

Moustafa M Nasralla

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

223
citations

9
h-index

12
g-index

45
ext. papers

365
ext. citations

3
avg, IF

4.26
L-index

#	Paper	IF	Citations
37	A downlink scheduling approach for balancing QoS in LTE wireless networks 2013 ,		24
36	Content-aware downlink scheduling for LTE wireless systems: A survey and performance comparison of key approaches. <i>Computer Communications</i> , 2018 , 130, 78-100	5.1	19
35	. <i>IEEE Access</i> , 2020 , 8, 82173-82186	3.5	15
34	Defenses Against Perception-Layer Attacks on IoT Smart Furniture for Impaired People. <i>IEEE Access</i> , 2020 , 8, 119795-119805	3.5	11
33	3-D robotic tele-surgery and training over next generation wireless networks. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 6244-7	0.9	11
32	Multilayer Perceptron Neural Network-Based QoS-Aware, Content-Aware and Device-Aware QoE Prediction Model: A Proposed Prediction Model for Medical Ultrasound Streaming Over Small Cell Networks. <i>Electronics (Switzerland)</i> , 2019 , 8, 194	2.6	11
31	Content-aware packet scheduling strategy for medical ultrasound videos over LTE wireless networks. <i>Computer Networks</i> , 2018 , 140, 126-137	5.4	11
30	Small Cell-based Ambulance Scenario for Medical Video Streaming: A 5G-health use case 2018 ,		10
29	A Parametrized Comparative Analysis of Performance Between Proposed Adaptive and Personalized Tutoring System Beis TutorWith Existing Online Tutoring System. <i>IEEE Access</i> , 2022 , 10, 39376-39386	3.5	9
28	Bandwidth scalability and efficient 2D and 3D video transmission over LTE networks 2013 ,		8
27	Subjective and objective evaluation and packet loss modeling for 3D video transmission over LTE networks 2014 ,		8
26	Quantum Diffie-Hellman Extended to Dynamic Quantum Group Key Agreement for e-Healthcare Multi-Agent Systems in Smart Cities. <i>Sensors</i> , 2020 , 20,	3.8	8
25	Sustainable Virtual Reality Patient Rehabilitation Systems with IoT Sensors Using Virtual Smart Cities. <i>Sustainability</i> , 2021 , 13, 4716	3.6	8
24	Real-Time Analysis of Online Sources for Supporting Business Intelligence Illustrated with Bitcoin Investments and IoT Smart-Meter Sensors in Smart Cities. <i>Electronics (Switzerland)</i> , 2020 , 9, 1101	2.6	5
23	A Repository of Method Fragments for Agent-Oriented Development of Learning-Based Edge Computing Systems. <i>IEEE Network</i> , 2021 , 35, 156-162	11.4	5
22	Area and energy efficient shift and accumulator unit for object detection in IoT applications. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 795-809	6.1	5
21	An Efficient Multilevel Probabilistic Model for Abnormal Traffic Detection in Wireless Sensor Networks.. <i>Sensors</i> , 2022 , 22,	3.8	4

20	Features of Mobile Apps for People with Autism in a Post COVID-19 Scenario: Current Status and Recommendations for Apps Using AI. <i>Diagnostics</i> , 2021 , 11,	3.8	4
19	MASEMUL: A Simulation Tool for Movement-Aware MANET Scheduling Strategies for Multimedia Communications. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-12	1.9	4
18	A Survey on the Noncooperative Environment in Smart Nodes-Based Ad Hoc Networks: Motivations and Solutions. <i>Security and Communication Networks</i> , 2021 , 2021, 1-17	1.9	4
17	Network and user centric performance analysis of scheduling strategies for video streaming over LTE 2015 ,		3
16	A methodology to evaluate the effect of video compression on the performance of analytics systems 2012 ,		3
15	Dynamic Group Formation With Intelligent Tutor Collaborative Learning: A Novel Approach for Next Generation Collaboration. <i>IEEE Access</i> , 2021 , 9, 143406-143422	3.5	3
14	An Intelligent Fuzzy Logic-Based Content and Channel Aware Downlink Scheduler for Scalable Video over OFDMA Wireless Systems. <i>Electronics (Switzerland)</i> , 2020 , 9, 1071	2.6	3
13	Smart Cities to Improve Mobility and Quality of Life of the Visually Impaired. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 3-28	0.6	3
12	The Influence of Content and Device Awareness on QoE for Medical Video Streaming over Small Cells : subjective and objective quality evaluations 2018 ,		3
11	QCI and QoS Aware Downlink Packet Scheduling Algorithms for Multi-Traffic Classes over 4G and beyond Wireless Networks 2018 ,		3
10	A Comparative Performance Evaluation of the HEVC Standard with its Predecessor H.264/AVC for Medical videos over 4G and beyond Wireless Networks 2018 ,		3
9	A machine-learning scraping tool for data fusion in the analysis of sentiments about pandemics for supporting business decisions with human-centric AI explanations. <i>PeerJ Computer Science</i> , 2021 , 7, e7137	2.7	3
8	DASH-based video transmission over LTE networks 2015 ,		2
7	A Novel Single Anchor Localization Method for Wireless Sensors in 5G Satellite-Terrestrial Network. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 5595-5606	6.1	1
6	Agent-Based Simulators for Empowering Patients in Self-Care Programs Using Mobile Agents with Machine Learning. <i>Mobile Information Systems</i> , 2021 , 2021, 1-10	1.4	1
5	Computer Vision and Deep Learning-Enabled UAVs: Proposed Use Cases for Visually Impaired People in a Smart City. <i>Communications in Computer and Information Science</i> , 2019 , 91-99	0.3	1
4	Using Machine Learning Advances to Unravel Patterns in Subject Areas and Performances of University Students with Special Educational Needs and Disabilities (MAISEND): A Conceptual Approach. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 509-517	0.4	1
3	3D Robotic Surgery and Training at a Distance 2014 , 257-274		1

2	Futuristic Trends and Innovations for Examining the Performance of Course Learning Outcomes Using the Rasch Analytical Model. <i>Electronics (Switzerland)</i> , 2021 , 10, 727	2.6	1
1	Optimal Power Allocation and Cooperative Relaying under Fuzzy Inference System (FIS) Based Downlink PD-NOMA. <i>Electronics (Switzerland)</i> , 2022 , 11, 1338	2.6	0