

# Mohamed El-Tarhuni

## List of Publications by Year in descending order

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36  
papers

274  
citations

1163117

8  
h-index

996975

15  
g-index

36  
all docs

36  
docs citations

36  
times ranked

235  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic modulation classification based on high order cumulants and hierarchical polynomial classifiers. <i>Physical Communication</i> , 2016, 21, 10-18.	2.1	67
2	From 5G to 6G—Challenges, Technologies, and Applications. <i>Future Internet</i> , 2022, 14, 117.	3.8	41
3	An Underwater Wireless Sensor Network with Realistic Radio Frequency Path Loss Model. <i>International Journal of Distributed Sensor Networks</i> , 2013, 9, 508708.	2.2	36
4	Code acquisition of DS/SS signals in fading channels using an LMS adaptive filter. <i>IEEE Communications Letters</i> , 1998, 2, 85-88.	4.1	16
5	Performance analysis for an adaptive filter code-tracking technique in direct-sequence spread-spectrum systems. <i>IEEE Transactions on Communications</i> , 1998, 46, 1058-1064.	7.8	13
6	Comparison of linear and polynomial classifiers for co-operative cognitive radio networks. , 2010, , .		12
7	Learning-Based Spectrum Sensing for Cognitive Radio Systems. <i>Journal of Computer Networks and Communications</i> , 2012, 2012, 1-13.	1.6	11
8	Large-scale channel characterization at 28 GHz on a university campus in the United Arab Emirates. <i>Telecommunication Systems</i> , 2020, 74, 185-199.	2.5	11
9	An Adaptive Hierarchical QAM Scheme for Enhanced Bandwidth and Power Utilization. <i>IEEE Transactions on Communications</i> , 2012, 60, 2275-2284.	7.8	9
10	A Robust PN Code Tracking Algorithm for Frequency Selective Rayleigh-Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2004, 3, 1018-1023.	9.2	8
11	Improving electrical engineering education at the American University of Sharjah through continuous assessment. <i>European Journal of Engineering Education</i> , 2009, 34, 15-28.	2.3	7
12	Automatic modulation classification using polynomial classifiers. , 2014, , .		7
13	Multipath Detection Using Boolean Satisfiability Techniques. <i>Journal of Computer Networks and Communications</i> , 2011, 2011, 1-9.	1.6	6
14	Window-based adaptive technique for real-time streaming of scalable video over cognitive radio networks. <i>IET Communications</i> , 2017, 11, 2643-2649.	2.2	6
15	Adaptive Radio Resource Management for Multi-Operator WCDMA Based Cellular Wireless Networks with Heterogeneous Traffic. , 2006, , .		4
16	Image Transmission using Variable M-QAM with Optimized Bit Power Allocation. , 2006, , .		2
17	Improved image transmission over wireless channels. , 2006, , .		2
18	An ICA-based multipath detection algorithm for DS-SS communication systems. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
19	Experimental Implementation of Adaptive CFAR Multipath Detection for Wideband Communication Systems. , 2007, , .		2
20	A Multipath Detection Scheme for CDMA Systems With Space-Time Spreading. IEEE Transactions on Vehicular Technology, 2008, 57, 146-156.	6.3	2
21	Wireless image transmission using joint adaptation of modulation and channel coding. , 2011, , .		2
22	Large-scale Channel Measurements at 28 GHz in the United Arab Emirates for 5G systems. , 2019, , .		2
23	An Efficient Multipath Detection Scheme for CDMA Systems. IEEE Transactions on Wireless Communications, 2007, 6, 2776-2781.	9.2	1
24	Knowledge based cooperative spectrum sensing using polynomial classifiers in cognitive radio networks. , 2010, , .		1
25	An optimized Double-Dwell frequency synchronization algorithm for OFDM signals. , 2015, , .		1
26	Performance evaluation for synchronous and asynchronous coded C-V-BLAST massive MIMO NOMA system. , 2018, , .		1
27	Performance of 5GNR with Interference Alignment. , 2019, , .		1
28	An MMSE Overlay Cognitive Wireless System. International Journal of Interdisciplinary Telecommunications and Networking, 2012, 4, 64-76.	0.3	1
29	On the performance of turbo equalization for precoded ISI channels. Wireless Communications and Mobile Computing, 2006, 6, 431-438.	1.2	0
30	Variable Modulation and Bit Energy Optimization for Transmission of Compressed Images. , 2007, , .		0
31	An adaptive modulation scheme for image transmission over wireless channels. , 2010, , .		0
32	Joint transmitter/receiver optimization for overlay wireless systems. , 2012, , .		0
33	An overlay architecture for cognitive radio systems. , 2013, , .		0
34	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
35	Enabling Technologies and Services for 6G Networks. Lecture Notes in Networks and Systems, 2021, , 33-42.	0.7	0
36	An MMSE Overlay Cognitive Wireless System. International Journal of Interdisciplinary Telecommunications and Networking, 2013, 5, 1-13.	0.3	0