

# Atta Ur Rehman Khan

## List of Publications by Year in descending order

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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	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
2	A lightweight and compromise-resistant authentication scheme for IoTs. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3813.	3.9	23
3	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
4	DGRU based human activity recognition using channel state information. Measurement: Journal of the International Measurement Confederation, 2021, 167, 108245.	5.0	21
5	Vehicular Ad Hoc Network (VANET) Localization Techniques: A Survey. Archives of Computational Methods in Engineering, 2021, 28, 3001-3033.	10.2	37
6	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
7	RC-AAM: blockchain-enabled decentralized role-centric authentication and access management for distributed organizations. Cluster Computing, 2021, 24, 3551-3571.	5.0	10
8	An energy, performance efficient resource consolidation scheme for heterogeneous cloud datacenters. Journal of Network and Computer Applications, 2020, 150, 102497.	9.1	51
9	Real-Time Fuel Truck Detection Algorithm Based on Deep Convolutional Neural Network. IEEE Access, 2020, 8, 118808-118817.	4.2	10
10	Identification of Yeast's Interactome Using Neural Networks. IEEE Access, 2019, 7, 179634-179645.	4.2	0
11	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
12	AN INVESTIGATION OF VIDEO COMMUNICATION OVER BANDWIDTH LIMITED PUBLIC SAFETY NETWORK. Malaysian Journal of Computer Science, 2018, 31, 85-107.	0.8	0
13	A Survey of Mobile Device Virtualization. ACM Computing Surveys, 2017, 49, 1-36.	23.0	45
14	Execution Models for Mobile Data Analytics. IT Professional, 2017, 19, 24-30.	1.5	9
15	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
16	Computation Offloading Cost Estimation in Mobile Cloud Application Models. Wireless Personal Communications, 2017, 97, 4897-4920.	2.7	27
17	Review and Performance Analysis of Position Based Routing in VANETs. Wireless Personal Communications, 2017, 94, 559-578.	2.7	17
18	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

#	ARTICLE	IF	CITATIONS
19	Code offloading using support vector machine. , 2016, , .		2
20	High Performance Computing on Mobile Devices. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2016, , 334-348.	0.5	1
21	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
22	Merging of DHT-based logical networks in MANETs. Transactions on Emerging Telecommunications Technologies, 2015, 26, 1347-1367.	3.9	5
23	MobiByte: An Application Development Model for Mobile Cloud Computing. Journal of Grid Computing, 2015, 13, 605-628.	3.9	35
24	Context-Aware Mobile Cloud Computing and Its Challenges. IEEE Cloud Computing, 2015, 2, 42-49.	3.9	70
25	Resource management in cloud computing: Taxonomy, prospects, and challenges. Computers and Electrical Engineering, 2015, 47, 186-203.	4.8	142
26	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
27	A Survey of Mobile Cloud Computing Application Models. IEEE Communications Surveys and Tutorials, 2014, 16, 393-413.	39.4	548
28	Pirax: framework for application piracy control in mobile cloud environment. Journal of Supercomputing, 2014, 68, 753-776.	3.6	18
29	Incremental proxy re-encryption scheme for mobile cloud computing environment. Journal of Supercomputing, 2014, 68, 624-651.	3.6	79
30	Road Oriented Traffic Information System for Vehicular Ad hoc Networks. Wireless Personal Communications, 2014, 77, 2497-2515.	2.7	14
31	BSS: block-based sharing scheme for secure data storage services in mobile cloud environment. Journal of Supercomputing, 2014, 70, 946-976.	3.6	52
32	Enhanced dynamic credential generation scheme for protection of user identity in mobile-cloud computing. Journal of Supercomputing, 2013, 66, 1687-1706.	3.6	44
33	Impact of Mobility Models on Clustering Based Routing Protocols in Mobile WSNs. , 2012, , .		11
34	Clustering-based power-controlled routing for mobile wireless sensor networks. International Journal of Communication Systems, 2012, 25, 529-542.	2.5	74
35	Optimized D-RAN Aware Data Retrieval for 5G Information Centric Networks. Wireless Personal Communications, 0, , 1.	2.7	2