7.04375667
11	COMPUTATIONAL STATISTICS & DATA ANALYSIS	2325	7.12	54.48	1.27	1.28	1.06	6.907926652
12	COMPUTERS & CHEMICAL ENGINEERING	3078	6.58	37.1	2.7	2.82	3.15	6.384010866

13	JOURNAL OF COMPUTER-AIDED MOLECULAR DESIGN	995	6.26	139.86	5.34	7.98	8.29	6.073542253
14	COMPUTERS & MATHEMATICS WITH APPLICATIONS	4235	5.82	20.64	0.83	1.2	1.11	5.646647909
15	COMPUTERS & FLUIDS	1506	5.57	92	2.75	2.7	2.26	5.404094305
16	JOURNAL OF THE AMERICAN MEDICAL INFORMATICS ASSOCI...	1741	5.48	77.66	7.7	6.31	5.63	5.316775007
17	COMPUTATIONAL LINGUISTICS	358	4.67	305.95	5.63	5.9	5.14	4.530901329
18	QUEUEING SYSTEMS	1583	4.24	86.18	1.66	1.9	1.98	4.11370913
19	MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING	3088	3.79	36.9	1.79	1.76	1.97	3.677112642
20	INTERNATIONAL JOURNAL OF MODERN PHYSICS C	3171	3.62	35.45	2.72	2.53	2.53	3.512176191
21	MATHEMATICAL AND COMPUTER MODELLING	4848	3.04	13.82	0.78	0.97	0.95	2.949451829
22	JOURNAL OF MOLECULAR MODELING	2357	2.92	53.62	3.06	5.84	4.45	2.833026099
23	JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION	2692	2.88	45.05	0.46	0.5	0.61	2.794217522
24	MEDICAL IMAGE ANALYSIS	1714	2.84	78.98	5.55	7.28	6.32	2.755408945
25	SPEECH COMMUNICATION	3225	2.72	34.6	2.1	1.76	1.73	2.638983215
26	SCIENTOMETRICS	4032	2.13	23.17	3.35	3.34	2.81	2.066556709
27	COMPUTERS & OPERATIONS RESEARCH	4829	2.1	13.99	1.39	1.52	1.54	2.037450277
28	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	4147	1.85	21.6	1.26	1.58	1.66	1.794896672
29	ENVIRONMENTAL MODELLING & SOFTWARE	4583	1.58	16.54	2.42	2.27	2.1	1.532938779
30	COMPUTING IN SCIENCE & ENGINEERING	3856	1.41	25.51	1.07	1.54	1.69	1.368002329
31	ENGINEERING COMPUTATIONS	2980	1.34	38.79	1.2	1.65	1.49	1.300087319
32	MATHEMATICS AND COMPUTERS IN SIMULATION	5428	1.3	9.58	0.93	1.02	0.86	1.261278743
33	STRUCTURAL AND MULTIDISCIPLINARY OPTIMIZATION	4738	1.23	15.09	1.7	2.37	1.98	1.193363733
34	INFORMS JOURNAL ON COMPUTING	3213	1.04	34.77	3.14	3.19	3.61	1.009022994
35	COMPUTATIONAL GEOSCIENCES	1914	0.98	69.68	1.52	2.57	2.4	0.950810129
36	COMPUTER MUSIC JOURNAL	2336	0.94	54.28	0.89	1.16	1.5	0.912001552
37	JOURNAL OF COMPUTING IN CIVIL ENGINEERING	3940	0.84	24.35	1.25	1.73	1.95	0.814980111
38	COMPUTERS & INDUSTRIAL ENGINEERING	5585	0.79	8.49	0.63	1.16	1.22	0.76646939
39	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER...	4773	0.78	14.66	0.66	0.91	0.91	0.756767246
40	COMPUTERS AND ELECTRONICS IN AGRICULTURE	5069	0.76	12.09	1.34	1.96	2.04	0.737362957
41	COMPUTERS AND GEOTECHNICS	4611	0.68	16.25	0.99	0.98	0.83	0.659745804

42	ADVANCES IN ENGINEERING SOFTWARE	5458	0.66	9.37	0.43	0.83	0.83	0.640341515
43	INTERNATIONAL JOURNAL OF HIGH PERFORMANCE COMPUTIN...	4076	0.65	22.64	2.06	3.18	2.81	0.630639371
44	COMPUTATIONAL BIOLOGY AND CHEMI STRY	4939	0.63	13.04	3.69	1.86	1.24	0.611235083
45	JOURNAL OF BIOMEDICAL INFORMATICS	4428	0.6	18.32	4.3	4.52	3.01	0.58212865
46	JOURNAL OF NEW MUSIC RESEARCH	3593	0.59	29.01	1.68	1.95	1.81	0.572426506
47	IEEE TRANSACTIONS ON INFORMATION TECHNOLOGY IN BIO...	4931	0.55	13.09	2.75	3.12	2.65	0.53361793
48	COMPUTERS IN BIOLOGY AND MEDICINE	5051	0.55	12.21	2.15	2.06	1.55	0.53361793
49	SAR AND QSAR IN ENVIRONMENTAL RESEARCH	5003	0.54	12.62	3.18	2.64	2.13	0.523915785
50	IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS P...	4927	0.52	13.11	1.16	1.95	1.99	0.504511497
51	ENGINEERING WITH COMPUTERS	4404	0.48	18.53	0.25	1.35	1.27	0.46570292
52	APPLICABLE ALGEBRA IN ENGINEERING COMMUNICATION AN...	4161	0.47	21.45	0.72	1.17	1.15	0.456000776
53	COMPUTERS IN INDUSTRY	5777	0.47	7.36	1.6	1.57	1.62	0.456000776
54	JOURNAL OF COMPUTER-AIDED MATERIALS DESIGN	2350	0.46	53.74		1.75	1.95	0.446298632
55	MATCH-COMMUNICATIONS IN MATHEMATICAL AND IN COMPUT...	5199	0.43	11.04	1.57	1.51	1.14	0.417192199
56	COMPUTERS & EDUCATION	5509	0.43	9.01	1.78	1.7	1.5	0.417192199
57	SOCIAL SCIENCE COMPUTER REVIEW	5211	0.41	10.99	1.18	1.46	1.31	0.397787911
58	QSAR & COMBINATORIAL SCIENCE	6116	0.38	5.18	3.29	1.66	1.11	0.368681479
59	COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION A...	6287	0.36	4.3	0.31	0.44	0.36	0.34927719
60	ARCHIVES OF COMPUTATIONAL METHODS IN ENGINEERING	2009	0.35	65.88	2.56	3.8	3.4	0.339575046
61	JOURNAL OF VISUALIZATION	5520	0.32	8.93	0.93	1.06	0.93	0.310468614
62	COMPUTER-AIDED CIVIL AND INFRASTRUCTURE ENGINEERIN...	5624	0.29	8.26	1.22	1.14	1.12	0.281362181
63	SIMULATION-TRANSACTIONS OF THE SOCIETY FOR MODELIN...	5959	0.27	6.13	0.67	0.72	0.57	0.261957893
64	JOURNAL OF COMBINATORIAL OPTIMIZATION	5748	0.24	7.58	0.49	1.1	1.34	0.23285146
65	SOFT COMPUTING	6530	0.24	3.11	1.02	0.91	0.85	0.23285146
66	ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	6372	0.19	3.84	1.14	1.33	1.3	0.184340739
67	INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUF...	6647	0.15	2.55	0.6	0.94	0.88	0.145532163
68	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	5442	0.14	9.44	1.61	1.43	1.34	0.135830018
69	MATHEMATICAL AND COMPUTER MODELLING OF DYNAMICAL S...	5645	0.14	8.13	0.17	0.34	0.86	0.135830018
70	COMPUTER APPLICATIONS IN ENGINEERING EDUCATION	6055	0.13	5.55	0.19	0.65	0.52	0.126127874

71	CONCURRENT ENGINEERING-RESEARCH AND APPLICATIONS	6278	0.1	4.34	0.43	0.84	0.88	0.097021442
72	INDUSTRIAL MANAGEMENT & DATA SYSTEMS	6857	0.1	1.62	4.34	3.5	2.77	0.097021442
73	COMPUTERS & ELECTRICAL ENGINEERING	6727	0.09	2.2	0.53	0.38	0.31	0.087319298
74	AI EDAM-ARTIFICIAL INTELLIGENCE FOR ENGINEERING DE...	6059	0.08	5.52	0.43	1.06	1.04	0.077617153
75	SIMULATION MODELLING PRACTICE AND THEORY	6731	0.08	2.18	0.56	0.44	0.39	0.077617153
76	INTEGRATED COMPUTER-AIDED ENGINEERING	6743	0.06	2.13	0.69	0.63	0.6	0.058212865
77	JOURNAL OF ORGANIZATIONAL COMPUTING AND ELECTRONIC...	6434	0.05	3.51	1.07	1.12	1.26	0.048510721
78	CIN-COMPUTERS INFORMATICS NURSING	6822	0.05	1.78	1.55	1.35	0.9	0.048510721
79	Language Resources and Evaluation	7162	0	0.11				0

