Muhammad Shiraz

List of Publications by Year
in descending order

33 papers	2,017 citations	361296 20 h-index	501076 28 g-index
33 all docs	33 docs citations	33 times ranked	1872 citing authors

#	Article	IF	Citations
1	Big Data: Survey, Technologies, Opportunities, and Challenges. Scientific World Journal, The, 2014, 2014, 1-18.	0.8	313
2	A Review on Distributed Application Processing Frameworks in Smart Mobile Devices for Mobile Cloud Computing. IEEE Communications Surveys and Tutorials, 2013, 15, 1294-1313.	24.8	244
3	Application partitioning algorithms in mobile cloud computing: Taxonomy, review and future directions. Journal of Network and Computer Applications, 2015, 48, 99-117.	5.8	130
4	Network forensics: Review, taxonomy, and open challenges. Journal of Network and Computer Applications, 2016, 66, 214-235.	5.8	124
5	Cloud Service Selection Using Multicriteria Decision Analysis. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	121
6	Energy Efficient Computational Offloading Framework for Mobile Cloud Computing. Journal of Grid Computing, 2015, 13, 1-18.	2.5	119
7	Botnet detection techniques: review, future trends, and issues. Journal of Zhejiang University: Science C, 2014, 15, 943-983.	0.7	98
8	A study on virtual machine deployment for application outsourcing in mobile cloud computing. Journal of Supercomputing, 2013, 63, 946-964.	2.4	89
9	A review on interworking and mobility techniques for seamless connectivity in mobile cloud computing. Journal of Network and Computer Applications, 2014, 43, 84-102.	5.8	81
10	A lightweight active service migration framework for computational offloading in mobile cloud computing. Journal of Supercomputing, 2014, 68, 978-995.	2.4	63
11	Man-At-The-End attacks: Analysis, taxonomy, human aspects, motivation and future directions. Journal of Network and Computer Applications, 2015, 48, 44-57.	5.8	59
12	Cloud Log Forensics. ACM Computing Surveys, 2017, 49, 1-42.	16.1	59
13	SAMI: Service-based arbitrated multi-tier infrastructure for Mobile Cloud Computing. , 2012, , .		53
14	Sierpinski triangle based data center architecture in cloud computing. Journal of Supercomputing, 2014, 69, 887-907.	2.4	48
15	A Study on the Critical Analysis of Computational Offloading Frameworks for Mobile Cloud Computing. Journal of Network and Computer Applications, 2015, 47, 47-60.	5.8	48
16	Investigation on runtime partitioning of elastic mobile applications for mobile cloud computing. Journal of Supercomputing, 2014, 67, 84-103.	2.4	44
17	Coronavirus disease (COVID-19) detection using X-ray images and enhanced DenseNet. Applied Soft Computing Journal, 2021, 110, 107645.	4.1	44
18	MOMCC: Market-oriented architecture for Mobile Cloud Computing based on Service Oriented Architecture. , 2012, , .		36

#	Article	IF	Citations
19	EE-MRP: Energy-Efficient Multistage Routing Protocol for Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	0.8	34
20	A Comprehensive Review on Adaptability of Network Forensics Frameworks for Mobile Cloud Computing. Scientific World Journal, The, 2014, 2014, 1-27.	0.8	26
21	Unicast routing protocols for urban vehicular networks: review, taxonomy, and open research issues. Journal of Zhejiang University: Science C, 2014, 15, 489-513.	0.7	25
22	Data center network architecture in cloud computing: review, taxonomy, and open research issues. Journal of Zhejiang University: Science C, 2014, 15, 776-793.	0.7	24
23	Electricity Price Forecasting for Cloud Computing Using an Enhanced Machine Learning Model. IEEE Access, 2020, 8, 200971-200981.	2.6	20
24	An Extendable Simulation Framework for Modeling Application Processing Potentials of Smart Mobile Devices for Mobile Cloud Computing. , 2012, , .		18
25	Forensic challenges in mobile cloud computing. , 2014, , .		18
26	Towards port-knocking authentication methods for mobile cloud computing. Journal of Network and Computer Applications, 2017, 97, 66-78.	5.8	18
27	Towards an Applicability of Current Network Forensics for Cloud Networks: A SWOT Analysis. IEEE Access, 2016, 4, 9800-9820.	2.6	15
28	A Lightweight Distributed Framework for Computational Offloading in Mobile Cloud Computing. PLoS ONE, 2014, 9, e102270.	1.1	14
29	A Survey on Obstacle Modeling Patterns in Radio Propagation Models for Vehicular Ad Hoc Networks. Arabian Journal for Science and Engineering, 2015, 40, 1385-1407.	1.1	9
30	Towards lightweight distributed applications for mobile cloud computing. , 2012, , .		7
31	Critical Product Features' Identification Using an Opinion Analyzer. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	6
32	A Distributed and Elastic Application Processing Model for Mobile Cloud Computing. Wireless Personal Communications, 2017, 95, 4403-4423.	1.8	5
33	A Novel Mobile Wallet Model for Elderly Using Fingerprint as Authentication Factor. IEEE Access, 2020, 8, 177405-177423.	2.6	5