

Rank	Full Journal Title	JCR (2016)	JCR (2017)	JCR (2018)	JCR (2019)	JCR (2020)	JCR (2021)	Quartile
1	IEEE Communications Surveys and Tutorials	17.188	20.230	22.973	23.700	25.249	33.840	Q1
2	IEEE Signal Processing Magazine						15.204	
3	Proceedings of the IEEE						14.910	
4	IEEE Vehicular Technology Magazine	4.429	6.038	6.145	7.921	10.384	13.609	
5	IEEE Journal on Selected Areas in Communications	8.085	7.172	9.302	11.420	9.144	13.081	
6	IEEE Wireless Communications	8.972	9.202	11.000	11.391	11.979	12.777	
7	IEEE Network	7.230	7.197	7.503	8.808	10.693	10.294	
8	IEEE Internet of Things Journal	7.596	5.863	9.515	9.936	9.471	10.238	
9	IEEE Communications Magazine	10.435	9.270	10.356	11.052	9.619	9.030	
10	Vehicular Communications	5.108	3.289	3.530	4.706	6.910	8.373	
11	IEEE Transactions on Wireless Communications	4.951	5.888	6.394	6.779	7.016	8.346	
12	IEEE Transactions on Multimedia	3.509	3.977	5.452	6.051	6.513	8.182	
13	IEEE Journal of Selected Topics in Signal Processing						7.695	
14	IEEE Transactions on Information Forensics and Security						7.231	
15	IEEE Transactions on Emerging Topics in Computing	3.826	3.626	4.989	6.043	7.691	6.595	
16	IEEE TRANSACTIONS ON COGNITIVE COMMUNICATIONS AND NETWORKING				4.574	4.341	6.359	
17	Internet Research	2.931	3.838	4.109	4.708	6.773	6.353	
18	DIGITAL COMMUNICATIONS AND NETWORKS				5.382	6.797	6.348	
19	IEEE Transactions on Vehicular Technology	4.066	4.432	5.339	5.379	5.978	6.239	
20	IEEE Transactions on Communications	4.058	4.671	5.690	5.646	5.083	6.166	
21	IEEE Transactions on Mobile Computing	3.822	4.098	4.474	5.112	5.577	6.075	
22	Progress in Electromagnetics Research-PIER	2.404	2.874	2.322	1.898	2.949	6.000	
23	Internet of Things						5.711	
24	Computer Networks	2.516	2.522	3.030	3.111	4.474	5.493	
25	IEEE Transactions on Instrumentation and Measurement						5.332	
26	IEEE Wireless Communications Letters	2.449	3.096	3.546	4.660	4.348	5.281	
27	IEEE TRANSACTIONS ON BROADCASTING	3.765	3.909	4.374	3.419	3.863	5.194	
28	COMPUTER COMMUNICATIONS	3.338	2.613	2.766	2.816	3.167	5.047	
29	IEEE Transactions on Sustainable Computing						4.908	
30	IEEE Transactions on Signal Processing						4.875	
31	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	2.957	4.130	4.435	4.371	4.388	4.824	
32	Ad Hoc Networks	3.047	3.151	3.490	3.643	4.111	4.816	
33	IEEE Systems Journal	3.882	4.337	4.463	3.987	3.931	4.802	
34	ICT EXPRESS					4.317	4.754	
35	Journal of Optical Communications and Networking	2.261	2.742	3.093	3.425	3.984	4.508	
36	TELECOMMUNICATIONS POLICY	1.526	2.087	2.000	2.224	3.036	4.497	
37	JOURNAL OF LIGHTWAVE TECHNOLOGY	3.671	3.652	4.162	4.288	4.142	4.439	
38	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	1.694	1.802	2.083	2.739	2.947	4.414	
39	IEEE Consumer Electronics Magazine	1.153	1.434	3.273	4.016	3.789	4.135	
40	JOURNAL OF COMMUNICATIONS AND NETWORKS	1.130	1.252	1.632	1.733	3.240	3.908	
41	Pervasive and Mobile Computing	2.349	2.974	2.769	2.725	3.453	3.848	
42	IEEE Antennas and Wireless Propagation Letters	2.533	3.448	3.510	3.726	3.834	3.825	
43	IEEE-ACM TRANSACTIONS ON NETWORKING	3.376	3.110	3.597	3.315	3.560	3.796	
44	Journal of Ambient Intelligence and Humanized Computing	1.588	1.423	1.910	4.594	7.104	3.662	
45	IEEE COMMUNICATIONS LETTERS	1.988	2.723	3.457	3.419	3.436	3.553	
46	IEEE Transactions on Green Communications and Networking						3.525	
47	IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS	1.975	2.063	2.797	3.672	4.102	3.491	
48	Peer-to-Peer Networking and Applications	1.262	1.514	2.397	2.793	3.307	3.488	
49	IEEE Access	3.244	3.557	4.098	3.745	3.367	3.476	
50	Transactions on Emerging Telecommunications Technologies	1.535	1.606	1.258	1.594	2.638	3.310	
51	IEEE Transactions on Signal and Information Processing over Networks			3.153	3.153	3.664	3.301	
52	IEEE Signal Processing Letters						3.201	
53	IEEE ANTENNAS AND PROPAGATION MAGAZINE	1.747	3.007	3.804	3.765	2.593	3.179	
54	China Communications	0.903	1.514	1.882	2.024	2.688	3.170	
55	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	1.147	2.115	2.853	2.924	3.183	3.169	
56	MOBILE NETWORKS & APPLICATIONS	3.259	2.497	2.390	2.602	3.426	3.077	
57	IEEE MICROWAVE MAGAZINE	3.029	2.962	2.949	2.928	2.714	3.062	
58	OPTICAL FIBER TECHNOLOGY	1.678	1.350	1.824	2.212	2.530	2.800	
59	Nano Communication Networks	2.769	2.070	2.250	2.621	2.947	2.783	
60	Journal of Ambient Intelligence and Smart Environments	0.809	0.878	1.186	1.595	2.105	2.759	
61	WIRELESS NETWORKS	1.584	1.981	2.405	2.659	2.602	2.701	
62	IT Professional	1.661	1.618	2.424	3.700	2.626	2.590	
63	ACM Transactions on Sensor Networks	2.322	2.313	2.507	2.469	2.253	2.560	
64	EURASIP Journal on Wireless Communications and Networking	1.529	2.407	1.592	1.408	2.455	2.559	
65	Navigation-Journal of the Institute of Navigation	1.604	1.322	1.629	1.700	2.080	2.472	
66	Physical Communication	1.583	1.522	1.451	1.594	1.810	2.379	
67	TELECOMMUNICATION SYSTEMS	1.542	1.527	1.707	1.734	2.314	2.336	
68	Journal of Network and Systems Management	1.588	1.750	1.676	2.250	2.026	2.198	
69	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	1.899	0.869	1.396	1.819	2.336	2.146	
70	IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY	1.658	1.520	2.274	1.882	2.006	2.036	
71	WIRELESS PERSONAL COMMUNICATIONS	0.951	1.200	0.929	1.061	1.671	2.017	
72	Security and Communication Networks	1.067	0.904	1.376	1.288	1.791	1.968	

73	International Journal of Distributed Sensor Networks	1.239	1.787	1.614	1.151	1.640	1.938	
74	IETE TECHNICAL REVIEW	1.330	1.339	1.618	1.845	2.200	1.932	
75	International Journal of Network Management	1.118	1.340	1.231	1.338	1.712	1.914	
76	Annals of Telecommunications	1.412	1.168	1.552	1.546	1.444	1.901	
77	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	1.066	1.717	1.278	1.319	2.047	1.882	Q4
78	IETE JOURNAL OF RESEARCH	0.909	0.829	0.793	1.125	2.333	1.877	
79	Mobile Information Systems	0.849	0.958	1.635	1.508	1.802	1.863	
80	Optical Switching and Networking	1.865	1.113	1.353	2.577	2.786	1.828	
81	IET Microwaves Antennas & Propagation	1.187	1.739	2.036	1.972	2.016	1.824	
82	PHOTONIC NETWORK COMMUNICATIONS	1.210	1.203	1.328	1.750	2.028	1.768	
83	IET Optoelectronics	1.165	1.506	1.667	1.742	1.636	1.691	
84	RADIO SCIENCE	1.581	1.418	1.658	1.305	1.431	1.678	
85	ETRI JOURNAL	1.116	0.739	0.861	1.094	1.347	1.622	
86	IEEE PERSVASIVE COMPUTING	3.250	3.022	3.813	4.418	3.175	1.603	
87	IET Radar Sonar and Navigation	1.509	1.837	2.015	1.908	1.955	1.596	
88	INTERNATIONAL JOURNAL OF SATELLITE COMMUNICATIONS AND NETWORKING	1.079	1.368	1.633	1.652	1.617	1.348	
89	International Journal of Sensor Networks	0.635	0.878	1.289	1.428	1.302	1.264	
90	International Journal of Antennas and Propagation	1.164	1.378	1.347	1.207	1.174	1.244	
91	Journal of Internet Technology	1.930	1.301	0.715	0.786	1.005	1.140	
92	International Journal of Microwave and Wireless Technologies	0.976	0.745	0.703	0.939	1.064	1.090	
93	KSII Transactions on Internet and Information Systems	0.452	0.611	0.711	0.648	0.858	0.972	
94	International Journal of Ad Hoc and Ubiquitous Computing	0.705	0.648	0.560	0.714	0.654	0.773	
95	IEICE TRANSACTIONS ON COMMUNICATIONS	0.827	1.090	0.580	0.614	0.525	0.598	
96	JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS	0.446	0.431	0.510	0.483	0.529	0.495	
97	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	0.444	0.590	0.584	0.680	0.724	0.414	
98	Ad Hoc & Sensor Wireless Networks	1.034	0.753	0.948	0.851	1.013	0.400	
99	MICROWAVE JOURNAL	0.258	0.212	0.350	0.247	0.306	0.384	
100	BELL LABS TECHNICAL JOURNAL			4.000	0.000	0.333	0.000	
101	IEEE Transactions on Machine Learning in Communications and Networking							