Mansaf Alam

List of Publications by Year
in descending order

58 papers	**748** citations	758635 **12** h-index	642321 **23** g-index
62 all docs	**62** docs citations	**62** times ranked	**654** citing authors

#	Article	IF	Citations
1	A survey on scholarly data: From big data perspective. Information Processing and Management, 2017, 53, 923-944.	5.4	96
2	A Lightweight Deep Learning Model for Human Activity Recognition on Edge Devices. Procedia Computer Science, 2020, 167, 2364-2373.	1.2	85
3	Recurrent neural network based hybrid model for reconstructing gene regulatory network. Computational Biology and Chemistry, 2016, 64, 322-334.	1.1	43
4	BAMHealthCloud: A biometric authentication and data management system for healthcare data in cloud. Journal of King Saud University - Computer and Information Sciences, 2020, 32, 57-64.	2.7	41
5	Analysis and Clustering of Workload in Google Cluster Trace Based on Resource Usage. , 2016, , .		41
6	ESEAP: ECC based secure and efficient mutual authentication protocol using smart card. Journal of Information Security and Applications, 2020, 51, 102443.	1.8	36
7	Machine learning-based mathematical modelling for prediction of social media consumer behavior using big data analytics. Journal of Big Data, 2021, 8, .	6.9	34
8	A survey of application: Genomics and genetic programming, a new frontier. Genomics, 2012, 100, 65-71.	1.3	27
9	Cloud-Based Big Data Analyticsâ€"A Survey of Current Research and Future Directions. Advances in Intelligent Systems and Computing, 2018, , 595-604.	0.5	23
10	Educational data mining and its role in determining factors affecting students academic performance: A systematic review. , 2016, , .		22
11	A relative study of task scheduling algorithms in cloud computing environment. , 2016, , .		20
12	Investigating IoT Middleware Platforms for Smart Application Development. Lecture Notes in Civil Engineering, 2020, , 231-244.	0.3	20
13	An efficient framework for real-time tweet classification. International Journal of Information Technology (Singapore), 2017, 9, 215-221.	1.8	19
14	A Study of Efficient Energy Management Techniques for Cloud Computing Environment. , 2019, , .		17
15	5-Layered Architecture of Cloud Database Management System. AASRI Procedia, 2013, 5, 194-199.	0.6	16
16	Fully Homomorphic Encryption Scheme with Probabilistic Encryption Based on Eulerâ€™s Theorem and Application in Cloud Computing. Advances in Intelligent Systems and Computing, 2018, , 605-611.	0.5	14
17	Educational intelligence: Applying cloud-based big data analytics to the Indian education sector. , 2016, , .		13
18	Big Data Scientific Workflows in the Cloud: Challenges and Future Prospects. Studies in Big Data, 2019, , 1-28.	0.8	12

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19	Integrative Use of IoT and Deep Learning for Agricultural Applications. Lecture Notes in Electrical Engineering, 2020, , 521-531.	0.3	12
20	Big Data Computing Using Cloud-Based Technologies. , 2017, , 393-414.		9
21	The Cryptanalysis of a Secure Authentication Scheme Based on Elliptic Curve Cryptography for IOT and Cloud Servers. , 2018, , .		8
22	Resource Management Techniques for Cloud-Based IoT Environment. , 2020, , 63-87.		8
23	A Review on Clustering of Web Search Result. Advances in Intelligent Systems and Computing, 2013, , 153-159.	0.5	7
24	Resource-Aware Min-Min (RAMM) Algorithm for Resource Allocation in Cloud Computing Environment. International Journal of Recent Technology and Engineering, 2019, 8, 1863-1870.	0.2	7
25	Cloud algebra for cloud database management system. , 2012, , .		6
26	Cloud Algebra for Handling Unstructured Data in Cloud Database Management System. International Journal on Cloud Computing Services and Architecture, 2012, 2, 35-42.	0.3	6
27	Cloud Computing in Bioinformatics and Big Data Analytics: Current Status and Future Research. Advances in Intelligent Systems and Computing, 2018, , 629-640.	0.5	6
28	Deep Learning and IoT for Agricultural Applications. , 2020, , 273-284.		6
29	Quantum-Inspired Support Vector Machines for Human Activity Recognition in Industry 4.0. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 281-290.	0.5	6
30	Labeling of Web Search Result Clusters Using Heuristic Search and Frequent Itemset. Procedia Computer Science, 2015, 46, 216-222.	1.2	5
31	Big Data Technology-Enabled Analytical Solution for Quality Assessment of Higher Education Systems. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	5
32	Edge optimized and personalized lifelogging framework using ensembled metaheuristic algorithms. Computers and Electrical Engineering, 2022, 100, 107884.	3.0	5
33	Bigdata analysis and comparison of bigdata analytic approches. , 2017, , .		4
34	Skipnet-Octree Based Indexing Technique for Cloud Database Management System. International Journal of Information Technology and Web Engineering, 2018, 13, 1-13.	1.2	4
35	On Designing a Generic Framework for Big Data-as-a-Service. , 2018, , .		4
36	PABED â€" A Tool for Big Education Data Analysis. , 2019, , .		4

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37	Migration from Relational Database into Object Oriented Database. Journal of Computer Science, 2006, 2, 781-784.	0.5	4
38	Web Search Result Clustering using Heuristic Search and Latent Semantic Indexing. International Journal of Computer Applications, 2012, 44, 28-33.	0.2	4
39	Modeling the use of voice based assistant devices (VBADs): A machine learning base an exploratory study using cluster analysis and correspondence analysis. International Journal of Information Management Data Insights, 2022, 2, 100069.	6.5	4
40	E-GENMR: Enhanced Generalized Query Processing using Double Hashing Technique through MapReduce in Cloud Database Management System. Journal of Computer Science, 2017, 13, 234-246.	0.5	3
41	A Framework for Twitter Data Analysis. Advances in Intelligent Systems and Computing, 2018, , 297-303.	0.5	3
42	Generalized Query Processing Mechanism in Cloud Database Management System. Advances in Intelligent Systems and Computing, 2018, , 641-648.	0.5	3
43	Unsupervised machine learning framework for early machine failure detection in an industry. Journal of Discrete Mathematical Sciences and Cryptography, 2021, 24, 1497-1508.	0.5	3
44	Design Flaws and Cryptanalysis of a Standard Mutual Authentication Protocol for Cloud Computing-Based Healthcare System. Lecture Notes in Electrical Engineering, 2020, , 99-109.	0.3	3
45	Exploring Non-Homogeneity and Dynamicity of High Scale Cloud through Hive and Pig. Indian Journal of Science and Technology, 2015, 8, .	0.5	3
46	Open Service Platforms for IoT. , 2020, , 43-59.		3
47	Exploiting Data Reduction Principles in Cloud-Based Data Management for Cryo-Image Data. , 2018, , .		2
48	Big Data for Treatment Planning: Pathways and Possibilities for Smart Healthcare Systems. Current Medical Imaging, 2023, 19, 19-26.	0.4	2
49	Covert Channel Detection Techniques in Cloud. , 2013, , .		1
50	Data integration of cloud-based and relational databases. , 2015, , .		1
51	Cloud Database Management System security challenges and solutions: an analysis. CSI Transactions on ICT, 2016, 4, 199-207.	0.7	1
52	Executing HIVE Queries on 3-Node Cluster and AWS Cluster—Comparative Analysis. Advances in Intelligent Systems and Computing, 2016, , 307-314.	0.5	1
53	Accelerating EGENMR Database Operations Using GPU Processing. Advances in Intelligent Systems and Computing, 2018, , 669-679.	0.5	1
54	Bivariate, cluster, and suitability analysis of NoSQL solutions for big graph applications. Advances in Computers, 2023, , 39-105.	1.2	1

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55	Access Specifiers Model for Data Security in Object Oriented Databases. , 2011, , .		0
56	A latency-aware max-min algorithm for resource allocation in cloud. International Journal of Electrical and Computer Engineering, 2021, 11, 671.	0.5	0
57	A smartcard-based key agreement framework for cloud computing using ECC. , 2021, , .		0
58	File Format s for Big Data Storage Systems. International Journal of Engineering and Advanced Technology, 2019, 9, 2906-2912.	0.2	0