

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 Vehicular Technology Magazine	4,429	6,038	6,145	7,921	10,384	13,609	
3	IEEE Journal on Selected Areas in Communications	8,085	7,172	9,302	11,420	9,144	13,081	
4	IEEE Wireless Communications	8,972	9,202	11,000	11,391	11,979	12,777	
5	IEEE Network	7,230	7,197	7,503	8,808	10,693	10,294	
6	IEEE Internet of Things Journal	7,596	5,863	9,515	9,936	9,471	10,238	
7	IEEE Communications Magazine	10,435	9,270	10,356	11,052	9,619	9,030	
8	Vehicular Communications	5,108	3,289	3,530	4,706	6,910	8,373	
9	IEEE Transactions on Wireless Communications	4,951	5,888	6,394	6,779	7,016	8,346	
10	IEEE Transactions on Multimedia	3,509	3,977	5,452	6,051	6,513	8,182	
11	IEEE Transactions on Emerging Topics in Computing	3,826	3,626	4,989	6,043	7,691	6,595	
12	IEEE TRANSACTIONS ON COGNITIVE COMMUNICATIONS AND NETWORKING				4,574	4,341	6,359	
13	Internet Research	2,931	3,838	4,109	4,708	6,773	6,353	
14	DIGITAL COMMUNICATIONS AND NETWORKS				5,382	6,797	6,348	
15	IEEE Transactions on Vehicular Technology	4,066	4,432	5,339	5,379	5,978	6,239	
16	IEEE Transactions on Communications	4,058	4,671	5,690	5,646	5,083	6,166	
17	IEEE Transactions on Mobile Computing	3,822	4,098	4,474	5,112	5,577	6,075	
18	Progress in Electromagnetics Research-PIER	2,404	2,874	2,322	1,898	2,949	6,000	
19	Internet of Things						5,711	
20	Computer Networks	2,516	2,522	3,030	3,111	4,474	5,493	
21	IEEE Wireless Communications Letters	2,449	3,096	3,546	4,660	4,348	5,281	
22	IEEE TRANSACTIONS ON BROADCASTING	3,765	3,909	4,374	3,419	3,863	5,194	
23	COMPUTER COMMUNICATIONS	3,338	2,613	2,766	2,816	3,167	5,047	
24	IEEE Transactions on Sustainable Computing						4,908	
25	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	2,957	4,130	4,435	4,371	4,388	4,824	
26	Ad Hoc Networks	3,047	3,151	3,490	3,643	4,111	4,816	
27	IEEE Systems Journal	3,882	4,337	4,463	3,987	3,931	4,802	
28	ICT EXPRESS					4,317	4,754	
29	Journal of Optical Communications and Networking	2,261	2,742	3,093	3,425	3,984	4,508	
30	TELECOMMUNICATIONS POLICY	1,526	2,087	2,000	2,224	3,036	4,497	
31	JOURNAL OF LIGHTWAVE TECHNOLOGY	3,671	3,652	4,162	4,288	4,142	4,439	
32	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS	1,694	1,802	2,083	2,739	2,947	4,414	
33	IEEE Consumer Electronics Magazine	1,153	1,434	3,273	4,016	3,789	4,135	
34	JOURNAL OF COMMUNICATIONS AND NETWORKS	1,130	1,252	1,632	1,733	3,240	3,908	
35	Pervasive and Mobile Computing	2,349	2,974	2,769	2,725	3,453	3,848	
36	IEEE Antennas and Wireless Propagation Letters	2,533	3,448	3,510	3,726	3,834	3,825	
37	IEEE-ACM TRANSACTIONS ON NETWORKING	3,376	3,110	3,597	3,315	3,560	3,796	
38	Journal of Ambient Intelligence and Humanized Computing	1,588	1,423	1,910	4,594	7,104	3,662	
39	IEEE COMMUNICATIONS LETTERS	1,988	2,723	3,457	3,419	3,436	3,553	
40	IEEE Transactions on Green Communications and Networking						3,525	
41	IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS	1,975	2,063	2,797	3,672	4,102	3,491	
42	Peer-to-Peer Networking and Applications	1,262	1,514	2,397	2,793	3,307	3,488	
43	IEEE Access	3,244	3,557	4,098	3,745	3,367	3,476	
44	Transactions on Emerging Telecommunications Technologies	1,535	1,606	1,258	1,594	2,638	3,310	
45	IEEE Transactions on Signal and Information Processing over Networks			3,153	3,153	3,664	3,301	
46	IEEE ANTENNAS AND PROPAGATION MAGAZINE	1,747	3,007	3,804	3,765	2,593	3,179	
47	China Communications	0,903	1,514	1,882	2,024	2,688	3,170	
48	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	1,147	2,115	2,853	2,924	3,183	3,169	
49	MOBILE NETWORKS & APPLICATIONS	3,259	2,497	2,390	2,602	3,426	3,077	
50	IEEE MICROWAVE MAGAZINE	3,029	2,962	2,949	2,928	2,714	3,062	
51	OPTICAL FIBER TECHNOLOGY	1,678	1,350	1,824	2,212	2,530	2,800	
52	Nano Communication Networks	2,769	2,070	2,250	2,621	2,947	2,783	
53	Journal of Ambient Intelligence and Smart Environments	0,809	0,878	1,186	1,595	2,105	2,759	
54	WIRELESS NETWORKS	1,584	1,981	2,405	2,659	2,602	2,701	
55	IT Professional	1,661	1,618	2,424	3,700	2,626	2,590	
56	ACM Transactions on Sensor Networks	2,322	2,313	2,507	2,469	2,253	2,560	
57	EURASIP Journal on Wireless Communications and Networking	1,529	2,407	1,592	1,408	2,455	2,559	
58	Navigation-Journal of the Institute of Navigation	1,604	1,322	1,629	1,700	2,080	2,472	
59	Physical Communication	1,583	1,522	1,451	1,594	1,810	2,379	
60	TELECOMMUNICATION SYSTEMS	1,542	1,527	1,707	1,734	2,314	2,336	
61	Journal of Network and Systems Management	1,588	1,750	1,676	2,250	2,026	2,198	
62	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	1,899	0,869	1,396	1,819	2,336	2,146	
63	IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY	1,658	1,520	2,274	1,882	2,006	2,036	
64	WIRELESS PERSONAL COMMUNICATIONS	0,951	1,200	0,929	1,061	1,671	2,017	
65	Security and Communication Networks	1,067	0,904	1,376	1,288	1,791	1,968	
66	International Journal of Distributed Sensor Networks	1,239	1,787	1,614	1,151	1,640	1,938	
67	IETE TECHNICAL REVIEW	1,330	1,339	1,618	1,845	2,200	1,932	
68	International Journal of Network Management	1,118	1,340	1,231	1,338	1,712	1,914	
69	Annals of Telecommunications	1,412	1,168	1,552	1,546	1,444	1,901	
70	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	1,066	1,717	1,278	1,319	2,047	1,882	
71	IETE JOURNAL OF RESEARCH	0,909	0,829	0,793	1,125	2,333	1,877	
72	Mobile Information Systems	0,849	0,958	1,635	1,508	1,802	1,863	
73	Optical Switching and Networking	1,865	1,113	1,353	2,577	2,786	1,828	
74	IET Microwaves Antennas & Propagation	1,187	1,739	2,036	1,972	2,016	1,824	
75	PHOTONIC NETWORK COMMUNICATIONS	1,210	1,203	1,328	1,750	2,028	1,768	
76	IET Optoelectronics	1,165	1,506	1,667	1,742	1,636	1,691	
77	RADIO SCIENCE	1,581	1,418	1,658	1,305	1,431	1,678	
78	ETRI JOURNAL	1,116	0,739	0,861	1,094	1,347	1,622	
79	IEEE PERSVASIVE COMPUTING	3,250	3,022	3,813	4,418	3,175	1,603	
80	IET Radar Sonar and Navigation	1,509	1,837	2,015	1,908	1,955	1,596	
81	INTERNATIONAL JOURNAL OF SATELLITE COMMUNICATIONS AND NETWORKING	1,079	1,368	1,633	1,652	1,617	1,348	
82	International Journal of Sensor Networks	0,635	0,878	1,289	1,428	1,302	1,264	
83	International Journal of Antennas and Propagation	1,164	1,378	1,347	1,207	1,174	1,244	
84	Journal of Internet Technology	1,930	1,301	0,715	0,786	1,005	1,140	
85	International Journal of Microwave and Wireless Technologies	0,976	0,745	0,703	0,939	1,064	1,090	
86	KSII Transactions on Internet and Information Systems	0,452	0,611	0,711	0,648	0,858	0,972	
87	International Journal of Ad Hoc and Ubiquitous Computing	0,705	0,648	0,560	0,714	0,654	0,773	
88	IEICE TRANSACTIONS ON COMMUNICATIONS	0,827	1,090	0,580	0,614	0,525	0,598	
89	JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS	0,446	0,431	0,510	0,483	0,529	0,495	
90	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	0,444	0,590	0,584	0,680	0,724	0,414	
91	Ad Hoc & Sensor Wireless Networks	1,034	0,753	0,948	0,851	1,013	0,400	
92	MICROWAVE JOURNAL	0,258	0,212	0,350	0,247	0,306	0,384	
93	BELL LABS TECHNICAL JOURNAL			4,000	0,000	0,333	0,000	