

Mohamed El-Tarhuni

List of Publications by Year in descending order

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36
papers

274
citations

1163117

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36
all docs

36
docs citations

36
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	From 5G to 6G Challenges, Technologies, and Applications. Future Internet, 2022, 14, 117.	3.8	41
2	Enabling Technologies and Services for 6G Networks. Lecture Notes in Networks and Systems, 2021, , 33-42.	0.7	0
3	Large-scale channel characterization at 28GHz on a university campus in the United Arab Emirates. Telecommunication Systems, 2020, 74, 185-199.	2.5	11
4	Performance of 5GNR with Interference Alignment. , 2019, , .		1
5	Large-scale Channel Measurements at 28 GHz in the United Arab Emirates for 5G systems. , 2019, , .		2
6	Expectation Maximization for Multipath Detection in Wideband Signals. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 120-131.	0.3	0
7	Performance evaluation for synchronous and asynchronous coded C-V-BLAST massive MIMO NOMA system. , 2018, , .		1
8	Window-based adaptive technique for real-time streaming of scalable video over cognitive radio networks. IET Communications, 2017, 11, 2643-2649.	2.2	6
9	Automatic modulation classification based on high order cumulants and hierarchical polynomial classifiers. Physical Communication, 2016, 21, 10-18.	2.1	67
10	An optimized Double-Dwell frequency synchronization algorithm for OFDM signals. , 2015, , .		1
11	Automatic modulation classification using polynomial classifiers. , 2014, , .		7
12	An overlay architecture for cognitive radio systems. , 2013, , .		0
13	An Underwater Wireless Sensor Network with Realistic Radio Frequency Path Loss Model. International Journal of Distributed Sensor Networks, 2013, 9, 508708.	2.2	36
14	An MMSE Overlay Cognitive Wireless System. International Journal of Interdisciplinary Telecommunications and Networking, 2013, 5, 1-13.	0.3	0
15	Joint transmitter/receiver optimization for overlay wireless systems. , 2012, , .		0
16	An Adaptive Hierarchical QAM Scheme for Enhanced Bandwidth and Power Utilization. IEEE Transactions on Communications, 2012, 60, 2275-2284.	7.8	9
17	Learning-Based Spectrum Sensing for Cognitive Radio Systems. Journal of Computer Networks and Communications, 2012, 2012, 1-13.	1.6	11
18	An MMSE Overlay Cognitive Wireless System. International Journal of Interdisciplinary Telecommunications and Networking, 2012, 4, 64-76.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Wireless image transmission using joint adaptation of modulation and channel coding. , 2011, , .		2
20	Multipath Detection Using Boolean Satisfiability Techniques. Journal of Computer Networks and Communications, 2011, 2011, 1-9.	1.6	6
21	Knowledge based cooperative spectrum sensing using polynomial classifiers in cognitive radio networks. , 2010, , .		1
22	Comparison of linear and polynomial classifiers for co-operative cognitive radio networks. , 2010, , .		12
23	An adaptive modulation scheme for image transmission over wireless channels. , 2010, , .		0
24	Improving electrical engineering education at the American University of Sharjah through continuous assessment. European Journal of Engineering Education, 2009, 34, 15-28.	2.3	7
25	A Multipath Detection Scheme for CDMA Systems With Space-Time Spreading. IEEE Transactions on Vehicular Technology, 2008, 57, 146-156.	6.3	2
26	Variable Modulation and Bit Energy Optimization for Transmission of Compressed Images. , 2007, , .		0
27	An ICA-based multipath detection algorithm for DS-SS communication systems. , 2007, , .		2
28	Experimental Implementation of Adaptive CFAR Multipath Detection for Wideband Communication Systems. , 2007, , .		2
29	An Efficient Multipath Detection Scheme for CDMA Systems. IEEE Transactions on Wireless Communications, 2007, 6, 2776-2781.	9.2	1
30	Image Transmission using Variable M-QAM with Optimized Bit Power Allocation. , 2006, , .		2
31	Adaptive Radio Resource Management for Multi-Operator WCDMA Based Cellular Wireless Networks with Heterogeneous Traffic. , 2006, , .		4
32	On the performance of turbo equalization for precoded ISI channels. Wireless Communications and Mobile Computing, 2006, 6, 431-438.	1.2	0
33	Improved image transmission over wireless channels. , 2006, , .		2
34	A Robust PN Code Tracking Algorithm for Frequency Selective Rayleigh-Fading Channels. IEEE Transactions on Wireless Communications, 2004, 3, 1018-1023.	9.2	8
35	Performance analysis for an adaptive filter code-tracking technique in direct-sequence spread-spectrum systems. IEEE Transactions on Communications, 1998, 46, 1058-1064.	7.8	13
36	Code acquisition of DS/SS signals in fading channels using an LMS adaptive filter. IEEE Communications Letters, 1998, 2, 85-88.	4.1	16