Moustafa M Nasralla

List of Publications by Year in Descending Order

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	An Efficient Multilevel Probabilistic Model for Abnormal Traffic Detection in Wireless Sensor Networks.. *Sensors*, **2022**, 22,	3.8	4
36	A Novel Single Anchor Localization Method for Wireless Sensors in 5G Satellite-Terrestrial Network. *AEJ - Alexandria Engineering Journal*, **2022**, 61, 5595-5606	6.1	1
35	Area and energy efficient shift and accumulator unit for object detection in IoT applications. *AEJ - Alexandria Engineering Journal*, **2022**, 61, 795-809	6.1	5
34	A Parametrized Comparative Analysis of Performance Between Proposed Adaptive and Personalized Tutoring System Seis Tutor With Existing Online Tutoring System. *IEEE Access*, **2022**, 10, 39376-39386	3.5	9
33	Optimal Power Allocation and Cooperative Relaying under Fuzzy Inference System (FIS) Based Downlink PD-NOMA. *Electronics (Switzerland)*, **2022**, 11, 1338	2.6	0
32	Agent-Based Simulators for Empowering Patients in Self-Care Programs Using Mobile Agents with Machine Learning. *Mobile Information Systems*, **2021**, 2021, 1-10	1.4	1
31	Dynamic Group Formation With Intelligent Tutor Collaborative Learning: A Novel Approach for Next Generation Collaboration. *IEEE Access*, **2021**, 9, 143406-143422	3.5	3
30	Features of Mobile Apps for People with Autism in a Post COVID-19 Scenario: Current Status and Recommendations for Apps Using AI. *Diagnostics*, **2021**, 11,	3.8	4
29	MASEMUL: A Simulation Tool for Movement-Aware MANET Scheduling Strategies for Multimedia Communications. *Wireless Communications and Mobile Computing*, **2021**, 2021, 1-12	1.9	4
28	Sustainable Virtual Reality Patient Rehabilitation Systems with IoT Sensors Using Virtual Smart Cities. *Sustainability*, **2021**, 13, 4716	3.6	8
27	A Survey on the Noncooperative Environment in Smart Nodes-Based Ad Hoc Networks: Motivations and Solutions. *Security and Communication Networks*, **2021**, 2021, 1-17	1.9	4
26	A Repository of Method Fragments for Agent-Oriented Development of Learning-Based Edge Computing Systems. *IEEE Network*, **2021**, 35, 156-162	11.4	5
25	Futuristic Trends and Innovations for Examining the Performance of Course Learning Outcomes Using the Rasch Analytical Model. *Electronics (Switzerland)*, **2021**, 10, 727	2.6	1
24	A machine-learning scraping tool for data fusion in the analysis of sentiments about pandemics for supporting business decisions with human-centric AI explanations. *PeerJ Computer Science*, **2021**, 7, e713	2.7	3
23	. *IEEE Access*, **2020**, 8, 82173-82186	3.5	15
22	Defenses Against Perception-Layer Attacks on IoT Smart Furniture for Impaired People. *IEEE Access*, **2020**, 8, 119795-119805	3.5	11
21	Using Machine Learning Advances to Unravel Patterns in Subject Areas and Performances of University Students with Special Educational Needs and Disabilities (MALSEND): A Conceptual Approach. *Advances in Intelligent Systems and Computing*, **2020**, 509-517	0.4	1

20	Quantum Diffie-Hellman Extended to Dynamic Quantum Group Key Agreement for e-Healthcare Multi-Agent Systems in Smart Cities. *Sensors*, **2020**, 20,	3.8	8
19	An Intelligent Fuzzy Logic-Based Content and Channel Aware Downlink Scheduler for Scalable Video over OFDMA Wireless Systems. *Electronics (Switzerland)*, **2020**, 9, 1071	2.6	3
18	Real-Time Analysis of Online Sources for Supporting Business Intelligence Illustrated with Bitcoin Investments and IoT Smart-Meter Sensors in Smart Cities. *Electronics (Switzerland)*, **2020**, 9, 1101	2.6	5
17	Smart Cities to Improve Mobility and Quality of Life of the Visually Impaired. *EAI/Springer Innovations in Communication and Computing*, **2020**, 3-28	0.6	3
16	Computer Vision and Deep Learning-Enabled UAVs: Proposed Use Cases for Visually Impaired People in a Smart City. *Communications in Computer and Information Science*, **2019**, 91-99	0.3	1
15	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. *Electronics (Switzerland)*, **2019**, 8, 194	2.6	11
14	The Influence of Content and Device Awareness on QoE for Medical Video Streaming over Small Cells : subjective and objective quality evaluations **2018**,		3
13	QCI and QoS Aware Downlink Packet Scheduling Algorithms for Multi-Traffic Classes over 4G and beyond Wireless Networks **2018**,		3
12	Small Cell-based Ambulance Scenario for Medical Video Streaming: A 5G-health use case **2018**,		10
11	Content-aware downlink scheduling for LTE wireless systems: A survey and performance comparison of key approaches. *Computer Communications*, **2018**, 130, 78-100	5.1	19
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	Content-aware packet scheduling strategy for medical ultrasound videos over LTE wireless networks. *Computer Networks*, **2018**, 140, 126-137	5.4	11
8	Network and user centric performance analysis of scheduling strategies for video streaming over LTE **2015**,		3
7	DASH-based video transmission over LTE networks **2015**,		2
6	Subjective and objective evaluation and packet loss modeling for 3D video transmission over LTE networks **2014**,		8
5	3D Robotic Surgery and Training at a Distance **2014**, 257-274		1
4	Bandwidth scalability and efficient 2D and 3D video transmission over LTE networks **2013**,		8
3	A downlink scheduling approach for balancing QoS in LTE wireless networks **2013**,		24

2	3-D robotic tele-surgery and training over next generation wireless networks. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2013**, 2013, 6244-7	0.9	11
1	A methodology to evaluate the effect of video compression on the performance of analytics systems **2012**,		3