

Muhammad Muzammal

List of Publications by Year in descending order

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46
papers

1,323
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404762

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36
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47
all docs

47
docs citations

47
times ranked

1798
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-sensor data fusion enabled ensemble approach for medical data from body sensor networks. Information Fusion, 2020, 53, 155-164.	19.9	224
2	Renovating blockchain with distributed databases: An open source system. Future Generation Computer Systems, 2019, 90, 105-117.	8.0	188
3	SMART TSS: Defining transportation system behavior using big data analytics in smart cities. Sustainable Cities and Society, 2018, 41, 114-119.	10.6	105
4	Artificial Intelligence based QoS optimization for multimedia communication in loV systems. Future Generation Computer Systems, 2019, 95, 667-680.	8.0	74
5	A Joint Deep Learning and Internet of Medical Things Driven Framework for Elderly Patients. IEEE Access, 2020, 8, 75822-75832.	4.4	71
6	A Joint Transmission Power Control and Duty-Cycle Approach for Smart Healthcare System. IEEE Sensors Journal, 2019, 19, 8479-8486.	4.8	59
7	On spatio-temporal blockchain query processing. Future Generation Computer Systems, 2019, 98, 208-218.	8.0	56
8	Towards Blockchain-Enabled Security Technique for Industrial Internet of Things Based Decentralized Applications. Journal of Grid Computing, 2020, 18, 615-628.	4.1	54
9	Towards 5G-Enabled Self Adaptive Green and Reliable Communication in Intelligent Transportation System. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5223-5231.	8.4	54
10	A decentralised approach to privacy preserving trajectory mining. Future Generation Computer Systems, 2020, 102, 382-392.	8.0	50
11	Fundus Images-Based Detection and Grading of Macular Edema Using Robust Macula Localization. IEEE Access, 2018, 6, 58784-58793.	4.4	37
12	OMDP: An ontology-based model for diagnosis and treatment of diabetes patients in remote healthcare systems. International Journal of Distributed Sensor Networks, 2019, 15, 155014771984711.	2.4	32
13	Trajectory Mining Using Uncertain Sensor Data. IEEE Access, 2018, 6, 4895-4903.	4.4	27
14	Security Requirements Engineering Framework with BPMN 2.0.2 Extension Model for Development of Information Systems. Applied Sciences (Switzerland), 2020, 10, 4981.	2.6	25
15	Mining sequential patterns from probabilistic databases. Knowledge and Information Systems, 2015, 44, 325-358.	3.4	23
16	Mining Sequential Patterns from Probabilistic Databases. Lecture Notes in Computer Science, 2011, , 210-221.	1.0	23
17	ChainMOB: Mobility Analytics on Blockchain. , 2018, , .		22
18	A Decentralized System for Green Energy Distribution in a Smart Grid. Journal of Energy Engineering - ASCE, 2020, 146, .	2.0	19

#	ARTICLE	IF	CITATIONS
19	On Probabilistic Models for Uncertain Sequential Pattern Mining. Lecture Notes in Computer Science, 2010, , 60-72.	1.0	14
20	Enabling Blockchain for Efficient Spatio-Temporal Query Processing. Lecture Notes in Computer Science, 2018, , 36-51.	1.0	13
21	Multilayered Deep Structure Tensor Delaunay Triangulation and Morphing Based Automated Diagnosis and 3D Presentation of Human Macula. Journal of Medical Systems, 2018, 42, 223.	3.9	12
22	A Robust Spatio-Temporal Verification Protocol for Blockchain. Lecture Notes in Computer Science, 2018, , 52-67.	1.0	11
23	Need-Based and Optimized Health Insurance Package Using Clustering Algorithm. Applied Sciences (Switzerland), 2021, 11, 8478.	2.6	9
24	CBCIoT: A Consensus Algorithm for Blockchain-Based IoT Applications. Applied Sciences (Switzerland), 2021, 11, 11011.	2.6	9
25	Mining Sequential Patterns from Probabilistic Databases by Pattern-Growth. Lecture Notes in Computer Science, 2011, , 118-127.	1.0	8
26	A Parallel Architecture for the Partitioning around Medoids (PAM) Algorithm for Scalable Multi-Core Processor Implementation with Applications in Healthcare. Sensors, 2018, 18, 4129.	4.0	7
27	Matching user identities across social networks with limited profile data. Frontiers of Computer Science, 2020, 14, 1.	2.5	7
28	Evaluation of Navigational Aspects of Moodle. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.8	7
29	Test Suite Prioritization Based on Optimization Approach Using Reinforcement Learning. Applied Sciences (Switzerland), 2022, 12, 6772.	2.6	6
30	CPS-based fully automatic cardiac left ventricle and left atrium segmentation in 3D MRI. Journal of Intelligent and Fuzzy Systems, 2019, 36, 4153-4164.	1.6	4
31	A decentralised approach for link inference in large signed graphs. Future Generation Computer Systems, 2020, 102, 827-837.	8.0	4
32	On Effectiveness of Fault-Seeding Using Interaction Patterns. , 2015, , .		3
33	A Decentralized Approach for Negative Link Prediction in Large Graphs. , 2018, , .		3
34	A Study on the Adoption of Blockchain for IoT Devices in Supply Chain. Computational Intelligence and Neuroscience, 2022, 2022, 1-25.	1.8	3
35	A Decentralised Disaster Detection Approach Using Image Data. , 2019, , .		2
36	An Ensemble Framework for Link Prediction in Signed Graph. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
37	Uncertainty in Sequential Pattern Mining. Lecture Notes in Computer Science, 2012, , 147-150.	1.0	2
38	Exploiting optimised communities in directed weighted graphs for link prediction. Online Social Networks and Media, 2022, 31, 100222.	3.8	2
39	Test-Suite Prioritisation by Application Navigation Tree Mining. , 2016, , .		1
40	Scene Completion Using Top-1 Similar Image. , 2016, , .		1
41	A decentralised approach to scene completion using distributed feature hashgram. Multimedia Tools and Applications, 2020, 79, 9799-9817.	4.2	1
42	Distributed Identifier-Locator Mapping Management in Mobile ILNP Networks. Electronics (Switzerland), 2020, 9, 58.	3.2	1
43	Renovating Watts and Strogatz Random Graph Generation by a Sequential Approach. Lecture Notes in Computer Science, 2018, , 348-363.	1.0	0
44	Extension of Localized Routing to PMIP-SAE Based Mobile Networks. , 2018, , .		0
45	A Novel Approach for Ranking Images Using User and Content Tags. International Journal of Advanced Computer Science and Applications, 2015, 6, .	0.8	0
46	Exploiting Modularity Maximisation in Signed Network Communities for Link Prediction. Lecture Notes in Networks and Systems, 2022, , 417-427.	0.0	0