

# Amine Maaref

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2839496/publications.pdf>

Version: 2024-02-01

39  
papers

964  
citations

516710

16  
h-index

526287

27  
g-index

39  
all docs

39  
docs citations

39  
times ranked

754  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Improved EPA-Based Receiver Design for Uplink LDPC Coded SCMA System. IEEE Wireless Communications Letters, 2022, 11, 947-951.	5.0	6
2	An Error Rate Comparison of Power Domain Non-Orthogonal Multiple Access and Sparse Code Multiple Access. IEEE Open Journal of the Communications Society, 2021, 2, 500-511.	6.9	36
3	On the Performance of HARQ Protocols With Blanking in NOMA Systems. IEEE Transactions on Wireless Communications, 2020, 19, 7423-7438.	9.2	5
4	Unequal Error Protection SCMA Codebooks. IEEE Transactions on Vehicular Technology, 2019, 68, 4055-4058.	6.3	7
5	Secure Transmission With Interleaver for Uplink Sparse Code Multiple Access System. IEEE Wireless Communications Letters, 2019, 8, 336-339.	5.0	8
6	Design of SCMA Codebooks Based on Golden Angle Modulation. IEEE Transactions on Vehicular Technology, 2019, 68, 1501-1509.	6.3	54
7	Codeword Position Index Based Sparse Code Multiple Access System. IEEE Wireless Communications Letters, 2019, 8, 737-740.	5.0	6
8	Spatial Reuse for Coexisting LTE and Wi-Fi Systems in Unlicensed Spectrum. IEEE Transactions on Wireless Communications, 2018, 17, 1187-1198.	9.2	18
9	Sub-Graph Based Joint Sparse Graph for Sparse Code Multiple Access Systems. IEEE Access, 2018, 6, 25066-25080.	4.2	13
10	A Framework for Co-Channel Interference and Collision Probability Tradeoff in LTE Licensed-Assisted Access Networks. IEEE Transactions on Wireless Communications, 2016, 15, 6078-6090.	9.2	51
11	Device cooperation-assisted scalable video multicast with heterogeneous QoE guarantees. , 2014, , .		7
12	Device-centric radio access virtualization for 5G networks. , 2014, , .		36
13	Cooperative capacity-achieving precoding design for multi-user VFDM transmission. , 2014, , .		2
14	Opportunistic transmission exploiting frequency - and spatial-domain degrees of freedom. IEEE Wireless Communications, 2014, 21, 91-97.	9.0	16
15	Nullspace Releasing for Spatial-Frequency Opportunistic Transmission. IEEE Communications Letters, 2014, 18, 1843-1846.	4.1	3
16	Spatial-Frequency Signal Alignment for Opportunistic Transmission. IEEE Transactions on Signal Processing, 2014, 62, 1561-1575.	5.3	17
17	Comparison of analog and digital network coding approaches for bidirectional relaying with private messages to the relay. , 2011, , .		0
18	Cross-layer design for MIMO systems over spatially correlated and keyhole Nakagami- $m$ fading channels. Wireless Communications and Mobile Computing, 2010, 10, 1055-1067.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Multiantenna Analog Network Coding for Multihop Wireless Networks. International Journal of Digital Multimedia Broadcasting, 2010, 2010, 1-10.	0.6	10
20	The Gamma Variate with Random Shape Parameter and Some Applications. IEEE Communications Letters, 2010, 14, 1146-1148.	4.1	8
21	Symbol Error Probability Analysis for Multihop Relaying over Nakagami Fading Channels. , 2010, , .		30
22	Optimized rate-adaptive PSAM for MIMO MRC systems with transmit and receive CSI imperfections. IEEE Transactions on Communications, 2009, 57, 821-830.	7.8	17
23	Exact error probability analysis of rectangular QAM for single- and multichannel reception in nakagami-m fading channels. IEEE Transactions on Communications, 2009, 57, 214-221.	7.8	41
24	Opportunistic Cell Edge Selection in Multi-Cell OFDMA Networks. , 2009, , .		6
25	Adaptive Soft Frequency Reuse for Inter-Cell Interference Coordination in SC-FDMA Based 3GPP LTE Uplinks. , 2008, , .		113
26	Capacity of MIMO Rician fading channels with transmitter and receiver channel state information. IEEE Transactions on Wireless Communications, 2008, 7, 1687-1698.	9.2	18
27	Impact of Mobility on the Behavior of Interference in Cellular Wireless Networks. , 2008, , .		11
28	Impact of Spatial Fading Correlation and Keyhole on the Capacity of MIMO Systems with Transmitter and Receiver CSI. IEEE Transactions on Wireless Communications, 2008, 7, 3218-3229.	9.2	17
29	Joint and Marginal Eigenvalue Distributions of (Non)Central Complex Wishart Matrices and PDF-Based Approach for Characterizing the Capacity Statistics of MIMO Rician and Rayleigh Fading Channels. IEEE Transactions on Wireless Communications, 2007, 6, 3607-3619.	9.2	32
30	Eigenvalue Distributions of Wishart-Type Random Matrices with Application to the Performance Analysis of MIMO MRC Systems. IEEE Transactions on Wireless Communications, 2007, 6, 2678-2689.	9.2	39
31	Exact Error Probability Analysis of Orthogonal Space-Time Block Codes with Arbitrary Rectangular QAM over MIMO Nakagami-m Fading Channels. , 2007, , .		10
32	On the Capacity Statistics of MIMO Rician and Rayleigh Fading Channels. , 2006, , .		6
33	Eigenvalue Distributions of Wishart-Type Random Matrices and Error Probability Analysis of Dual Maximum-Ratio Transmission in Semicorrelated Rayleigh Fading. , 2006, , .		7
34	Performance analysis of orthogonal space-time block codes in spatially correlated MIMO Nakagami fading channels. IEEE Transactions on Wireless Communications, 2006, 5, 807-817.	9.2	65
35	WLC31-2: Capacity of MIMO Rician Fading Channels with Transmitter and Receiver Channel State Information. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	0
36	Closed-Form Expressions for the Outage and Ergodic Shannon Capacity of MIMO MRC Systems. IEEE Transactions on Communications, 2005, 53, 1092-1095.	7.8	162

#	ARTICLE	IF	CITATIONS
37	Capacity of space-time block codes in MIMO Rayleigh fading channels with adaptive transmission and estimation errors. <i>IEEE Transactions on Wireless Communications</i> , 2005, 4, 2568-2578.	9.2	63
38	Shannon capacity of STBC in Rayleigh fading channels. <i>Electronics Letters</i> , 2004, 40, 817.	1.0	20
39	Uplink packet scheduling in the presence of interference cancellation in multi-rate wireless CDMA networks. <i>Wireless Communications and Mobile Computing</i> , 2003, 3, 861-878.	1.2	3