Qutaibah M Malluhi

List of Publications by Year
in descending order

41	518	840585	677027
papers	citations	11 h-index	22 g-index

42	42	42	433
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LocationSpark. Proceedings of the VLDB Endowment, 2016, 9, 1565-1568.	2.1	122
2	Machine Learning for Healthcare Wearable Devices: The Big Picture. Journal of Healthcare Engineering, 2022, 2022, 1-25.	1.1	79
3	Secure and Efficient Outsourcing of Sequence Comparisons. Lecture Notes in Computer Science, 2012, , 505-522.	1.0	44
4	Trust in Cloud Services: Providing More Controls to Clients. Computer, 2013, 46, 94-96.	1.2	24
5	A resource provisioning framework for bioinformatics applications in multi-cloud environments. Future Generation Computer Systems, 2018, 78, 379-391.	4.9	23
6	Cryptocurrencies and Artificial Intelligence: Challenges and Opportunities. IEEE Access, 2020, 8, 175840-175858.	2.6	23
7	Towards On-Device Dehydration Monitoring Using Machine Learning from Wearable Deviceâ€™s Data. Sensors, 2022, 22, 1887.	2.1	17
8	FastRNABindR: Fast and Accurate Prediction of Protein-RNA Interface Residues. PLoS ONE, 2016, 11, e0158445.	1.1	14
9	CloudFlow: A data-aware programming model for cloud workflow applications on modern HPC systems. Future Generation Computer Systems, 2015, 51, 98-110.	4.9	13
10	Interpreting patient-Specific risk prediction using contextual decomposition of BiLSTMs: application to children with asthma. BMC Medical Informatics and Decision Making, 2019, 19, 214.	1.5	12
11	LocationSpark: In-memory Distributed Spatial Query Processing and Optimization. Frontiers in Big Data, 2020, 3, 30.	1.8	12
12	An efficient secure data compression technique based on chaos and adaptive Huffman coding. Peer-to-Peer Networking and Applications, 2021, 14, 2651-2664.	2.6	12
13	Securing Aggregate Queries for DNA Databases. IEEE Transactions on Cloud Computing, 2019, 7, 827-837.	3.1	11
14	Efficient Parallel Skyline Query Processing for High-Dimensional Data. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1838-1851.	4.0	10
15	A Practical and Scalable Tool to Find Overlaps between Sequences. BioMed Research International, 2015, 2015, 1-12.	0.9	9
16	The similarity-aware relational database set operators. Information Systems, 2016, 59, 79-93.	2.4	9
17	PredictPTB: an interpretable preterm birth prediction model using attention-based recurrent neural networks. BioData Mining, 2022, 15, 6.	2.2	9
18	Garbled computation in cloud. Future Generation Computer Systems, 2016, 62, 54-65.	4.9	8

#	Article	IF	Citations
19	The limit of blockchains. Communications of the ACM, 2019, 62, 64-69.	3.3	8
20	Privacy-Preserving Fog Aggregation of Smart Grid Data Using Dynamic Differentially-Private Data Perturbation. IEEE Access, 2022, 10, 43159-43174.	2.6	8
21	Secure Outsourcing of Matrix Operations as a Service. , 2013, , .		6
22	Updating outsourced anatomized private databases. , 2013, , .		6
23	A Scheme for Three-way Secure and Verifiable E-Voting. , 2018, , .		6
24	Enclave-based oblivious RAM using Intelâ€™s SGX. Computers and Security, 2020, 91, 101711.	4.0	6
25	Using the Sadakane Compressed Suffix Tree to Solve the All-Pairs Suffix-Prefix Problem. BioMed Research International, 2014, 2014, 1-11.	0.9	4
26	Data Consistency in Multi-Cloud Storage Systems With Passive Servers and Non-Communicating Clients. IEEE Access, 2020, 8, 164977-164986.	2.6	4
27	Decentralized Broadcast Encryption Schemes with Constant Size Ciphertext and Fast Decryption. Symmetry, 2020, 12, 969.	1.1	4
28	AUDIT: approving and tracking updates with dependencies in collaborative databases. Distributed and Parallel Databases, 2018, 36, 81-119.	1.0	3
29	COACT: a query interface language for collaborative databases. Distributed and Parallel Databases, 2018, 36, 121-151.	1.0	3
30	Efficient Parallel Skyline Query Processing for High-Dimensional Data. , 2019, , .		3
31	Privacy Preservation of Aggregated Data Using Virtual Battery in the Smart Grid. , 2020, , .		3
32	Anonymizing transactional datasets. Journal of Computer Security, 2015, 23, 89-106.	0.5	2
33	Role of contextual properties in enterprise service migration to cloud computing. Concurrency Computation Practice and Experience, 2013, 25, 2455-2470.	1.4	1
34	Intelligent virtual archiving for accessing news article repositories. , 2008, , .		0
35	Efficient Channel Allocation Scheme with Triangle Communication. , 2009, , .		0
36	Identifying Contextual Properties of Software Architecture in Cloud Computing. , 2011, , .		0

#	Article	IF	Citations
37	Efficient alignment of next generation sequencing data using MapReduce on the cloud. , 2012, , .		0
38	Breaking HK17 in Practice. , 2019, , .		0
39	Anomalies Detection in Software by Conceptual Learning From Normal Executions. IEEE Access, 2020, 8, 179845-179856.	2.6	0
40	Implementing and Analyzing a Recursive Technique for Building Path Oblivious RAM. , 2018, , .		0
41	Client-Based Secure IoT Data Sharing using Untrusted Clouds. , 2021, , .		0