Rajeev Agrawal

List of Publications by Year
in descending order

51 papers	567 citations	1163117 8 h-index	794594 19 g-index
55 all docs	55 docs citations	55 times ranked	408 citing authors

#	Article	IF	Citations
1	On efficacy of Rayleigh-inverse Gaussian distribution over K-distribution for wireless fading channels. Wireless Communications and Mobile Computing, 2007, 7, 1-7.	1.2	92
2	Challenges of data integration and interoperability in big data. , 2014, , .		64
3	A Customer Centric Best Connected Channel Model for Heterogeneous and IoT Networks. Journal of Organizational and End User Computing, 2018, 30, 32-50.	2.9	58
4	A study of methodologies used in intrusion detection and prevention systems (IDPS). , 2012, , .		29
5	Study of ultrasonic echo envelope based on Nakagami-inverse Gaussian distribution. Ultrasound in Medicine and Biology, 2006, 32, 371-376.	1.5	28
6	Ultrasonic backscattering in tissue: characterization through Nakagami-generalized inverse Gaussian distribution. Computers in Biology and Medicine, 2007, 37, 166-172.	7.0	26
7	QoS based network selection scheme for 4G systems. IEEE Transactions on Consumer Electronics, 2010, 56, 560-565.	3.6	26
8	Detection and classification of brain tumor in MRI images using wavelet transform and support vector machine. Journal of Interdisciplinary Mathematics, 2020, 23, 955-966.	0.7	22
9	Effect of Friction Stir Process Parameters on Mechanical Properties of Chrome Containing Leather Waste Reinforced Aluminium Based Composite. International Journal of Precision Engineering and Manufacturing - Green Technology, 2021, 8, 935-943.	4.9	22
10	A layer based architecture for provenance in big data. , 2014, , .		15
11	Trust in cloud computing. , 2015, , .		12
12	Joint Scheduling and Resource Allocation in Uplink OFDM Systems. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	11
13	Vulnerabilities and security for ad-hoc networks. , 2010, , .		9
14	Prospects of Open Source Software for Maximizing the User Expectations in Heterogeneous Network. International Journal of Open Source Software and Processes, 2018, 9, 1-14.	0.6	8
15	AHP based network selection scheme for heterogeneous network in different traffic scenarios. International Journal of Information Technology (Singapore), 2021, 13, 2505-2513.	2.7	8
16	Diagnosis of hypercritical chronic pulmonary disorders using dense convolutional network through chest radiography. Multimedia Tools and Applications, 2022, 81, 7625-7649.	3.9	8
17	New Handover Scheme Based on User Profile: A Comparative Study. , 2010, , .		7
18	Statistical modeling of B-Mode clinical kidney images. , 2014, , .		7

#	Article	IF	Citations
19	Integrated network selection scheme for remote healthcare systems. , 2014, , .		7
20	Optimized Resource Allocation for Fog Network using Neuro-fuzzy Offloading Approach. Arabian Journal for Science and Engineering, 2022, 47, 10333-10346.	3.0	7
21	Analyzing security threats as reported by the United States Computer Emergency Readiness Team (US-CERT). , 2013, , .		6
22	Performance Evaluation of ad hoc Wireless Local Area Network in Telemedicine Applications. Procedia Computer Science, 2018, 125, 267-274.	2.0	6
23	Adaptive bandwidth adjustment for resource constrained services in fog queueing system. Cluster Computing, 2021, 24, 3837-3850.	5.0	6
24	Heterogeneous Network Access for Seamless Data Transmission in Remote Healthcare. International Journal of Grid and Distributed Computing, 2018, 11, 69-86.	0.8	6
25	Using Hadoop on the Mainframe: A Big Solution for the Challenges of Big Data. , 2015, , .		5
26	Scenario-based design for a cloud forensics portal. , 2015, , .		5
27	Development of a Stand-Alone Independent Graphical User Interface for Neurological Disease Prediction with Automated Extraction and Segmentation of Gray and White Matter in Brain MRI Images. Journal of Healthcare Engineering, 2019, 2019, 1-21.	1.9	5
28	Towards Enhanced Accuracy in Medical Diagnostics -- A Technique Utilizing Statistical and Clinical Data Analysis in the Context of Ultrasound Images. , 2013, , .		4
29	A layer based architecture for provenance in big data. , 2014, , .		4
30	Performance of routing strategy (bit error based) in fading environments for mobile adhoc networks. , 0, , .		3
31	Ranking tourist attractions using time series GPS data of cabs. , 2014, , .		3
32	Entropy based integrated diagnosis for enhanced accuracy and removal of variability in clinical inferences. , 2014, , .		3
33	Smart Grid Security Risks. , 2015, , .		3
34	Automated segmentation of gray and white matter regions in brain MRI images for computer aided diagnosis of neurodegenerative diseases. , 2017, , .		3
35	A secure handshaking aodv routing protocol (SHS-AODV). , 2018, , .		3
36	An Overloading State Computation and Load Sharing Mechanism in Fog Computing. Journal of Information Technology Research, 2021, 14, 94-106.	0.5	3

#	Article	IF	Citations
37	Network Selection for Remote Healthcare Systems through Mapping between Clinical and Network Parameter. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 31-41.	0.3	3
38	Applying machine learning techniques in detecting Bacterial Vaginosis. , 2014, 2014, 241-246.		2
39	Segmentation Tool for Extracting Gray and White Matter Regions in Brain MRI Images for Cognitive Diseases. , 2018, , .		2
40	Graphical Computational Tool for Segmentation of Gray and White Matter Regions in Brain MRI Images. , 2018, , .		2
41	Network Selection for Maximum Coverage using Regression Analysis in Deep Fading Environment. Wireless Personal Communications, 2019, 106, 1057-1074.	2.7	2
42	Composite Channel Model for Wireless Propagation with Wide-Range Signal Variation Using Rayleighâ€"Generalized Inverse Gaussian Distribution. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2022, 46, 213-223.	2.3	2
43	Opportunities and challenges for smart healthcare system in fog computing. , 2022, , 13-31.		2
44	Security mechanisms utilized in a secured cloud infrastructure. , 2013, , .		1
45	Characterization of Moving Point Objects in Geospatial Data. , 2013, , .		1
46	Probabilistic model to predict movement pattern in geospatial data. , 2015, , .		1
47	A robust fault modeling and prediction technique for heterogeneous network. , 2017, , .		1
48	Network Planning for Deep Fading Area at 1.8ÂGHz LTE Network. Wireless Personal Communications, 2021, 116, 2223-2237.	2.7	1
49	Performance analysis of MIH for enhanced network reliability through reduction of congestion borne failures. , 2014, , .		0
50	Prospects of Open Source Software for Maximizing the User Expectations in Heterogeneous Network. , 2021, , 257-271.		0
51	Game Theory as a Tool in Mobile Technologies and Applications. , 2009, , 12-24.		0