



IEL Newsletter

— 2019 年 7 月特刊：2018 年 IEEE 期刊影响因子及相关评价指标情况概览

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IEEE 成立于 1884 年，是全球最大的技术行业协会，凭借其多样化的出版物、会议、在线课程和开发标准，在激励未来几代人进行技术创新方面做出了巨大的贡献，其数据库产品 IEL（IEEE/IET Electronic Library）自 2001 年进入中国以来，为中国的学者和研究人员提供了世界领先的科技信息。

■ 影响因子、特征因子分值及论文影响分值的概念和介绍

影响因子（Impact Factor 简称 IF）是美国 ISI（科学信息研究所）的 JCR（Journal Citation Reports）中的一项数据，即某期刊前两年发表的论文在统计当年的被引用总次数除以该期刊前两年内发表的论文总数。它是一种测试期刊有用性和显示度的指标，也是测度期刊的学术水平，乃至论文质量的有效指标。

特征因子分值涵盖了前五年发表的文献在 JCR 统计当年的被引用次数，同时也统计了高被引期刊。特征因子分值越高，其学术影响力也越大。

论文影响分值代表了该期刊文献在出版后第一个五年内的平均影响。

IEEE 出版的 IEL 数据库蕴含当今科技领域权威的科研信息。IEL 在电子电气工程、通讯技术、计算机科学、人工智能、机器人、自动化控制和遥感领域的期刊影响因子、特征因子分值和论文影响分值都名列前茅。详情参见下表。

■ IEEE 期刊的影响因子在各个学科领域的排名情况

电气电子工程领域

Rank	Title
1	IEEE Transactions on Pattern Analysis and Machine Intelligence
2	IEEE Industrial Electronics Magazine
3	IEEE Transactions on Neural Networks and Learning Systems
4	IEEE Wireless Communications
5	Proceedings of the IEEE
6	IEEE Transactions on Smart Grid
7	IEEE Communications Magazine
8	IEEE Internet of Things Journal
9	IEEE Journal on Selected Areas in Communications
10	IEEE Transactions on Fuzzy Systems
11	IEEE Transactions on Medical Imaging
12	IEEE Transactions on Sustainable Energy
13	IEEE Signal Processing Magazine
14	IEEE Network
14	IEEE Transactions on Industrial Electronics

16	IEEE Transactions on Power Electronics
17	IEEE Transactions on Power Systems
18	IEEE Transactions on Image Processing
19	IEEE Journal of Selected Topics in Signal Processing
20	IEEE Transactions on Wireless Communication

电信领域

Rank	Title
1	IEEE Communications Surveys and Tutorials
2	IEEE Wireless Communications
3	IEEE Communications Magazine
4	IEEE Internet of Things Journal
5	IEEE Journal on Selected Areas in Communications
6	IEEE Network
7	IEEE Transactions on Wireless Communication
8	IEEE Vehicular Technology Magazine
9	IEEE Transactions on Communications
10	IEEE Transactions on Multimedia
11	IEEE Transactions on Vehicular technology
12	IEEE Transactions on Emerging Topics in Computing
13	IEEE Transactions on Mobile Computing
14	IEEE Systems Journal
15	IEEE Transactions on Antennas and Propagation

自动化控制领域

Rank	Title
1	IEEE Transactions on Cybernetics
2	IEEE Transactions on Industrial Electronics
3	IEEE Transactions on Industrial Informatics
4	IEEE Transactions on Systems, Man, and Cybernetics: Systems

计算机科学硬件结构领域

Rank	Title
1	IEEE Transactions on Neural Networks and Learning Systems
2	IEEE Wireless Communications
3	IEEE Network
4	IEEE Transactions on Dependable and Secure Computing

计算机科学人工智能领域

Rank	Title
1	IEEE Transactions on Pattern Analysis and Machine Intelligence
2	IEEE Transactions on Neural Networks and Learning Systems
4	IEEE Transactions on Cybernetics

计算机科学理论与方法领域

Rank	Title
1	IEEE Transactions on Neural Networks and Learning Systems
3	IEEE Transactions on Evolutionary Computation
5	IEEE Transactions on Information Forensics and Security

计算机科学信息系统领域

Rank	Title
1	IEEE Communications Surveys and Tutorials
2	IEEE Wireless Communications Magazine
3	IEEE Internet of Things Journal
4	IEEE Network
5	IEEE Transactions on Dependable and Secure Computing

计算机科学——跨学科应用领域

Rank	Title
3	IEEE Transactions on Medical Imaging
4	IEEE Transactions on Industrial Informatics

计算机科学控制论领域

Rank	Title
1	IEEE Transactions on Cybernetics
2	IEEE Transactions on Systems Man Cybernetics-Systems
3	IEEE Transactions on Affective Computing

计算机科学软件工程领域

Rank	Title
2	IEEE Transactions on Dependable and Secure Computing
3	IEEE Transactions on Services Computing
4	IEEE Transactions on Multimedia

影像科学和摄影技术领域

Rank	Title
1	IEEE Geoscience and Remote Sensing Magazine
3	IEEE Transactions on Medical Imaging
5	IEEE Transactions on Geoscience and Remote Sensing

工业工程领域

Rank	Title
1	IEEE Transactions on Industrial Informatics

仪器与仪表领域

Rank	Title
1	IEEE Transactions on Industrial Electronics

遥感技术领域

Rank	Title
1	IEEE Geoscience and Remote Sensing Magazine
4	IEEE Transactions on Geoscience and Remote Sensing

航空工程领域

Rank	Title
4	IEEE Transactions on Aerospace and Electronic Systems

生物工程领域

Rank	Title
5	IEEE Transactions on Medical Imaging

土木工程领域

Rank	Title
2	IEEE Transactions on Intelligent Transportation Systems

海洋工程领域

Rank	Title
3	IEEE Journal of Oceanic Engineering

医学信息领域

Rank	Title
4	IEEE Journal of Biomedical and Health Informatics

量子科学技术领域

Rank	Title
3	IEEE Journal of Selected Topics in Quantum Electronics

放射学、核医学和医学成像技术领域

Rank	Title
3	IEEE Transactions on Medical Imaging

机器人领域

Rank	Title
2	IEEE Transactions on Robotics

交通技术领域

Rank	Title
2	IEEE Vehicular Technology Magazine
4	IEEE Transactions on Intelligent Transportation Systems
5	IEEE Transactions on Vehicular Technology



■ IEEE 期刊影响因子、特征因子分值和论文影响分值一览 —— 据影响因子排名

IF Rank 2018	Journal Title	Abbreviated Journal Title	ISSN	{2018} Total Cites	Impact Factor	5-Year Impact Factor	Eigenfact or Score	Article Influence Score
1	IEEE Communications Surveys and Tutorials	IEEE COMMUN SURV TUT	1553-877X	16,408	22.973	25.222	0.039650	5.784
2	IEEE Transactions on Pattern Analysis and Machine Intelligence	IEEE T PATTERN ANAL	0162-8828	55,828	17.730	16.887	0.068820	5.315
3	IEEE Industrial Electronics Magazine	IEEE IND ELECTRON M	1932-4529	1,884	13.241	16.000	0.003880	3.868
4	IEEE Transactions on Neural Networks and Learning Systems	IEEE T NEUR NET LEAR	2162-237X	27,444	11.683	10.445	0.040220	2.709
5	IEEE Wireless Communications	IEEE WIREL COMMUN	1536-1284	7,804	11.000	10.145	0.017850	2.846
6	Proceedings of the IEEE	P IEEE	0018-9219	34,533	10.694	11.143	0.028250	3.432
7	IEEE Transactions on Smart Grid	IEEE T SMART GRID	1949-3053	22,572	10.486	10.607	0.043980	2.318
8	IEEE Transactions on Cybernetics	IEEE T CYBERNETICS	2168-2267	13,561	10.387	9.631	0.046070	2.691
9	IEEE Communications Magazine	IEEE COMMUN MAG	0163-6804	24,753	10.356	12.091	0.053730	3.070
10	IEEE Geoscience and Remote Sensing Magazine	IEEE GEOSC REM SEN M	2168-6831	952	9.659	10.283	0.003270	2.695
11	IEEE Internet of Things Journal	IEEE INTERNET THINGS	2327-4662	6,119	9.515	11.216	0.010690	1.844
12	IEEE Journal on Selected Areas in Communications	IEEE J SEL AREA COMM	0733-8716	20,299	9.302	9.242	0.046060	2.930
13	IEEE Transactions on Fuzzy Systems	IEEE T FUZZY SYST	1063-6706	15,574	8.759	9.438	0.018440	2.050
14	IEEE Transactions on Evolutionary Computation	IEEE T EVOLUT COMPUT	1089-778X	12,841	8.508	10.364	0.008690	2.262
15	IEEE Transactions on Medical Imaging	IEEE T MED IMAGING	0278-0062	19,545	7.816	6.525	0.024990	1.809
16	IEEE Transactions on Sustainable Energy	IEEE T SUSTAIN ENERG	1949-3029	8,780	7.650	8.713	0.022410	2.203
17	IEEE Signal Processing Magazine	IEEE SIGNAL PROC MAG	1053-5888	12,072	7.602	12.704	0.016800	4.226
18	IEEE Network	IEEE NETWORK	0890-8044	4,228	7.503	7.344	0.008690	1.871
18	IEEE Transactions on Industrial Electronics	IEEE T IND ELECTRON	0278-0046	61,342	7.503	8.459	0.100630	2.035



20	IEEE Transactions on Industrial Informatics	IEEE T IND INFORM	1551-3203	13,187	7.377	8.423	0.028790	1.886
21	IEEE Transactions on Systems Man Cybernetics-Systems	IEEE T SYST MAN CY-S	2168-2216	9,525	7.351	6.149	0.015440	1.459
22	IEEE Transactions on Power Electronics	IEEE T POWER ELECTR	0885-8993	52,702	7.224	8.446	0.074470	1.690
23	IEEE Transactions on Power Systems	IEEE T POWER SYST	0885-8950	44,737	6.807	8.143	0.051280	1.746
24	IEEE Transactions on Image Processing	IEEE T IMAGE PROCESS	1057-7149	40,201	6.790	7.251	0.061450	2.114
25	IEEE Journal of Selected Topics in Signal Processing	IEEE J-STSP	1932-4553	6,560	6.688	7.015	0.017500	2.528
26	IEEE Transactions on Robotics	IEEE T ROBOT	1552-3098	15,859	6.483	7.038	0.012930	1.613
27	IEEE Transactions on Dependable and Secure Computing	IEEE T DEPEND SECURE	1545-5971	2,439	6.404	5.172	0.003430	1.145
28	IEEE Transactions on Wireless Communications	IEEE T WIREL COMMUN	1536-1276	29,218	6.394	6.019	0.058380	1.538
29	IEEE Transactions on Affective Computing	IEEE T AFFECT COMPUT	1949-3045	1,943	6.288	6.497	0.002970	1.271
30	IEEE Control Systems Magazine	IEEE CONTR SYST MAG	1066-033X	4,282	6.228	6.813	0.003780	2.137
31	IEEE Transactions on Information Forensics and Security	IEEE T INF FOREN SEC	1556-6013	9,811	6.211	6.398	0.019520	1.495
32	IEEE Vehicular Technology Magazine	IEEE VEH TECHNOL MAG	1556-6072	1,331	6.145	6.232	0.003360	1.795
33	IEEE Journal of Emerging and Selected Topics in Power Electronics	IEEE J EM SEL TOP P	2168-6777	3,904	5.972	7.043	0.013380	1.905
34	IEEE Transactions on Cloud Computing	IEEE T CLOUD COMPUT	2168-7161	1,686	5.967	Not Available	0.003810	Not Available
35	IEEE Computational Intelligence Magazine	IEEE COMPUT INTELL M	1556-603X	1,333	5.857	6.644	0.001850	1.614
36	IEEE Transactions on Intelligent Transportation Systems	IEEE T INTELL TRANSP	1524-9050	13,098	5.744	6.064	0.021070	1.221
37	IEEE Transactions on Services Computing	IEEE T SERV COMPUT	1939-1374	2,379	5.707	5.172	0.004390	1.058
38	IEEE Transactions on Communications	IEEE T COMMUN	0090-6778	21,149	5.690	5.151	0.038700	1.461



39	IEEE Transactions on Geoscience and Remote Sensing	IEEE T GEOSCI REMOTE	0196-2892	43,741	5.630	5.786	0.046970	1.313
40	IEEE Transactions on Multimedia	IEEE T MULTIMEDIA	1520-9210	8,222	5.452	5.551	0.019830	1.552
41	IEEE Transactions on Control Systems Technology	IEEE T CONTR SYST T	1063-6536	13,739	5.371	5.715	0.022280	1.538
42	IEEE Transactions on Vehicular Technology	IEEE T VEH TECHNOL	0018-9545	26,445	5.339	4.864	0.046570	1.094
43	IEEE Transactions on Transportation Electrification	IEEE T TRANSP ELECTR	2332-7782	1,127	5.270	6.204	0.002510	1.176
44	IEEE Transactions on Signal Processing	IEEE T SIGNAL PROCES	1053-587X	40,339	5.230	5.492	0.054730	1.688
45	IEEE Transactions on Automation Science and Engineering	IEEE T AUTOM SCI ENG	1545-5955	5,165	5.224	5.293	0.010400	1.227
46	IEEE Journal of Solid-State Circuits	IEEE J SOLID-STATE CIRC	0018-9200	21,488	5.173	5.710	0.024190	1.420
47	IEEE Transactions on Automatic Control	IEEE T AUTOMAT CONTR	0018-9286	47,987	5.093	5.816	0.062010	2.116
48	IEEE Transactions on Emerging Topics in Computing	IEEE T EMERG TOP COM	2168-6750	1,288	4.989	5.245	0.003260	1.187
49	IEEE-ASME TRANSACTIONS ON MECHATRONICS	IEEE-ASME T MECH	1083-4435	10,578	4.943	5.152	0.018620	1.142
50	IEEE Transactions on Control of Network Systems	IEEE T CONTROL NETW	2325-5870	1,347	4.802	Not Available	0.006500	Not Available
51	IEEE Power & Energy Magazine	IEEE POWER ENERGY M	1540-7977	2,292	4.800	4.370	0.003180	1.144
52	IEEE Transactions on Software Engineering	IEEE T SOFTWARE ENG	0098-5589	7,085	4.778	4.914	0.006180	1.393
53	IEEE Transactions on Network and Service Management	IEEE T NETW SERV MAN	1932-4537	1,449	4.682	4.181	0.002910	0.831
54	IEEE Journal of Selected Topics in Quantum Electronics	IEEE J SEL TOP QUANT	1077-260X	10,758	4.681	4.122	0.015790	1.077
55	IEEE Transactions on Energy Conversion	IEEE T ENERGY CONVER	0885-8969	12,255	4.614	5.221	0.012970	1.386



56	IEEE Transactions on Computational Imaging	IEEE T COMPUT IMAG	2333-9403	692	4.546	Not Available	0.003210	Not Available
57	IEEE Transactions on Biomedical Engineering	IEEE T BIO-MED ENG	0018-9294	23,794	4.491	4.559	0.021670	1.070
58	IEEE Circuits and Systems Magazine	IEEE CIRC SYST MAG	1531-636X	977	4.481	4.743	0.001310	1.420
59	IEEE Transactions on Mobile Computing	IEEE T MOBILE COMPUT	1536-1233	8,469	4.474	4.500	0.014480	1.031
60	IEEE Intelligent Systems	IEEE INTELL SYST	1541-1672	3,053	4.464	4.578	0.003620	1.073
61	IEEE Systems Journal	IEEE SYST J	1932-8184	4,736	4.463	4.366	0.008670	0.878
62	IEEE Transactions on Antennas and Propagation	IEEE T ANTENN PROPAG	0018-926X	41,688	4.435	4.393	0.047980	0.956
63	IEEE Transactions on Power Delivery	IEEE T POWER DELIVER	0885-8977	23,304	4.415	4.695	0.021310	1.093
64	IEEE Cloud Computing	IEEE CLOUD COMPUT	2325-6095	670	4.393	Not Available	0.001460	Not Available
65	IEEE Transactions on Broadcasting	IEEE T BROADCAST	0018-9316	2,606	4.374	3.656	0.003790	0.830
66	IEEE Transactions on Biomedical Circuits and Systems	IEEE T BIOMED CIRC S	1932-4545	3,380	4.252	4.233	0.006910	1.090
67	IEEE Robotics & Automation Magazine	IEEE ROBOT AUTOM MAG	1070-9932	3,455	4.250	4.816	0.003130	1.151
68	IEEE Journal of Biomedical and Health Informatics	IEEE J BIOMED HEALTH	2168-2194	4,082	4.217	4.390	0.010320	0.904
69	Journal of Lightwave Technology	J LIGHTWAVE TECHNOL	0733-8724	24,277	4.162	3.673	0.032060	0.794
70	IEEE Access	IEEE ACCESS	2169-3536	20,879	4.098	4.540	0.039220	0.835
71	IEEE Transactions on Circuits and Systems for Video Technology	IEEE T CIRC SYST VID	1051-8215	10,007	4.046	4.682	0.016270	1.369
72	Bell Labs Technical Journal	BELL LABS TECH J	1089-7089	563	4.000	3.101	0.000740	0.819
73	IEEE Transactions on Circuits and Systems I- Regular Papers	IEEE T CIRCUITS-I	1549-8328	14,168	3.934	3.907	0.021840	1.179
74	IEEE Transactions on Knowledge and Data Engineering	IEEE T KNOWL DATA EN	1041-4347	12,124	3.857	4.561	0.018650	1.266
75	IEEE Pervasive Computing	IEEE PERVAS COMPUT	1536-1268	2,247	3.813	4.123	0.001620	0.947
76	IEEE Antennas and Propagation Magazine	IEEE ANTENN PROPAG M	1045-9243	3,505	3.804	2.707	0.004800	0.872



77	IEEE Transactions on Visualization and Computer Graphics	IEEE T VIS COMPUT GR	1077-2626	9,195	3.780	3.756	0.016000	1.131
78	IEEE Transactions on Microwave Theory and Techniques	IEEE T MICROW THEORY	0018-9480	25,821	3.756	3.864	0.032050	1.102
79	IEEE Electron Device Letters	IEEE ELECTR DEVICE L	0741-3106	14,904	3.753	3.180	0.020200	0.732
80	IEEE-ACM T Transactions on Networking	IEEE ACM T NETWORK	1063-6692	7,956	3.597	3.798	0.016700	1.270
81	Computer	COMPUTER	0018-9162	7,260	3.564	2.833	0.005380	0.689
82	IEEE MultiMedia	IEEE MULTIMEDIA	1070-986X	1,008	3.556	2.493	0.001450	0.745
83	IEEE Wireless Communications Letters	IEEE WIREL COMMUN LE	2162-2337	3,436	3.546	3.234	0.010820	0.929
84	IEEE Geoscience and Remote Sensing Letters	IEEE GEOSCI REMOTE S	1545-598X	12,217	3.534	3.484	0.023700	0.830
85	IEEE-ACM Transactions on Audio Speech and Language Processing	IEEE-ACM T AUDIO SPE	2329-9290	3,110	3.531	3.918	0.006820	0.691
86	IEEE Antennas and Wireless Propagation Letters	IEEE ANTENN WIREL PR	1536-1225	14,810	3.510	3.517	0.031730	0.921
87	IEEE Transactions on Neural Systems and Rehabilitation Engineering	IEEE T NEUR SYS REH	1534-4320	6,548	3.478	4.068	0.008600	0.904
88	IEEE Communications Letters	IEEE COMMUN LETT	1089-7798	13,624	3.457	2.900	0.028480	0.718
89	IEEE Journal on Emerging and Selected Topics in Circuits and Systems	IEEE J EM SEL TOP C	2156-3357	1,381	3.433	4.024	0.004020	1.200
90	IEEE Transactions on Parallel and Distributed Systems	IEEE T PARALL DISTR	1045-9219	9,658	3.402	4.366	0.019620	1.108
91	IEEE Journal of Photovoltaics	IEEE J PHOTOVOLT	2156-3381	4,887	3.398	3.473	0.011360	0.721
92	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	IEEE J-STARS	1939-1404	9,671	3.392	3.646	0.024920	0.886
93	IEEE Transactions on Industry Applications	IEEE T IND APPL	0093-9994	23,879	3.347	3.839	0.029970	0.942
94	IEEE Transactions on Human-Machine Systems	IEEE T HUM-MACH SYST	2168-2291	1,269	3.332	3.221	0.003630	0.716



95	IEEE Intelligent Transportation Systems Magazine	IEEE INTEL TRANSP SY	1939-1390	839	3.294	4.095	0.001660	0.859
96	IEEE Consumer Electronics Magazine	IEEE CONSUM ELECTR M	2162-2248	636	3.273	2.336	0.000960	0.332
97	IEEE Signal Processing Letters	IEEE SIGNAL PROC LET	1070-9908	11,570	3.268	3.506	0.024940	1.037
98	IEEE Transactions on Circuits and Systems II-Express Briefs	IEEE T CIRCUITS-II	1549-7747	7,784	3.250	2.924	0.012100	0.809
99	IEEE Transactions on Information Theory	IEEE T INFORM THEORY	0018-9448	40,105	3.215	3.409	0.039940	1.241
100	IEEE Transactions on Signal and Information Processing over Networks	IEEE T SIGNAL INF PR	2373-776X	518	3.153	Not Available	0.001990	Not Available
101	IEEE Transactions on Computers	IEEE T COMPUT	0018-9340	9,931	3.131	3.237	0.014870	0.941
102	IEEE Sensors Journal	IEEE SENS J	1530-437X	18,838	3.076	3.115	0.029330	0.557
103	IEEE Transactions on Instrumentation and Measurement	IEEE T INSTRUM MEAS	0018-9456	13,459	3.067	2.980	0.014090	0.618
104	IEEE Transactions on Terahertz Science and Technology	IEEE T THZ SCI TECHN	2156-342X	2,306	3.030	3.107	0.005260	0.779
105	IEEE Design & Test	IEEE DES TEST	2168-2356	1,384	3.022	2.113	0.001510	0.519
106	IEEE Spectrum	IEEE SPECTRUM	0018-9235	1,891	3.015	2.053	0.002400	0.510
107	IEEE Transactions on Ultrasonics Ferroelectrics and Frequency Control	IEEE T ULTRASON FERR	0885-3010	11,266	2.989	2.959	0.008940	0.646
108	IEEE Microwave Magazine	IEEE MICROW MAG	1527-3342	2,152	2.949	3.471	0.004200	1.041
109	IEEE Software	IEEE SOFTWARE	0740-7459	3,059	2.945	2.889	0.002940	0.668
110	IEEE-ACM Transactions on Computational Biology and Bioinformatics	IEEE ACM T COMPUT BI	1545-5963	2,781	2.896	2.344	0.005850	0.707
111	IEEE Internet Computing	IEEE INTERNET COMPUT	1089-7801	2,465	2.891	2.445	0.002390	0.606
112	IEEE Transactions on Reliability	IEEE T RELIAB	0018-9529	5,313	2.888	3.304	0.006300	0.919
113	IEEE Transactions on Aerospace and Electronic Systems	IEEE T AERO ELEC SYS	0018-9251	12,904	2.797	3.082	0.013030	0.839



114	IEEE Transactions on Haptics	IEEE T HAPTICS	1939-1412	1,251	2.757	3.134	0.001950	0.599
115	IEEE Transactions on Cognitive and Developmental Systems	IEEE T COGN DEV SYST	2379-8920	221	2.755	2.776	0.000300	0.478
116	IEEE Journal of Quantum Electronics	IEEE J QUANTUM ELECT	0018-9197	9,601	2.753	2.150	0.003920	0.537
117	IEEE Photonics Journal	IEEE PHOTONICS J	1943-0655	7,148	2.729	2.759	0.016550	0.611
118	IEEE Transactions on Electron Devices	IEEE T ELECTRON DEV	0018-9383	23,686	2.704	2.722	0.025130	0.564
119	Journal of Microelectromechanical Systems	J MICROELECTR OMECH S	1057-7157	6,829	2.621	2.304	0.005140	0.466
120	IEEE Micro	IEEE MICRO	0272-1732	1,798	2.570	2.439	0.002160	0.774
121	IEEE Journal of Oceanic Engineering	IEEE J OCEANIC ENG	0364-9059	4,355	2.567	3.033	0.003390	0.660
122	IEEE Photonics Technology Letters	IEEE PHOTONIC TECH L	1041-1135	17,578	2.553	2.312	0.021810	0.520
123	IT Professional	IT PROF	1520-9202	761	2.424	2.454	0.001230	0.511
124	IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems	IEEE T COMPUT AID D	0278-0070	5,222	2.402	2.300	0.007060	0.636
125	IEEE Microwave and Wireless Components Letters	IEEE MICROW WIREL CO	1531-1309	7,642	2.374	2.409	0.014440	0.726
126	IEEE Transactions on Learning Technologies	IEEE T LEARN TECHNOL	1939-1382	868	2.315	3.213	0.001020	0.473
127	IEEE Transactions on Nanotechnology	IEEE T NANOTECHNO L	1536-125X	3,531	2.292	2.276	0.004840	0.497
128	IEEE Transactions on Electromagnetic Compatibility	IEEE T ELECTROMAGN C	0018-9375	5,738	2.274	2.167	0.005340	0.400
129	IEEE Transactions on Education	IEEE T EDUC	0018-9359	1,591	2.214	2.617	0.000980	0.380
130	IEEE Transactions on Dielectrics and Electrical Insulation	IEEE T DIELECT EL IN	1070-9878	11,099	2.135	2.324	0.008730	0.347
131	IEEE Aerospace and Electronic Systems Magazine	IEEE AERO EL SYS MAG	0885-8985	1,381	2.113	1.811	0.001620	0.448



132	IEEE Transactions on Consumer Electronics	IEEE T CONSUM ELECTR	0098-3063	4,064	2.083	2.000	0.001950	0.362
133	IEEE Journal of Translational Engineering in Health and Medicine-JTEHM	IEEE J TRANSL ENG HE	2168-2372	372	2.075	Not Available	0.001040	Not Available
134	IEEE Journal of the Electron Devices Society	IEEE J ELECTRON DEVI	2168-6734	884	2.000	3.035	0.002590	0.764
135	IEEE Electrical Insulation Magazine	IEEE ELECTR INSUL M	0883-7554	1,975	1.983	3.171	0.001570	0.783
136	IEEE Transactions on Very Large Scale Integration (VLSI) Systems	IEEE T VLSI SYST	1063-8210	5,703	1.946	1.964	0.011050	0.554
137	IEEE Transactions on NanoBioscience	IEEE T NANOBIOSCI	1536-1241	1,450	1.927	2.144	0.002640	0.506
138	Computing in Science & Engineering	COMPUT SCI ENG	1521-9615	4,372	1.879	3.198	0.003710	1.162
139	IEEE Transactions on Engineering Management	IEEE T ENG MANAGE	0018-9391	2,850	1.867	2.268	0.001640	0.491
140	IEEE Transactions on Components Packaging and Manufacturing Technology	IEEE T COMP PACK MAN	2156-3950	5,550	1.860	1.768	0.006560	0.453
141	IEEE Computer Graphics and Applications	IEEE COMPUT GRAPH	0272-1716	2,631	1.725	2.028	0.001560	0.562
142	IEEE Transactions on Applied Superconductivity	IEEE T APPL SUPERCON	1051-8223	10,632	1.692	1.457	0.013870	0.276
143	IEEE Magnetics Letters	IEEE MAGN LETT	1949-307X	622	1.672	1.769	0.002200	0.595
144	IEEE Transactions on Magnetics	IEEE T MAGN	0018-9464	26,308	1.651	1.588	0.025790	0.361
145	IEEE Security & Privacy	IEEE SECUR PRIV	1540-7993	1,647	1.596	1.784	0.001770	0.474
146	IEEE Transactions on Device and Materials Reliability	IEEE T DEVICE MAT RE	1530-4388	1,842	1.583	1.663	0.002520	0.397
147	Canadian Journal of Electrical and Computer Engineering	CAN J ELECT COMPUT E	0840-8688	312	1.530	1.545	0.000610	0.325
148	IEEE Embedded Systems Letters	IEEE EMBED SYST LETT	1943-0663	298	1.500	Not Available	0.000990	Not Available
149	IEEE Transactions on Nuclear Science	IEEE T NUCL SCI	0018-9499	12,399	1.428	1.455	0.010290	0.343



150	IEEE Industry Applications Magazine	IEEE IND APPL MAG	1077-2618	943	1.373	1.294	0.000950	0.333
151	IEEE Transactions on Plasma Science	IEEE T PLASMA SCI	0093-3813	9,924	1.325	1.158	0.010830	0.295
152	IEEE Computer Architecture Letters	IEEE COMPUT ARCHIT L	1556-6056	399	1.149	1.503	0.000910	0.442
153	IEEE Transactions on Professional Communication	IEEE T PROF COMMUN	0361-1434	562	1.143	2.085	0.000540	0.390
154	IEEE Transactions on Semiconductor Manufacturing	IEEE T SEMICONDUCT M	0894-6507	1,546	1.140	1.335	0.001110	0.260
155	IEEE Transactions on Computational Intelligence and AI in Games	IEEE T COMP INTEL AI	1943-068X	565	1.056	1.747	0.000480	0.226
156	IEEE Instrumentation & Measurement Magazine	IEEE INSTRU MEAS MAG	1094-6969	607	1.024	1.338	0.000800	0.314
157	IEEE Technology and Society Magazine	IEEE TECHNOL SOC MAG	0278-0097	343	1.022	1.047	0.000560	0.337
158	IEEE Latin America Transactions	IEEE LAT AM T	1548-0992	1,597	0.804	0.693	0.001990	0.080
159	IEEE Pulse	IEEE PULSE	2154-2287	305	0.662	0.708	0.000620	0.176
160	IEEE Annals of the History of Computing	IEEE ANN HIST COMPUT	1058-6180	273	0.531	0.510	0.000400	0.304

* 数据来自 2019 年 6 月公布的 2018 年 JCR 期刊引证报告

