

Atif Alamri

List of Publications by Year in descending order

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88
papers

2,988
citations

186209

28
h-index

175177

52
g-index

88
all docs

88
docs citations

88
times ranked

3280
citing authors

#	ARTICLE	IF	CITATIONS
1	D2MIF: A Malicious Model Detection Mechanism for Federated-Learning-Empowered Artificial Intelligence of Things. IEEE Internet of Things Journal, 2023, 10, 2141-2151.	5.5	15
2	On-Body Device Clustering for Security Preserving in Internet of Things. IEEE Internet of Things Journal, 2023, 10, 2852-2863.	5.5	4
3	Deep Learning-based Smart Predictive Evaluation for Interactive Multimedia-enabled Smart Healthcare. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-20.	3.0	54
4	IoT-based deep learning controlled robot vehicle for paralyzed patients of smart cities. Journal of Supercomputing, 2022, 78, 11373-11408.	2.4	4
5	An Approach for Demand Forecasting in Steel Industries Using Ensemble Learning. Complexity, 2022, 2022, 1-19.	0.9	14
6	ANN Assisted-IoT Enabled COVID-19 Patient Monitoring. IEEE Access, 2021, 9, 42483-42492.	2.6	24
7	6G-Enabled IoT Home Environment Control Using Fuzzy Rules. IEEE Internet of Things Journal, 2021, 8, 5442-5452.	5.5	47
8	NFV and Blockchain Enabled 5G for Ultra-Reliable and Low-Latency Communications in Industry: Architecture and Performance Evaluation. IEEE Transactions on Industrial Informatics, 2021, 17, 5595-5604.	7.2	16
9	A deep learning-based edge-fog-cloud framework for driving behavior management. Computers and Electrical Engineering, 2021, 96, 107573.	3.0	4
10	L-Boost: Identifying Offensive Texts From Social Media Post in Bengali. IEEE Access, 2021, 9, 164681-164699.	2.6	16
11	Optimal Dynamic Pricing for Trading-Off User Utility and Operator Profit in Smart Grid. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 455-467.	5.9	32
12	Software Defined Network-Based Multi-Access Edge Framework for Vehicular Networks. IEEE Access, 2020, 8, 4220-4234.	2.6	28
13	PWCT: a novel general-purpose visual programming language in support of pervasive application development. CCF Transactions on Pervasive Computing and Interaction, 2020, 2, 164-177.	1.7	3
14	Lies Kill, Facts Save: Detecting COVID-19 Misinformation in Twitter. IEEE Access, 2020, 8, 155961-155970.	2.6	96
15	An Effective Bio-Signal-Based Driver Behavior Monitoring System Using a Generalized Deep Learning Approach. IEEE Access, 2020, 8, 135037-135049.	2.6	20
16	A Real-time e-Health Data Collection System from On-board Vehicle Drivers in Smart City. , 2020, , .		0
17	Privacy-Preserved, Provable Secure, Mutually Authenticated Key Agreement Protocol for Healthcare in a Smart City Environment. IEEE Access, 2019, 7, 47962-47971.	2.6	52
18	An Ensemble Learning Approach for Accurate Energy Load Prediction in Residential Buildings. IEEE Access, 2019, 7, 48328-48338.	2.6	57

#	ARTICLE	IF	CITATIONS
19	Credibility in Online Social Networks: A Survey. IEEE Access, 2019, 7, 2828-2855.	2.6	69
20	Smart healthcare monitoring: a voice pathology detection paradigm for smart cities. Multimedia Systems, 2019, 25, 565-575.	3.0	165
21	Taxonomy of Factors Causing Integration Failure during Global Software Development. IEEE Access, 2018, 6, 22228-22239.	2.6	22
22	An Innovative Heuristic Algorithm for IoT-Enabled Smart Homes for Developing Countries. IEEE Access, 2018, 6, 15550-15575.	2.6	38
23	Monitoring System for Patients Using Multimedia for Smart Healthcare. IEEE Access, 2018, 6, 23271-23276.	2.6	21
24	Leveraging Analysis of User Behavior to Identify Malicious Activities in Large-Scale Social Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 799-813.	7.2	47
25	Secure Enforcement in Cognitive Internet of Vehicles. IEEE Internet of Things Journal, 2018, 5, 1242-1250.	5.5	59
26	Vulnerability Analysis for the Authentication Protocols in Trusted Computing Platforms and a Proposed Enhancement of the OffPAD Protocol. IEEE Access, 2018, 6, 6071-6081.	2.6	13
27	Efficient Quantum Information Hiding for Remote Medical Image Sharing. IEEE Access, 2018, 6, 21075-21083.	2.6	116
28	Cloud-oriented emotion feedback-based Exergames framework. Multimedia Tools and Applications, 2018, 77, 21861-21877.	2.6	3
29	User profiling for big social media data using standing ovation model. Multimedia Tools and Applications, 2018, 77, 11179-11201.	2.6	14
30	<sc>SybilTrap</sc>: A graph-based semi-supervised <sc>Sybil</sc> defense scheme for online social networks. Concurrency Computation Practice and Experience, 2018, 30, e4276.	1.4	18
31	Towards Efficient Energy Management and Power Trading in a Residential Area via Integrating a Grid-Connected Microgrid. Sustainability, 2018, 10, 1245.	1.6	57
32	A Domestic Microgrid with Optimized Home Energy Management System. Energies, 2018, 11, 1002.	1.6	37
33	Energy Management With a World-Wide Adaptive Thermostat Using Fuzzy Inference System. IEEE Access, 2018, 6, 33489-33502.	2.6	14
34	Energy-Aware Resource and Revenue Management in Federated Cloud: A Game-Theoretic Approach. IEEE Systems Journal, 2017, 11, 951-961.	2.9	21
35	Reputation-based credibility analysis of Twitter social network users. Concurrency Computation Practice and Experience, 2017, 29, e3873.	1.4	41
36	Facial Expression Recognition Utilizing Local Direction-Based Robust Features and Deep Belief Network. IEEE Access, 2017, 5, 4525-4536.	2.6	116

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37	Classification of ankle joint movements based on surface electromyography signals for rehabilitation robot applications. Medical and Biological Engineering and Computing, 2017, 55, 747-758.	1.6	31
38	Quality of service aware cloud resource provisioning for social multimedia services and applications. Multimedia Tools and Applications, 2017, 76, 14485-14509.	2.6	22
39	A mathematical and simulation model on stability and parameters of multi-equilibrium points in CNNs. , 2017, , .		0
40	Cooperative Position Aware Mobility Pattern of AUVs for Avoiding Void Zones in Underwater WSNs. Sensors, 2017, 17, 580.	2.1	10
41	Cooperative Opportunistic Pressure Based Routing for Underwater Wireless Sensor Networks. Sensors, 2017, 17, 629.	2.1	21
42	Energy Harvesting Based Body Area Networks for Smart Health. Sensors, 2017, 17, 1602.	2.1	31
43	Tradeoff between User Quality-Of-Experience and Service Provider Profit in 5G Cloud Radio Access Network. Sustainability, 2017, 9, 2127.	1.6	14
44	An Optimized Home Energy Management System with Integrated Renewable Energy and Storage Resources. Energies, 2017, 10, 549.	1.6	196
45	A Hybrid Genetic Wind Driven Heuristic Optimization Algorithm for Demand Side Management in Smart Grid. Energies, 2017, 10, 319.	1.6	137
46	Demand Side Management in Nearly Zero Energy Buildings Using Heuristic Optimizations. Energies, 2017, 10, 1131.	1.6	48
47	An Intelligent Hybrid Heuristic Scheme for Smart Metering based Demand Side Management in Smart Homes. Energies, 2017, 10, 1258.	1.6	60
48	Towards Cost and Comfort Based Hybrid Optimization for Residential Load Scheduling in a Smart Grid. Energies, 2017, 10, 1546.	1.6	58
49	A Localization Based Cooperative Routing Protocol for Underwater Wireless Sensor Networks. Mobile Information Systems, 2017, 2017, 1-16.	0.4	14
50	Self-Coexistence among IEEE 802.22 Networks: Distributed Allocation of Power and Channel. Sensors, 2017, 17, 2838.	2.1	5
51	A two-stage approach for task and resource management in multimedia cloud environment. Computing (Vienna/New York), 2016, 98, 119-145.	3.2	25
52	QoS and trust-aware coalition formation game in data-intensive cloud federations. Concurrency Computation Practice and Experience, 2016, 28, 2889-2905.	1.4	23
53	Nature-inspired multimedia service composition in a media cloud-based healthcare environment. Cluster Computing, 2016, 19, 2251-2260.	3.5	11
54	Effective QoS-aware novel resource allocation model for body sensor-integrated cloud platform. , 2016, , .		0

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55	QoS-adaptive service configuration framework for cloud-assisted video surveillance systems. <i>Multimedia Tools and Applications</i> , 2016, 75, 13333-13348.	2.6	11
56	Effective QoS-aware novel resource allocation model for body sensor-integrated cloud platform. , 2016, , .		0
57	Remote display solution for video surveillance in multimedia cloud. <i>Multimedia Tools and Applications</i> , 2016, 75, 13375-13396.	2.6	9
58	Efficient Computation Offloading Decision in Mobile Cloud Computing over 5G Network. <i>Mobile Networks and Applications</i> , 2016, 21, 777-792.	2.2	48
59	AR-based serious game framework for post-stroke rehabilitation. <i>Multimedia Systems</i> , 2016, 22, 659-674.	3.0	34
60	An energy aware event-driven routing protocol for cognitive radio sensor networks. <i>Wireless Networks</i> , 2016, 22, 1523-1536.	2.0	24
61	Privacy preserving secure data exchange in mobile P2P cloud healthcare environment. <i>Peer-to-Peer Networking and Applications</i> , 2016, 9, 894-909.	2.6	22
62	SecNRCC: a loss-tolerant secure network reprogramming with confidentiality consideration for wireless sensor networks. <i>Concurrency Computation Practice and Experience</i> , 2015, 27, 2668-2680.	1.4	5
63	CADRE: Cloud-Assisted Drug REcommendation Service for Online Pharmacies. <i>Mobile Networks and Applications</i> , 2015, 20, 348-355.	2.2	70
64	CFSF: On Cloud-Based Recommendation for Large-Scale E-commerce. <i>Mobile Networks and Applications</i> , 2015, 20, 380-390.	2.2	7
65	Design of QoS-Aware Multi-Level MAC-Layer for Wireless Body Area Network. <i>Journal of Medical Systems</i> , 2015, 39, 192.	2.2	16
66	Safety-enabled restful messaging in Ambient-Assisted Living. , 2015, , .		3
67	An Energy-efficiency Node Scheduling Game Based on Task Prediction in WSNs. <i>Mobile Networks and Applications</i> , 2015, 20, 583-592.	2.2	4
68	A new model for classifying social media users according to their behaviors. , 2015, , .		12
69	A novel prevention mechanism for Sybil attack in online social network. , 2015, , .		7
70	Selecting the best open source tools for collecting and visualizing social media content. , 2015, , .		11
71	Design of an energy-efficient and reliable data delivery mechanism for mobile <i>ad hoc</i> networks: a cross-layer approach. <i>Concurrency Computation Practice and Experience</i> , 2015, 27, 2637-2655.	1.4	11
72	Spectro-temporal directional derivative based automatic speech recognition for a serious game scenario. <i>Multimedia Tools and Applications</i> , 2015, 74, 5313-5327.	2.6	13

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73	Moving Target Tracking through Distributed Clustering in Directional Sensor Networks. Sensors, 2014, 14, 24381-24407.	2.1	18
74	A Framework for a Context-Aware Elderly Entertainment Support System. Sensors, 2014, 14, 10538-10561.	2.1	21
75	Thermal-Aware Multiconstrained Intrabody QoS Routing for Wireless Body Area Networks. International Journal of Distributed Sensor Networks, 2014, 10, 676312.	1.3	55
76	Novel remote display method for multimedia cloud. , 2014, , .		0
77	QoS-aware Resource Provisioning for Big Data Processing in Cloud Computing Environment. , 2014, , .		15
78	Ant-based service selection framework for a smart home monitoring environment. Multimedia Tools and Applications, 2013, 67, 433-453.	2.6	25
79	Health monitoring of obese people through a cloud-based serious game framework. , 2013, , .		9
80	Link failure and congestion-aware reliable data delivery mechanism for mobile ad hoc networks. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 539-551.	1.6	6
81	A Survey on Sensor-Cloud: Architecture, Applications, and Approaches. International Journal of Distributed Sensor Networks, 2013, 9, 917923.	1.3	281
82	Traffic Priority and Load Adaptive MAC Protocol for QoS Provisioning in Body Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 205192.	1.3	55
83	An exergame framework for obesity monitoring and management. , 2013, , .		4
84	Context-aware elderly entertainment support system in assisted living environment. , 2013, , .		2
85	Cloud-Based E-Health Multimedia Framework for Heterogeneous Network. , 2012, , .		11
86	Guest Editorial for Special Section on IEEE Haptic Audio Visual Environments and Games 2010. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 3498-3500.	2.4	0
87	AR-REHAB: An Augmented Reality Framework for Poststroke-Patient Rehabilitation. IEEE Transactions on Instrumentation and Measurement, 2010, 59, 2554-2563.	2.4	97
88	A deep learning-based driver distraction identification framework over edge cloud. Neural Computing and Applications, 0, , 1.	3.2	19