

Murad Khan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2349428/publications.pdf>

Version: 2024-02-01

84
papers

3,293
citations

201674

27
h-index

149698

56
g-index

86
all docs

86
docs citations

86
times ranked

3523
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of Intelligent Sensor Duty Cycling for Smart Home Automation. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2412-2421.	5.2	3
2	Developing a Cyber Incident Exercises Model to Educate Security Teams. Electronics (Switzerland), 2022, 11, 1575.	3.1	2
3	Development of an Electronic Smart Safe Box Using Private Blockchain Technology. Applied Sciences (Switzerland), 2022, 12, 6445.	2.5	1
4	Performance analysis of vertical handover techniques based on IEEE 802.21: Media independent handover standard. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3695.	3.9	5
5	Intelligent Home Energy Management System based on Bi-directional Long-short Term Memory and Reinforcement Learning. , 2021, , .		2
6	Digital Certificate Verification Scheme for Smart Grid using Fog Computing (FONICA). Sustainability, 2021, 13, 2549.	3.2	7
7	An Energy Efficient Sensor Duty Cycling for Smart Home Networks. , 2021, , .		1
8	Big Data Processing using Internet of Software Defined Things in Smart Cities. International Journal of Parallel Programming, 2020, 48, 178-191.	1.5	17
9	Integration of Big Data analytics embedded smart city architecture with RESTful web of things for efficient service provision and energy management. Future Generation Computer Systems, 2020, 107, 975-987.	7.5	68
10	A comparative study of graphic symbol recognition methods. Multimedia Tools and Applications, 2020, 79, 8695-8725.	3.9	9
11	Static malware detection and attribution in android byte-code through an end-to-end deep system. Future Generation Computer Systems, 2020, 102, 112-126.	7.5	69
12	Towards 5G network slicing for vehicular ad-hoc networks: An end-to-end approach. Computer Communications, 2020, 149, 252-258.	5.1	32
13	Scheduling Sensor Duty Cycling Based on Event Detection Using Bi-Directional Long Short-Term Memory and Reinforcement Learning. Sensors, 2020, 20, 5498.	3.8	8
14	Enhancements and Challenges in CoAPâ€™A Survey. Sensors, 2020, 20, 6391.	3.8	26
15	Mitigating Interference and Energy Issues in Smart Homes Using Internet of Things. , 2020, , .		0
16	Futuristic Sustainable Energy Management in Smart Environments: A Review of Peak Load Shaving and Demand Response Strategies, Challenges, and Opportunities. Sustainability, 2020, 12, 5561.	3.2	40
17	Towards Energy Efficient Home Automation: A Deep Learning Approach. Sensors, 2020, 20, 7187.	3.8	13
18	Development of Computer-Aided Semi-Automatic Diagnosis System for Chronic Post-Stroke Aphasia Classification with Temporal and Parietal Lesions: A Pilot Study. Applied Sciences (Switzerland), 2020, 10, 2984.	2.5	5

#	ARTICLE	IF	CITATIONS
19	Real-Time Scheduling of Operational Time for Smart Home Appliances Based on Reinforcement Learning. IEEE Access, 2020, 8, 116520-116534.	4.2	18
20	ELC: Edge Linked Caching for content updating in information-centric Internet of Things. Computer Communications, 2020, 156, 174-182.	5.1	19
21	RESTful Web of Things for Ubiquitous Smart Home Energy Management. , 2020, , .		10
22	Minimization of total harmonic distortions of cascaded H-bridge multilevel inverter by utilizing bio inspired AI algorithm. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	14
23	FIViz: Forensics Investigation through Visualization for Malware in Internet of Things. Sustainability, 2020, 12, 7262.	3.2	4
24	Human Activity Prediction-aware Sensor Cycling in Smart Home Networks. , 2020, , .		6
25	A User Profile-based Smart Home Energy Management System. , 2020, , .		2
26	Designing a Smart Transportation System: An Internet of Things and Big Data Approach. IEEE Wireless Communications, 2019, 26, 73-79.	9.0	86
27	Smart contract's interface for user centric business model in blockchain. , 2019, , .		5
28	Person detector for different overhead views using machine learning. International Journal of Machine Learning and Cybernetics, 2019, 10, 2657-2668.	3.6	27
29	Comparison of Spectral Efficiency Techniques in Device-to-Device Communication for 5G. IEEE Access, 2019, 7, 57440-57449.	4.2	22
30	Ubiquitous RESTful Smart Home Energy Management System. , 2019, , .		2
31	Deep Learning: Convergence to Big Data Analytics. SpringerBriefs in Computer Science, 2019, , .	0.2	24
32	Vehicle navigation in GPS denied environment for smart cities using vision sensors. Computers, Environment and Urban Systems, 2019, 77, 101281.	7.1	10
33	Deep learning in big data Analytics: A comparative study. Computers and Electrical Engineering, 2019, 75, 275-287.	4.8	147
34	Reference terms identification of cited articles as topics from citation contexts. Computers and Electrical Engineering, 2019, 74, 569-580.	4.8	3
35	An adaptive energy efficient scheme for energy constrained wireless sensor networks. , 2019, , .		4
36	Towards sustainable smart cities: A review of trends, architectures, components, and open challenges in smart cities. Sustainable Cities and Society, 2018, 38, 697-713.	10.4	1,020

#	ARTICLE	IF	CITATIONS
37	Abstractive Text Summarization based on Improved Semantic Graph Approach. International Journal of Parallel Programming, 2018, 46, 992-1016.	1.5	47
38	A Big Data Analytics Architecture for the Internet of Small Things. IEEE Communications Magazine, 2018, 56, 128-133.	6.1	43
39	Designing Smart Control Systems Based on Internet of Things and Big Data Analytics. Wireless Personal Communications, 2018, 99, 1683-1697.	2.7	35
40	A Real-Time Data Mining Approach for Interaction Analytics Assessment: IoT Based Student Interaction Framework. International Journal of Parallel Programming, 2018, 46, 886-903.	1.5	19
41	SGKMP: A scalable group key management protocol. Sustainable Cities and Society, 2018, 39, 37-42.	10.4	8
42	A REST-based industrial web of thingsâ€™ framework for smart warehousing. Journal of Supercomputing, 2018, 74, 4419-4433.	3.6	62
43	Internet of Things: A Comprehensive Review of Enabling Technologies, Architecture, and Challenges. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2018, 35, 205-220.	3.2	139
44	Toward modeling and optimization of features selection in Big Data based social Internet of Things. Future Generation Computer Systems, 2018, 82, 715-726.	7.5	68
45	IoT-based students interaction framework using attention-scoring assessment in eLearning. Future Generation Computer Systems, 2018, 79, 909-919.	7.5	62
46	An adaptive hybrid fuzzy-wavelet approach for image steganography using bit reduction and pixel adjustment. Soft Computing, 2018, 22, 1555-1567.	3.6	16
47	Exploiting Big Data Analytics for Urban Planning and Smart City Performance Improvement. , 2018, , .		5
48	A generic internet of things architecture for controlling electrical energy consumption in smart homes. Sustainable Cities and Society, 2018, 43, 443-450.	10.4	82
49	Urban Planning and Smart City Decision Management Empowered by Real-Time Data Processing Using Big Data Analytics. Sensors, 2018, 18, 2994.	3.8	82
50	Industrial Internet of Things Based Efficient and Reliable Data Dissemination Solution for Vehicular Ad Hoc Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-16.	1.2	14
51	Multicriteria-Based Location Privacy Preservation in Vehicular Ad Hoc Networks. Complexity, 2018, 2018, 1-12.	1.6	4
52	Load Balancing Integrated Least Slack Time-Based Appliance Scheduling for Smart Home Energy Management. Sensors, 2018, 18, 685.	3.8	36
53	Efficiently Processing Big Data in Real-Time Employing Deep Learning Algorithms. Advances in Data Mining and Database Management Book Series, 2018, , 61-78.	0.5	1
54	Non-cooperative Spectrum Sensing in Context of Primary User Detection: A Review. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2017, 34, 188-200.	3.2	7

#	ARTICLE	IF	CITATIONS
55	Fuzzy based multi-criteria vertical handover decision modeling in heterogeneous wireless networks. Multimedia Tools and Applications, 2017, 76, 24649-24674.	3.9	25
56	Detecting fraudulent labeling of rice samples using computer vision and fuzzy knowledge. Multimedia Tools and Applications, 2017, 76, 24675-24704.	3.9	12
57	Enabling multimedia aware vertical handover Management in Internet of Things based heterogeneous wireless networks. Multimedia Tools and Applications, 2017, 76, 25919-25941.	3.9	32
58	Energy efficient hierarchical resource management for mobile cloud computing. IEEE Transactions on Sustainable Computing, 2017, 2, 100-112.	3.1	27
59	You speak, we detect: Quantitative diagnosis of anomic and Wernicke's aphasia using digital signal processing techniques. , 2017, , .		4
60	Smart city designing and planning based on big data analytics. Sustainable Cities and Society, 2017, 35, 271-279.	10.4	39
61	Properties, Principles, and Metrics in Transportation CPS. SpringerBriefs in Computer Science, 2017, , 51-63.	0.2	0
62	Features Selection Model for Internet of E-Health Things Using Big Data. , 2017, , .		5
63	SDIoT: Software Defined Internet of Thing to Analyze Big Data in Smart Cities. , 2017, , .		11
64	A Web of Things-Based Emerging Sensor Network Architecture for Smart Control Systems. Sensors, 2017, 17, 332.	3.8	36
65	Energy Efficient Hierarchical Clustering Approaches in Wireless Sensor Networks: A Survey. Wireless Communications and Mobile Computing, 2017, 2017, 1-14.	1.2	111
66	Big Data Analytics Embedded Smart City Architecture for Performance Enhancement through Real-Time Data Processing and Decision-Making. Wireless Communications and Mobile Computing, 2017, 2017, 1-12.	1.2	51
67	Multicriteria Based Next Forwarder Selection for Data Dissemination in Vehicular Ad Hoc Networks Using Analytical Network Process. Mathematical Problems in Engineering, 2017, 2017, 1-18.	1.1	21
68	Semantic Interoperability in Heterogeneous IoT Infrastructure for Healthcare. Wireless Communications and Mobile Computing, 2017, 2017, 1-10.	1.2	126
69	Analytical network process based optimum cluster head selection in wireless sensor network. PLoS ONE, 2017, 12, e0180848.	2.5	37
70	A context-Aware Smart Home Control System based on ZigBee Sensor Network. KSII Transactions on Internet and Information Systems, 2017, 11, .	0.3	3
71	Context-aware low power intelligent SmartHome based on the Internet of things. Computers and Electrical Engineering, 2016, 52, 208-222.	4.8	51
72	Internet of Things Based Energy Aware Smart Home Control System. IEEE Access, 2016, 4, 7556-7566.	4.2	158

