

Razali Ngah

List of Publications by Year in descending order

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55
papers

421
citations

932766

10
h-index

940134

16
g-index

55
all docs

55
docs citations

55
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra wideband technology and its applications. , 2008, , .		59
2	Device Discovery in D2D Communication: A Survey. IEEE Access, 2019, 7, 131114-131134.	2.6	39
3	In-Band Device to Device (D2D) Communication and Device Discovery: A Survey. Wireless Personal Communications, 2019, 106, 451-472.	1.8	33
4	DEVELOPMENT OF A NEW APPROACH FOR HIGH-QUALITY QUADRUPLING FREQUENCY OPTICAL MILLIMETER-WAVE SIGNAL GENERATION WITHOUT OPTICAL FILTER. Progress in Electromagnetics Research, 2013, 134, 189-208.	1.6	18
5	Reduction in ping-pong effect in heterogeneous networks using fuzzy logic. Soft Computing, 2019, 23, 269-283.	2.1	16
6	A COST-EFFECTIVE METHOD FOR HIGH-QUALITY 60 GHZ OPTICAL MILLIMETER WAVE SIGNAL GENERATION BASED ON FREQUENCY QUADRUPLING. Progress in Electromagnetics Research, 2013, 137, 255-274.	1.6	15
7	Experimental Characterization and Analysis for Ultra Wideband Outdoor Channel. Wireless Personal Communications, 2015, 83, 3103-3118.	1.8	15
8	Cooperative Device-to-Device Discovery Model for Multiuser and OFDMA Network Base Neighbour Discovery in In-Band 5G Cellular Networks. Wireless Personal Communications, 2017, 97, 4681-4695.	1.8	14
9	Device discovery for D2D communication in in-band cellular networks using sphere decoder like (SDL) algorithm. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	14
10	Slotted ultra wideband antenna for bandwidth enhancement. , 2008, , .		13
11	A small novel ultra wideband antenna with slotted ground plane. , 2008, , .		13
12	A Survey on Security and Privacy Challenges in Device Discovery for Next-Generation Systems. IEEE Access, 2020, 8, 84584-84603.	2.6	13
13	Antenna representation in two-port network scattering parameter. Microwave and Optical Technology Letters, 2011, 53, 1404-1409.	0.9	12
14	MUTUAL COUPLING ANALYSIS USING FDTD FOR DIELECTRIC RESONATOR ANTENNA REFLECTARRAY RADIATION PREDICTION. Progress in Electromagnetics Research B, 2012, 41, 121-136.	0.7	10
15	A new two-code keying scheme for SAC-OCDMA systems enabling bipolar encoding. Journal of Modern Optics, 2015, 62, 327-335.	0.6	10
16	Signaling Overhead Reduction Techniques in Device-to-Device Communications: Paradigm for 5G and Beyond. IEEE Access, 2021, 9, 11037-11050.	2.6	8
17	Adaptive mobility-aware and reliable routing protocols for healthcare vehicular network. Mathematical Biosciences and Engineering, 2022, 19, 7156-7177.	1.0	8
18	Study the performance of OFDM radio over fiber for wireless communication systems. , 2008, , .		7

#	ARTICLE	IF	CITATIONS
19	Representation of antenna in two-port network s-parameter. , 2008, , .		7
20	Time-scale domain characterization of nonstationary wideband vehicle-to-vehicle propagation channel. , 2010, , .		7
21	Device Discovery Signal Design for Proximal Devices in D2D Communication. Wireless Personal Communications, 2019, 108, 865-878.	1.8	6
22	Performance Analysis of Device Discovery Algorithms for D2D Communication. Arabian Journal for Science and Engineering, 2020, 45, 1457-1471.	1.7	6
23	An evaluation of half-cut technique for microwave-phonic access-point antenna miniaturization. , 2011, , .		5
24	High gain 5G MIMO antenna for mobile base station. International Journal of Electrical and Computer Engineering, 2019, 9, 468.	0.5	5
25	Secured indoor powerline communication using CDMA technique. , 2007, , .		4
26	5.8 GHz photonic antenna for point to point applications. , 2008, , .		4
27	Small printed ultra wideband antenna with coupled slot. , 2009, , .		4
28	Time-scale domain characterization of ultrawideband 2 MIMO channel and range extension for Infostation environment. , 2012, , .		4
29	Optical generation of 60-GHz signal for millimeter wave wireless communication. , 2013, , .		4
30	Multi-user Shared Access (MUSA) procedure for device discovery in D2D communication. Telecommunication Systems, 2021, 76, 291-297.	1.6	4
31	Sector Scanning Algorithm (SSA) for device discovery in D2D communication. International Journal of Electronics, 2021, 108, 45-66.	0.9	4
32	Spectrum Sharing Model for Coexistence between High Altitude Platform System and Fixed Services at 5.8 GHz. International Journal of Multimedia and Ubiquitous Engineering, 2013, 8, 265-274.	0.3	4
33	Wavelet-domain channel characterization for mobile broadband communication systems. , 2008, , .		3
34	Active photonic antenna for wireless communications at 2.4 GHz. , 2008, , .		3
35	A high gain active photonic antenna for high speed backhaul link: A system analysis. , 2010, , .		3
36	Development of generic wireless channel simulator for diverse environment. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
37	Hybrid Channel Estimation Technique with Reduced Complexity for LTE Downlink. <i>Wireless Personal Communications</i> , 2015, 82, 1147-1159.	1.8	3
38	UWB communications: Present and future. , 2016, , .		3
39	Key Technologies and Future Trends of 5G Wireless Network Applications. , 2021, , .		3
40	A small couple slotted antenna for ultra wideband application. , 2009, , .		2
41	An active uplink photonic antenna. , 2010, , .		2
42	Full Duplex DD for In-Band D2D Communication. <i>Wireless Personal Communications</i> , 2020, 115, 679-694.	1.8	2
43	Cascaded Butler Matrix with Two-Dimensional Beam Scanning Capability at 28 GHz for 5G Wireless System. <i>Advanced Science Letters</i> , 2018, 24, 3937-3939.	0.2	2
44	Current distribution characteristics of various T slotted ultra wideband antenna. , 2010, , .		1
45	MIMO-OFDM optical backhaul backup system using WLAN 802.11n. , 2012, , .		1
46	Fiber drop point design for optical — Wireless access. , 2012, , .		1
47	Hybrid PCA-ILGC clustering approach for high dimensional data. , 2012, , .		1
48	POLARIZED DIVERSITY COMPACT PLANAR MIMO ANTENNA FOR WIRELESS ACCESS POINT APPLICATIONS. <i>Progress in Electromagnetics Research C</i> , 2019, 91, 115-127.	0.6	1
49	Switched-beam array antenna at 28 GHz for 5G wireless system based on butler matrix beamforming network. <i>Nigerian Journal of Technology</i> , 2019, 38, 484.	0.2	1
50	Ensure public health safety, security, quality of service and smooth deployment of 5G infrastructure in Malaysia. , 2021, , .		1
51	Wavelet-based digital modulation technique. , 2009, , .		0
52	UWB channel measurement and development of scatterer identification algorithm. , 2014, , .		0
53	Bat echolocation-based algorithm for device discovery in D2D communication. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	0
54	Design LTE Microstrip Antenna Rectangular Patch with Beetle-Shaped Slot. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2017, 15, 1083.	0.6	0

#	ARTICLE	IF	CITATIONS
55	Wideband MIMO Antenna for Smart Flood Monitoring System. , 2021, , .		0