

Ahmed M Al-Samman

List of Publications by Year in descending order

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43
papers

513
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times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on coordinated multi-point operation for LTE-A. <i>Computer Networks</i> , 2017, 123, 19-37.	5.1	75
2	Indoor Corridor Wideband Radio Propagation Measurements and Channel Models for 5G Millimeter Wave Wireless Communications at 19 GHz, 28 GHz, and 38 GHz Bands. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-12.	4.2	34
3	Comparative Study of Indoor Propagation Model Below and Above 6 GHz for 5G Wireless Networks. <i>Electronics (Switzerland)</i> , 2019, 8, 44.	3.1	32
4	Effect of Weather Condition on LoRa IoT Communication Technology in a Tropical Region: Malaysia. <i>IEEE Access</i> , 2021, 9, 72835-72843.	4.2	31
5	On Platform to Enable the Cognitive Radio Over 5G Networks. <i>Wireless Personal Communications</i> , 2020, 113, 1241-1262.	2.7	29
6	Survey of Millimeter-Wave Propagation Measurements and Models in Indoor Environments. <i>Electronics (Switzerland)</i> , 2021, 10, 1653.	3.1	28
7	Large-scale path loss models and time dispersion in an outdoor line-of-sight environment for 5G wireless communications. <i>AEU - International Journal of Electronics and Communications</i> , 2016, 70, 1515-1521.	2.9	27
8	Statistical Analysis of Rain at Millimeter Waves in Tropical Area. <i>IEEE Access</i> , 2020, 8, 51044-51061.	4.2	26
9	Millimeter-wave propagation measurements and models at 28 GHz and 38 GHz in a dining room for 5G wireless networks. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 130, 71-81.	5.0	22
10	Rain Attenuation Measurements and Analysis at 73 GHz E-Band Link in Tropical Region. <i>IEEE Communications Letters</i> , 2020, 24, 1368-1372.	4.1	20
11	Millimeter Wave Propagation Measurements and Characteristics for 5G System. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 335.	2.5	19
12	Experimental Characterization and Analysis for Ultra Wideband Outdoor Channel. <i>Wireless Personal Communications</i> , 2015, 83, 3103-3118.	2.7	15
13	Path Loss Model for Outdoor Parking Environments at 28 GHz and 38 GHz for 5G Wireless Networks. <i>Symmetry</i> , 2018, 10, 672.	2.2	15
14	Experimental UWB indoor channel characterization in stationary and mobility scheme. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 111, 333-339.	5.0	14
15	A Survey of Millimeter Wave (mm-Wave) Communications for 5G: Channel Measurement Below and Above 6 GHz. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 451-463.	0.6	10
16	Wideband Channel Characterization for 6G Networks in Industrial Environments. <i>Sensors</i> , 2021, 21, 2015.	3.8	10
17	Radio Propagation Measurements in the Indoor Stairwell Environment at 3.5 and 28 GHz for 5G Wireless Networks. <i>International Journal of Antennas and Propagation</i> , 2020, 2020, 1-10.	1.2	10
18	Experimental characterization of an UWB channel in outdoor environment. , 2014, , .		9

#	ARTICLE	IF	CITATIONS
19	Experimental Characterization of Multipath Channels for Ultra-Wideband Systems in Indoor Environment Based on Time Dispersion Parameters. <i>Wireless Personal Communications</i> , 2017, 95, 1713-1724.	2.7	8
20	Path Loss Model and Channel Capacity for UWB MIMO Channel in Outdoor Environment. <i>Wireless Personal Communications</i> , 2019, 107, 271-281.	2.7	8
21	4G channel characterization for indoor environment at 2.6 GHz. , 2015, , .		7
22	Path loss model for indoor emergency stairwell environment at millimeter wave band for 5G network. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2018, 26, 3025-3033.	1.4	7
23	Path loss and RMS delay spread model for 5G channel at 19 GHz. , 2017, , .		6
24	Non-Cooperative Power Control Game in D2D Underlying Networks with Variant System Conditions. <i>Electronics (Switzerland)</i> , 2019, 8, 1113.	3.1	6
25	Investigation of the impact of different scheduling algorithm for Macro-Femto-Cells over LTE-A networks. , 2016, , .		5
26	Adaptive transmission technique for short range mobile underwater acoustic OFDM communication. , 2013, , .		4
27	Channel characterization for indoor environment at 17 GHz for 5G communications. , 2015, , .		4
28	Investigation of large-scale propagation for outdoor-parking lot environment for 5G wireless communications. , 2016, , .		4
29	Path loss model for outdoor environment at 17 GHz mm-wave band. , 2016, , .		4
30	Predictive Wireless Channel Modeling of MmWave Bands Using Machine Learning. <i>Electronics (Switzerland)</i> , 2021, 10, 3114.	3.1	4
31	Hybrid Channel Estimation Technique with Reduced Complexity for LTE Downlink. <i>Wireless Personal Communications</i> , 2015, 82, 1147-1159.	2.7	3
32	UWB CHANNEL CHARACTERIZATION IN 28 GHZ MILLIMETER WAVEBAND FOR 5G CELLULAR NETWORKS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	3
33	Performance of Full-Duplex Wireless Back-Haul Link under Rain Effects Using E-Band 73 GHz and 83 GHz in Tropical Area. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6138.	2.5	3
34	Performance of the DBS Satellite Receiver under the Impact of Rainfall and Terrestrial Interference. <i>Wireless Communications and Mobile Computing</i> , 2021, 2021, 1-12.	1.2	3
35	Time dispersion characteristics for wideband channel in 28 GHz millimeter wave band for 5G cellular networks. , 2015, , .		2
36	Time-Varying Ultra-Wideband Channel Modeling and Prediction. <i>Symmetry</i> , 2018, 10, 631.	2.2	2

#	ARTICLE	IF	CITATIONS
37	Hybrid automatic repeat request-based intelligent reflecting surface-assisted communication system. Electronics Letters, 2021, 57, 303-305.	1.0	2
38	Time dispersion analysis for UWB channel in an outdoor environment. , 2014, , .		1
39	Buffer Delay Improvement in Gait-Cycle-Driven Transmission Power Control Scheme for WBAN. , 2020, , .		1
40	Hybrid channel estimation for LTE downlink. , 2013, , .		0
41	Utilization of Millimeter-Wave Spectrum in Wireless Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	1.2	0
42	5G Channel Propagation at 28GHz in Indoor Environment. Advances in Intelligent Systems and Computing, 2020, , 634-642.	0.6	0
43	Indoor Channel Estimation Using Single-Snapshot Wideband Measurement. , 2020, , .		0