

PERPUSTAKAAN UTM 2015
Categories: MATHEMATICS, APPLIED
Quartiles: Q1 by WoS

Rank	Full Journal Title	JCR Abbreviated Title	ISSN	Total Cites	Journal Impact Factor	Impact Factor without Journal Self Cites	5-Year Impact Factor
1	INTERNATIONAL JOURNAL OF ROBUST AND NONLINEAR CONTROL	INT J ROBUST NONLIN	1049-8923	3,232	3.176	2.971	2.939
2	COMMUNICATIONS ON PURE AND APPLIED MATHEMATICS	COMMUN PUR APPL MATH	0010-3640	7,280	3.13	2.989	3.462
3	MATHEMATICAL MODELS & METHODS IN APPLIED SCIENCES	MATH MOD METH APPL S	0218-2025	2,145	3.094	2.594	2.3
4	SIAM REVIEW	SIAM REV	0036-1445	5,906	2.909	2.841	10.614
5	COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION	COMMUN NONLINEAR SCI	1007-5704	7,144	2.866	2.584	2.879
6	NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS	NONLINEAR ANAL-REAL	1468-1218	4,179	2.519	2.471	2.322
7	FIXED POINT THEORY AND APPLICATIONS	FIXED POINT THEORY A	1687-1812	2,679	2.503	1.591	2.126
8	FOUNDATIONS OF COMPUTATIONAL MATHEMATICS	FOUND COMPUT MATH	1615-3375	763	2.389	2.296	3.566
9	NONLINEAR ANALYSIS-HYBRID SYSTEMS	NONLINEAR ANAL-HYBRI	1751-570X	734	2.375	2.125	2.101
10	JOURNAL OF NUMERICAL MATHEMATICS	J NUMER MATH	1570-2820	156	2.31	2.276	1.479
11	SIAM JOURNAL ON IMAGING SCIENCES	SIAM J IMAGING SCI	1936-4954	1,731	2.27	1.851	5.237
12	FRACTIONAL CALCULUS AND APPLIED ANALYSIS	FRACT CALC APPL ANAL	1311-0454	698	2.245	1.578	Not Available
13	JOURNAL OF NONLINEAR SCIENCE	J NONLINEAR SCI	0938-8974	812	2.135	2.081	2.013
14	APPLIED AND COMPUTATIONAL HARMONIC ANALYSIS	APPL COMPUT HARMON A	1063-5203	1,894	2.036	1.791	3.22
15	FINITE ELEMENTS IN ANALYSIS AND DESIGN	FINITE ELEM ANAL DES	0168-874X	2,882	2.017	1.83	1.967
16	FUZZY SETS AND SYSTEMS	FUZZY SET SYST	0165-0114	13,449	1.986	1.558	2.496
17	CHAOS	CHAOS	1054-1500	5,026	1.954	1.764	2.217

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18	ACM TRANSACTIONS ON MATHEMATICAL SOFTWARE	ACM T MATH SOFTWARE	0098-3500	2,869	1.863	1.824	3.151
19	SIAM JOURNAL ON SCIENTIFIC COMPUTING	SIAM J SCI COMPUT	1064-8275	8,828	1.854	1.602	2.403
20	SIAM JOURNAL ON OPTIMIZATION	SIAM J OPTIMIZ	1052-6234	4,714	1.829	1.589	2.908
21	MATHEMATICAL PROGRAMMING	MATH PROGRAM	0025-5610	6,537	1.803	1.655	2.324
22	SIAM JOURNAL ON NUMERICAL ANALYSIS	SIAM J NUMER ANAL	0036-1429	9,276	1.788	1.55	2.357
23	JOURNAL OF SCIENTIFIC COMPUTING	J SCI COMPUT	0885-7474	2,234	1.7	1.515	2.06
24	IMA JOURNAL OF NUMERICAL ANALYSIS	IMA J NUMER ANAL	0272-4979	1,705	1.698	1.643	1.793
24	JOURNAL OF THE EUROPEAN MATHEMATICAL SOCIETY	J EUR MATH SOC	1435-9855	935	1.698	1.682	1.94
26	COMPUTERS & MATHEMATICS WITH APPLICATIONS	COMPUT MATH APPL	0898-1221	11,252	1.697	1.601	2.17
27	JOURNAL DE MATHEMATIQUES PURES ET APPLIQUEES	J MATH PURE APPL	0021-7824	2,266	1.683	1.659	1.725
28	ESAIM-MATHEMATICAL MODELLING AND NUMERICAL ANALYSIS-MODELISATION MATHEMATIQUE ET ANALYSE NUMERIQUE	ESAIM-MATH MODEL NUM	0764-583X	1,417	1.642	1.547	1.678
29	COMPUTER AIDED GEOMETRIC DESIGN	COMPUT AIDED GEOM D	0167-8396	1,393	1.639	1.269	1.371
30	PHYSICA D-NONLINEAR PHENOMENA	PHYSICA D	0167-2789	10,201	1.636	1.523	1.748
31	OPTIMIZATION METHODS & SOFTWARE	OPTIM METHOD SOFTW	1055-6788	1,270	1.624	1.592	1.544
32	NUMERISCHE MATHEMATIK	NUMER MATH	0029-599X	5,439	1.608	1.575	1.811
33	SIAM JOURNAL ON MATRIX ANALYSIS AND APPLICATIONS	SIAM J MATRIX ANAL A	0895-4798	3,556	1.59	1.236	2.143
34	JOURNAL OF MATHEMATICAL IMAGING AND VISION	J MATH IMAGING VIS	0924-9907	1,566	1.552	1.376	2.197
35	APPLIED MATHEMATICS AND COMPUTATION	APPL MATH COMPUT	0096-3003	17,778	1.551	1.193	1.686
36	INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION	INT J NONLIN SCI NUM	1565-1339	769	1.545	1.527	0.906
37	CALCULUS OF VARIATIONS AND PARTIAL DIFFERENTIAL EQUATIONS	CALC VAR PARTIAL DIF	0944-2669	1,638	1.518	1.44	1.679

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38	JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS	J OPTIMIZ THEORY APP	0022-3239	4,953	1.509	1.386	1.625
39	JOURNAL OF COMPLEXITY	J COMPLEXITY	0885-064X	849	1.5	1.069	1.939
40	MATHEMATICS OF COMPUTATION	MATH COMPUT	0025-5718	6,390	1.491	1.42	1.564
41	ADVANCES IN COMPUTATIONAL MATHEMATICS	ADV COMPUT MATH	1019-7168	1,393	1.487	1.435	1.539
42	SIAM JOURNAL ON CONTROL AND OPTIMIZATION	SIAM J CONTROL OPTIM	0363-0129	5,456	1.463	1.263	1.776
43	SIAM JOURNAL ON APPLIED DYNAMICAL SYSTEMS	SIAM J APPL DYN SYST	1536-0040	902	1.439	1.244	1.731
44	COMMUNICATIONS IN NUMBER THEORY AND PHYSICS	COMMUN NUMBER THEORY	1931-4523	197	1.432	1.243	1.5
45	SIAM JOURNAL ON APPLIED MATHEMATICS	SIAM J APPL MATH	0036-1399	5,646	1.428	1.335	1.622
46	NUMERICAL ALGORITHMS	NUMER ALGORITHMS	1017-1398	1,533	1.417	1.255	1.43
47	ANALYSIS & PDE	ANAL PDE	1948-206X	260	1.414	1.345	1.676
48	MATHEMATICAL AND COMPUTER MODELLING	MATH COMPUT MODEL	0895-7177	5,751	1.412	1.412	1.588
49	SET-VALUED AND VARIATIONAL ANALYSIS	SET-VALUED VAR ANAL	1877-0533	183	1.379	1.242	1.259
50	ANNALES DE L INSTITUT HENRI POINCARÉ-ANALYSE NON LINEAIRE	ANN I H POINCARÉ-AN	0294-1449	1,931	1.341	1.33	1.809
51	APPLIED MATHEMATICS LETTERS	APPL MATH LETT	0893-9659	4,713	1.337	1.263	1.469
52	DISCRETE EVENT DYNAMIC SYSTEMS-THEORY AND APPLICATIONS	DISCRETE EVENT DYN S	0924-6703	352	1.333	1.25	1.202
53	NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS	NONLINEAR ANAL-THEOR	0362-546X	11,267	1.327	1.257	1.579
54	INVERSE PROBLEMS	INVERSE PROBL	0266-5611	5,005	1.323	0.962	1.95
55	NUMERICAL LINEAR ALGEBRA WITH APPLICATIONS	NUMER LINEAR ALGEBR	1070-5325	1,145	1.322	1.144	1.491
56	COMPUTATIONAL OPTIMIZATION AND APPLICATIONS	COMPUT OPTIM APPL	0926-6003	1,618	1.317	1.254	1.471
57	MATHEMATICS OF OPERATIONS RESEARCH	MATH OPER RES	0364-765X	2,770	1.307	1.24	1.585
58	JOURNAL OF GLOBAL OPTIMIZATION	J GLOBAL OPTIM	0925-5001	3,663	1.287	1.137	1.445
59	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS	J COMPUT APPL MATH	0377-0427	8,774	1.266	1.117	1.365

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60	SIAM JOURNAL ON MATHEMATICAL ANALYSIS	SIAM J MATH ANAL	0036-1410	4,226	1.265	1.169	1.569
61	ADVANCES IN NONLINEAR ANALYSIS	ADV NONLINEAR ANAL	2191-9496	42	1.258	1.258	1.258
62	STUDIES IN APPLIED MATHEMATICS	STUD APPL MATH	0022-2526	1,192	1.254	1.119	1.329
63	JOURNAL OF SPECTRAL THEORY	J SPECTR THEOR	1664-039X	75	1.231	1.179	1.207

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