

# Saied M Abd El-Atty

## List of Publications by Year in descending order

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53  
papers

279  
citations

1307366

7  
h-index

1125617

13  
g-index

53  
all docs

53  
docs citations

53  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-Cyber Interface Parameter Estimation with Neural Network for the Internet of Bio-Nano Things. <i>Wireless Personal Communications</i> , 2022, 123, 1245-1263.	1.8	6
2	Efficient Framework Analysis for Targeted Drug Delivery Based on Internet of Bio-NanoThings. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 9965-9980.	1.7	7
3	Hybrid swarm optimization algorithm based on task scheduling in a cloud environment. <i>International Journal of Communication Systems</i> , 2021, 34, e4694.	1.6	3
4	A survey of 5G millimeter wave, massive multiple-input multiple-output, and vehicle-to-vehicle channel measurements and models. <i>International Journal of Communication Systems</i> , 2021, 34, e4830.	1.6	4
5	MolCom system with downlink/uplink biocyber interface for Internet of Bio-NanoThings. <i>International Journal of Communication Systems</i> , 2020, 33, e4171.	1.6	10
6	Efficient SVD-based audio watermarking technique in FRT domain. <i>Multimedia Tools and Applications</i> , 2020, 79, 5617-5648.	2.6	44
7	Biocyber Interface-Based Privacy for Internet of Bio-nano Things. <i>Wireless Personal Communications</i> , 2020, 114, 1465-1483.	1.8	12
8	On mixing reservoir targeted drug delivery Modeling-based Internet of Bio-NanoThings. <i>Wireless Networks</i> , 2020, 26, 3701-3713.	2.0	4
9	Health monitoring scheme-based Forster resonance energy transfer nanocommunications in the Internet of Biological Nanothings. <i>International Journal of Communication Systems</i> , 2020, 33, e4398.	1.6	3
10	3D non-stationary vehicle-to-vehicle MIMO channel model for 5G millimeter-wave communications. , 2019, 95, 102580.		9
11	3D Modeling and Analysis of the Space-Time Correlation for 5G Millimeter Wave MIMO Channels. <i>Wireless Personal Communications</i> , 2019, 104, 783-799.	1.8	5
12	A Cross-Layer Approach for Optimization of MolCom Systems Toward the Internet of Bio-NanoThings. <i>IEEE Systems Journal</i> , 2019, 13, 2751-2762.	2.9	6
13	Efficient Molecular Communication Protocol based on Mobile Ad-hoc Nanonetwork. <i>Menoufia Journal of Electronic Engineering Research</i> , 2019, 28, 427-443.	0.3	0
14	Performance Analysis and Optimization Based on Adaptive Modulation and Chaotic Interleaving for Helicopter-Satellite Communications. <i>Wireless Personal Communications</i> , 2018, 99, 597-617.	1.8	1
15	Predictive Reservation for Handover Optimization in Two-Tier Heterogeneous Cellular Networks. <i>Wireless Personal Communications</i> , 2018, 98, 1637-1661.	1.8	8
16	Engineering molecular communications integrated with carbon nanotubes in neural sensor nanonetworks. <i>IET Nanobiotechnology</i> , 2018, 12, 201-210.	1.9	3
17	Transmission of nanoscale information-based neural communication-aware ligand-receptor interactions. <i>Neural Computing and Applications</i> , 2018, 30, 3509-3522.	3.2	4
18	Second-Order Statistics Channel Model for 5G Millimeter-Wave Mobile Communications. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 2833-2842.	1.7	5

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19	Sum of Sinusoids Simulator for Millimeter Wave Channel Model Towards 5G Networks. <i>Wireless Personal Communications</i> , 2018, 103, 2125-2135.	1.8	2
20	Fixed to Mobile 5G Millimeter Wave Channel Model. <i>Menoufia Journal of Electronic Engineering Research</i> , 2018, 27, 139-150.	0.3	0
21	Storage allocation scheme for virtual instances of cloud computing. <i>Neural Computing and Applications</i> , 2017, 28, 1397-1404.	3.2	3
22	Performance analysis of an advanced heterogeneous mobile network architecture with multiple small cell layers. <i>Wireless Networks</i> , 2017, 23, 1169-1190.	2.0	15
23	Cloud Data Auditing Techniques with a Focus on Privacy and Security. <i>IEEE Security and Privacy</i> , 2017, 15, 42-51.	1.5	33
24	Two recursive schedulers for the uplink of LTE/LTE-A networks: M2M case study. , 2017, , .		0
25	Interference prediction framework for jointed macro/small-cell network interplay performance analysis under heterogeneous scope. , 2017, , .		0
26	Efficient Molecular Communication Protocol based on Mobile Ad-hoc Nanonetwork. <i>Menoufia Journal of Electronic Engineering Research</i> , 2017, 26, 427-443.	0.3	3
27	Aspects of nanoscale information transmission in nanonetworks-based molecular communication. , 2016, , .		3
28	Backhaul metro cell-based guard channel in femto/macro cellular heterogeneous networks. <i>Telecommunication Systems</i> , 2016, 61, 645-658.	1.6	2
29	Mobile Traffic Offloading in Heterogeneous Networks-Based Small Cell Technology. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 555-567.	1.1	1
30	Influence of inter-nanoparticle interaction on nanonetworks-based molecular communications. <i>Optik</i> , 2016, 127, 2959-2968.	1.4	3
31	Forensic Framework for Skype Communication. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 197-211.	0.5	2
32	Measuring QoS Metrics in Femto/Macro Cellular Networks with CAC Policy. <i>International Journal of Wireless Information Networks</i> , 2015, 22, 240-251.	1.8	3
33	Framework for single input single output nanonetworks-based realistic molecular communication. <i>IET Nanobiotechnology</i> , 2015, 9, 331-341.	1.9	6
34	On Performance of SISO Nanonetworks-based Molecular Communications. , 2014, , .		2
35	A MAC Scheme-Based Cooperative Codes for Vehicular Connectivity in AHVN. , 2014, , .		1
36	On the Performance of FFT/DWT/DCT-based OFDM Systems with Chaotic Interleaving and Channel Estimation Algorithms. <i>Wireless Personal Communications</i> , 2014, 78, 1495-1510.	1.8	14

#	ARTICLE	IF	CITATIONS
37	Interoperability Framework for Vehicular Connectivity in Advanced Heterogeneous Vehicular Network. International Journal of Computer Network and Information Security, 2014, 6, 1-12.	1.8	1
38	On performance of HetNet with coexisting small cell technology. , 2013, , .		16
39	A novel packet scheduling for high speed bursty traffic in LTE based-3G concepts. , 2012, , .		3
40	Mobile user connectivity performance with coexisting femtocell networks. , 2012, , .		0
41	Enhanced Uplink Scheduling for Continuous Connectivity in High Speed Packet Access Systems. International Journal of Communications, Network and System Sciences, 2012, 05, 446-453.	0.4	2
42	Analytical Model for Mobile User Connectivity in Coexisting Femtocell/Macrocell Networks. International Journal of Wireless and Mobile Networks, 2012, 4, 61-72.	0.1	1
43	Efficient connection admission control based-code searching algorithm in 3G/mesh networks. , 2011, , .		0
44	Vehicular Communications Framework for Efficient Multihop Connectivity in AHVN. , 2011, , .		3
45	Uplink scheduling for continuous connectivity in high speed packet access systems. , 2011, , .		1
46	Performance analysis of Multihop connectivity in VANET. , 2010, , .		16
47	A Cross Layer Scheduling Framework for Supporting Bursty Data Applications in WCDMA Networks. Wireless Personal Communications, 2008, 46, 33-45.	1.8	1
48	A Guard Code Scheme for Handover Traffic Management in WCDMA Systems. International Journal of Wireless Information Networks, 2008, 15, 98-104.	1.8	1
49	Reducing CQI Signalling Overhead in HSPA. Research Letters in Communications, 2008, 2008, 1-5.	0.9	4
50	Radio Resource Management for Handoff Provisioning in WCDMA Systems. , 2007, , .		0
51	Handover Provisioning in WCDMA Systems. , 2007, , .		0
52	Embedded Nano Relay for Intra-Body Network-Based Molecular Communications. Wireless Personal Communications, 0, , .	1.8	3
53	A Normalized Slicing-assigned Virtualization Method for 6G Based Wireless Communication Systems. ACM Transactions on Multimedia Computing, Communications and Applications, 0, , .	3.0	0