

Atta Ur Rehman Khan

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,495
citations

471509

17
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

1692
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Mobile Cloud Computing Application Models. IEEE Communications Surveys and Tutorials, 2014, 16, 393-413.	39.4	548
2	Resource management in cloud computing: Taxonomy, prospects, and challenges. Computers and Electrical Engineering, 2015, 47, 186-203.	4.8	142
3	Incremental proxy re-encryption scheme for mobile cloud computing environment. Journal of Supercomputing, 2014, 68, 624-651.	3.6	79
4	Clustering-based power-controlled routing for mobile wireless sensor networks. International Journal of Communication Systems, 2012, 25, 529-542.	2.5	74
5	Context-Aware Mobile Cloud Computing and Its Challenges. IEEE Cloud Computing, 2015, 2, 42-49.	3.9	70
6	BSS: block-based sharing scheme for secure data storage services in mobile cloud environment. Journal of Supercomputing, 2014, 70, 946-976.	3.6	52
7	An energy, performance efficient resource consolidation scheme for heterogeneous cloud datacenters. Journal of Network and Computer Applications, 2020, 150, 102497.	9.1	51
8	A Survey of Mobile Device Virtualization. ACM Computing Surveys, 2017, 49, 1-36.	23.0	45
9	Enhanced dynamic credential generation scheme for protection of user identity in mobile-cloud computing. Journal of Supercomputing, 2013, 66, 1687-1706.	3.6	44
10	Vehicular Ad Hoc Network (VANET) Localization Techniques: A Survey. Archives of Computational Methods in Engineering, 2021, 28, 3001-3033.	10.2	37
11	MobiByte: An Application Development Model for Mobile Cloud Computing. Journal of Grid Computing, 2015, 13, 605-628.	3.9	35
12	RedEdge: A Novel Architecture for Big Data Processing in Mobile Edge Computing Environments. Journal of Sensor and Actuator Networks, 2017, 6, 17.	3.9	35
13	Secure-CamFlow: A device-oriented security model to assist information flow control systems in cloud environments for IoTs. Concurrency Computation Practice and Experience, 2019, 31, e4729.	2.2	28
14	Improving security of the Internet of Things via RF fingerprinting based device identification system. Neural Computing and Applications, 2021, 33, 14753-14769.	5.6	28
15	Computation Offloading Cost Estimation in Mobile Cloud Application Models. Wireless Personal Communications, 2017, 97, 4897-4920.	2.7	27
16	A Cloud-Manager-Based Re-Encryption Scheme for Mobile Users in Cloud Environment: a Hybrid Approach. Journal of Grid Computing, 2015, 13, 651-675.	3.9	25
17	A lightweight and compromise-resilient authentication scheme for IoTs. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3813.	3.9	23
18	DGRU based human activity recognition using channel state information. Measurement: Journal of the International Measurement Confederation, 2021, 167, 108245.	5.0	21

#	ARTICLE	IF	CITATIONS
19	Pirax: framework for application piracy control in mobile cloud environment. Journal of Supercomputing, 2014, 68, 753-776.	3.6	18
20	A comparative study and workload distribution model for re-encryption schemes in a mobile cloud computing environment. International Journal of Communication Systems, 2017, 30, e3308.	2.5	17
21	Review and Performance Analysis of Position Based Routing in VANETs. Wireless Personal Communications, 2017, 94, 559-578.	2.7	17
22	Road Oriented Traffic Information System for Vehicular Ad hoc Networks. Wireless Personal Communications, 2014, 77, 2497-2515.	2.7	14
23	Impact of Mobility Models on Clustering Based Routing Protocols in Mobile WSNs. , 2012, , .		11
24	Real-Time Fuel Truck Detection Algorithm Based on Deep Convolutional Neural Network. IEEE Access, 2020, 8, 118808-118817.	4.2	10
25	RC-AAM: blockchain-enabled decentralized role-centric authentication and access management for distributed organizations. Cluster Computing, 2021, 24, 3551-3571.	5.0	10
26	Execution Models for Mobile Data Analytics. IT Professional, 2017, 19, 24-30.	1.5	9
27	A Novel Machine Learning Technique for Selecting Suitable Image Encryption Algorithms for IoT Applications. Wireless Communications and Mobile Computing, 2022, 2022, 1-21.	1.2	7
28	Zone of trust: blockchain assisted IoT authentication to support cross-communication between bubbles of trusted IoTs. Cluster Computing, 2023, 26, 237-254.	5.0	6
29	Merging of DHT-based logical networks in MANETs. Transactions on Emerging Telecommunications Technologies, 2015, 26, 1347-1367.	3.9	5
30	Code offloading using support vector machine. , 2016, , .		2
31	Big Data Analytics in Mobile and Cloud Computing Environments. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 349-367.	0.5	2
32	Optimized D-RAN Aware Data Retrieval for 5G Information Centric Networks. Wireless Personal Communications, 0, , 1.	2.7	2
33	High Performance Computing on Mobile Devices. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 334-348.	0.5	1
34	Identification of Yeast™s Interactome Using Neural Networks. IEEE Access, 2019, 7, 179634-179645.	4.2	0
35	AN INVESTIGATION OF VIDEO COMMUNICATION OVER BANDWIDTH LIMITED PUBLIC SAFETY NETWORK. Malaysian Journal of Computer Science, 2018, 31, 85-107.	0.8	0