

PERPUSTAKAAN UTM 2015
Categories: ENGINEERING, ELECTRICAL & ELECTRONIC
Quartiles: Q2 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	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	IEEE T VEH TECHNOL	0018-9545	9,390	1.978	1.724	2.483
2	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	MAT SCI SEMICON PROC	1369-8001	1,916	1.955	1.456	1.806
3	JOURNAL OF INFRARED MILLIMETER AND TERAHERTZ WAVES	J INFRARED MILLIM TE	1866-6892	804	1.942	1.596	1.298
4	IEEE TRANSACTIONS ON RELIABILITY	IEEE T RELIAB	0018-9529	3,270	1.934	1.612	2.186
5	IET RENEWABLE POWER GENERATION	IET RENEW POWER GEN	1752-1416	1,116	1.904	1.635	3.409
6	SENSORS AND ACTUATORS A PHYSICAL	SENSOR ACTUAT A-PHYS	0924-4247	13,143	1.903	1.677	2.052
7	IEEE TRANSACTIONS ON DEVICE AND MATERIALS RELIABILITY	IEEE T DEVICE MAT RE	1530-4388	1,475	1.89	1.575	1.888
8	IEEE JOURNAL OF QUANTUM ELECTRONICS	IEEE J QUANTUM ELECT	0018-9197	9,237	1.887	1.774	1.737
9	IEEE TRANSACTIONS ON BROADCASTING	IEEE T BROADCAST	0018-9316	1,602	1.825	1.112	2.108
9	IEEE TRANSACTIONS ON NANOTECHNOLOGY	IEEE T NANOTECHNOL	1536-125X	2,381	1.825	1.592	1.882
11	CONTROL ENGINEERING PRACTICE	CONTROL ENG PRACT	0967-0661	4,415	1.814	1.593	2.213
12	IEEE-ACM TRANSACTIONS ON NETWORKING	IEEE ACM T NETWORK	1063-6692	4,787	1.811	1.733	2.375
13	JOURNAL OF ELECTRONIC MATERIALS	J ELECTRON MATER	0361-5235	7,438	1.798	1.452	1.77
14	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	IEEE T INSTRUM MEAS	0018-9456	7,576	1.79	1.278	1.707
15	IEEE SENSORS JOURNAL	IEEE SENS J	1530-437X	6,154	1.762	1.523	1.901
16	IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS	IEEE T AERO ELEC SYS	0018-9251	7,070	1.757	1.523	2.053
17	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	IEEE T IND APPL	0093-9994	10,577	1.756	1.431	2.275
18	JOURNAL OF MICROELECTROMECHANICAL SYSTEMS	J MICROELECTROMECH S	1057-7157	5,347	1.754	1.477	2.07

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19	IEEE SIGNAL PROCESSING LETTERS	IEEE SIGNAL PROC LET	1070-9908	5,004	1.751	1.632	1.926
20	IEEE VEHICULAR TECHNOLOGY MAGAZINE	IEEE VEH TECHNOL MAG	1556-6072	437	1.75	1.632	1.669
21	ELECTRIC POWER SYSTEMS RESEARCH	ELECTR POW SYST RES	0378-7796	5,010	1.749	1.422	2.234
22	IEEE TRANSACTIONS ON POWER DELIVERY	IEEE T POWER DELIVER	0885-8977	10,791	1.733	1.409	2.178
23	JOURNAL OF MICROMECHANICS AND MICROENGINEERING	J MICROMECH MICROENG	0960-1317	8,862	1.731	1.521	1.906
24	MECHATRONICS	MECHATRONICS	0957-4158	2,367	1.726	1.538	2.052
25	IEEE MICROWAVE AND WIRELESS COMPONENTS LETTERS	IEEE MICROW WIREL CO	1531-1309	4,248	1.703	1.369	1.766
26	COMPUTER COMMUNICATIONS	COMPUT COMMUN	0140-3664	3,215	1.695	1.364	1.625
27	IET POWER ELECTRONICS	IET POWER ELECTRON	1755-4535	1,503	1.683	0.848	1.99
28	OPTO-ELECTRONICS REVIEW	OPTO-ELECTRON REV	1230-3402	681	1.667	1.452	1.162
29	IEEE TRANSACTIONS ON COMPUTERS	IEEE T COMPUT	0018-9340	5,706	1.659	1.496	1.768
30	IEEE ELECTRICAL INSULATION MAGAZINE	IEEE ELECTR INSUL M	0883-7554	824	1.643	1.529	1.873
31	MULTIDIMENSIONAL SYSTEMS AND SIGNAL PROCESSING	MULTIDIM SYST SIGN P	0923-6082	347	1.617	0.917	1.431
32	IEEE TRANSACTIONS ON SOFTWARE ENGINEERING	IEEE T SOFTWARE ENG	0098-5589	3,943	1.614	1.489	2.35
33	IEEE POWER & ENERGY MAGAZINE	IEEE POWER ENERGY M	1540-7977	985	1.593	1.531	2.327
34	IMAGE AND VISION COMPUTING	IMAGE VISION COMPUT	0262-8856	4,051	1.587	1.479	2.384
35	IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS	IEEE ANTENN WIREL PR	1536-1225	4,713	1.579	1.338	1.727
36	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	J MATER SCI-MATER EL	0957-4522	4,521	1.569	1.043	1.456
37	IEEE PERVASIVE COMPUTING	IEEE PERVAS COMPUT	1536-1268	1,367	1.545	1.53	2.698
38	COMPUTER VISION AND IMAGE UNDERSTANDING	COMPUT VIS IMAGE UND	1077-3142	3,662	1.54	1.428	1.848
39	IEEE JOURNAL ON EMERGING AND SELECTED TOPICS IN CIRCUITS AND SYSTEMS	IEEE J EM SEL TOP C	2156-3357	278	1.524	1.46	1.508
40	JOURNAL OF COMPUTATIONAL ELECTRONICS	J COMPUT ELECTRON	1569-8025	531	1.52	1.378	1.441

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41	IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL	IEEE T ULTRASON FERR	0885-3010	7,590	1.512	1.207	1.705
42	SOLID-STATE ELECTRONICS	SOLID STATE ELECTRON	0038-1101	6,757	1.504	1.398	1.481
43	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B	J VAC SCI TECHNOL B	1071-1023	9,961	1.464	1.292	1.188
44	SIGNAL PROCESSING-IMAGE COMMUNICATION	SIGNAL PROCESS-IMAGE	0923-5965	1,113	1.462	1.239	1.554
45	MICROELECTRONICS RELIABILITY	MICROELECTRON RELIAB	0026-2714	4,590	1.433	1.189	1.336
46	SIGNAL IMAGE AND VIDEO PROCESSING	SIGNAL IMAGE VIDEO P	1863-1703	457	1.43	0.873	1.335
47	JOURNAL OF MICRO-NANOLITHOGRAPHY MEMS AND MOEMS	J MICRO-NANOLITH MEM	1932-5150	692	1.428	1.209	1.083
48	IEEE TRANSACTIONS ON MAGNETICS	IEEE T MAGN	0018-9464	18,845	1.386	0.914	1.395
49	IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS	IEEE T VLSI SYST	1063-8210	2,911	1.356	1.163	1.403
50	IET GENERATION TRANSMISSION & DISTRIBUTION	IET GENER TRANSM DIS	1751-8687	1,638	1.353	1.041	1.866
51	MACHINE VISION AND APPLICATIONS	MACH VISION APPL	0932-8092	1,145	1.351	1.124	1.473
52	INTERNATIONAL JOURNAL OF ADAPTIVE CONTROL AND SIGNAL PROCESSING	INT J ADAPT CONTROL	0890-6327	1,063	1.346	1.256	1.477
52	MULTIMEDIA TOOLS AND APPLICATIONS	MULTIMED TOOLS APPL	1380-7501	1,343	1.346	0.983	1.374
54	IEEE ANTENNAS AND PROPAGATION MAGAZINE	IEEE ANTENN PROPAG M	1045-9243	1,788	1.319	1.157	1.357
55	INTERNATIONAL JOURNAL OF IMAGING SYSTEMS AND	INT J IMAG SYST TECH	0899-9457	551	1.301	1.055	1.076
56	OPTICAL FIBER TECHNOLOGY	OPT FIBER TECHNOL	1068-5200	1,024	1.3	1.232	1.327
57	IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY	IEEE T ELECTROMAGN C	0018-9375	2,944	1.297	0.7	1.499
58	IEEE TRANSACTIONS ON NUCLEAR SCIENCE	IEEE T NUCL SCI	0018-9499	10,640	1.283	0.796	1.378
59	IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION	IEEE T DIELECT EL IN	1070-9878	4,991	1.278	0.709	1.55
60	COMPUTER NETWORKS	COMPUT NETW	1389-1286	5,181	1.256	1.062	1.714
60	DIGITAL SIGNAL PROCESSING	DIGIT SIGNAL PROCESS	1051-2004	2,227	1.256	1.016	1.709

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62	INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	INT J CIRC THEOR APP	0098-9886	911	1.254	0.893	1.434

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