

Aiiad A Albeshri

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

1,197
citations

17
h-index

33
g-index

70
ext. papers

1,604
ext. citations

2.2
avg, IF

5.39
L-index

#	Paper	IF	Citations
61	Intidad: A Reference Architecture and a Case Study on Developing Distributed AI Services for Skin Disease Diagnosis over Cloud, Fog and Edge.. <i>Sensors</i> , 2022 , 22,	3.8	2
60	Efficient Prediction of Court Judgments Using an LSTM+CNN Neural Network Model with an Optimal Feature Set. <i>Mathematics</i> , 2022 , 10, 683	2.3	2
59	Musawah: A Data-Driven AI Approach and Tool to Co-Create Healthcare Services with a Case Study on Cancer Disease in Saudi Arabia. <i>Sustainability</i> , 2022 , 14, 3313	3.6	5
58	BCNBI: A Blockchain-Based Security Framework for Northbound Interface in Software-Defined Networking. <i>Electronics (Switzerland)</i> , 2022 , 11, 996	2.6	1
57	Cross Deep Learning Method for Effectively Detecting the Propagation of IoT Botnet. <i>Sensors</i> , 2022 , 22, 3895	3.8	0
56	Congestion Control in Cognitive IoT-Based WSN Network for Smart Agriculture. <i>IEEE Access</i> , 2021 , 1-1	3.5	2
55	Integrating a High-Reliability Multicriteria Trust Evaluation Model with Task Role-Based Access Control for Cloud Services. <i>Symmetry</i> , 2021 , 13, 492	2.7	6
54	iResponse: An AI and IoT-Enabled Framework for Autonomous COVID-19 Pandemic Management. <i>Sustainability</i> , 2021 , 13, 3797	3.6	16
53	Novel congestion avoidance scheme for Internet of Drones. <i>Computer Communications</i> , 2021 , 169, 202-230	3.0	6
52	Iktishaf+: A Big Data Tool with Automatic Labeling for Road Traffic Social Sensing and Event Detection Using Distributed Machine Learning. <i>Sensors</i> , 2021 , 21,	3.8	15
51	Building a trust model system to avoid cloud services reputation attacks. <i>Egyptian Informatics Journal</i> , 2021 , 22, 493-493	3.1	3
50	An Image Hashing-Based Authentication and Secure Group Communication Scheme for IoT-Enabled MANETs. <i>Future Internet</i> , 2021 , 13, 166	3.3	1
49	Internet of Things Botnet Detection Approaches: Analysis and Recommendations for Future Research. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5713	2.6	4
48	A Provably Secure and Lightweight Patient-Healthcare Authentication Protocol in Wireless Body Area Networks. <i>Wireless Personal Communications</i> , 2021 , 117, 47-69	1.9	26
47	DIESEL: A novel deep learning-based tool for SpMV computations and solving sparse linear equation systems. <i>Journal of Supercomputing</i> , 2021 , 77, 6313-6355	2.5	3
46	Software Engineering for IoT-Driven Data Analytics Applications. <i>IEEE Access</i> , 2021 , 9, 48197-48217	3.5	3
45	Community detection in networks using graph embeddings. <i>Physical Review E</i> , 2021 , 103, 022316	2.4	3

44	SVSL: A Human Activity Recognition Method Using Soft-Voting and Self-Learning. <i>Algorithms</i> , 2021 , 14, 245	1.8	0
43	COVID-19: Detecting Government Pandemic Measures and Public Concerns from Twitter Arabic Data Using Distributed Machine Learning. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	22
42	UbiPriSEQDeep Reinforcement Learning to Manage Privacy, Security, Energy, and QoS in 5G IoT HetNets. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7120	2.6	17
41	Performance Analysis of Sparse Matrix-Vector Multiplication (SpMV) on Graphics Processing Units (GPUs). <i>Electronics (Switzerland)</i> , 2020 , 9, 1675	2.6	3
40	Sehaa: A Big Data Analytics Tool for Healthcare Symptoms and Diseases Detection Using Twitter, Apache Spark, and Machine Learning. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1398	2.6	36
39	Open Source and Open Data Licenses in the Smart Infrastructure Era: Review and License Selection Frameworks. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 537-559	0.6	1
38	Automatic Detection and Validation of Smart City Events Using HPC and Apache Spark Platforms. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 55-78	0.6	4
37	A Survey of Methods and Tools for Large-Scale DNA Mixture Profiling. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 217-248	0.6	5
36	Distributed Artificial Intelligence-as-a-Service (DAIaaS) for Smarter IoE and 6G Environments. <i>Sensors</i> , 2020 , 20,	3.8	33
35	An Improved Lightweight Authentication Protocol for Wireless Body Area Networks. <i>IEEE Access</i> , 2020 , 8, 190855-190872	3.5	6
34	HPC-Smart Infrastructures: A Review and Outlook on Performance Analysis Methods and Tools. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 427-451	0.6	0
33	Hybrid Statistical and Machine Learning Methods for Road Traffic Prediction: A Review and Tutorial. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 115-133	0.6	10
32	Parallel Shortest Path Big Data Graph Computations of US Road Network Using Apache Spark: Survey, Architecture, and Evaluation. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 185-214	0.6	6
31	HCDSR: A Hierarchical Clustered Fault Tolerant Routing Technique for IoT-Based Smart Societies. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 609-628	0.6	5
30	Performance Characteristics for Sparse Matrix-Vector Multiplication on GPUs. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 409-426	0.6	4
29	A secure and efficient remote patient-monitoring authentication protocol for cloud-IoT. <i>International Journal of Communication Systems</i> , 2020 , 33, e4423	1.7	10
28	Smarter Traffic Prediction Using Big Data, In-Memory Computing, Deep Learning and GPUs. <i>Sensors</i> , 2019 , 19,	3.8	44
27	Rapid Transit Systems: Smarter Urban Planning Using Big Data, In-Memory Computing, Deep Learning, and GPUs. <i>Sustainability</i> , 2019 , 11, 2736	3.6	25

26	SURAA: A Novel Method and Tool for Loadbalanced and Coalesced SpMV Computations on GPUs. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 947	2.6	13
25	Fast consensus clustering in complex networks. <i>Physical Review E</i> , 2019 , 99, 042301	2.4	11
24	TAAWUN: a Decision Fusion and Feature Specific Road Detection Approach for Connected Autonomous Vehicles. <i>Mobile Networks and Applications</i> , 2019 , 1	2.9	17
23	ZAKI: A Smart Method and Tool for Automatic Performance Optimization of Parallel SpMV Computations on Distributed Memory Machines. <i>Mobile Networks and Applications</i> , 2019 , 1	2.9	9
22	ZAKI+: A Machine Learning Based Process Mapping Tool for SpMV Computations on Distributed Memory Architectures. <i>IEEE Access</i> , 2019 , 7, 81279-81296	3.5	9
21	Analytical Techniques for Decision Making on Information Security for Big Data Breaches. <i>International Journal of Information Technology and Decision Making</i> , 2018 , 17, 527-545	2.8	6
20	Performance and Power Efficient Massive Parallel Computational Model for HPC Heterogeneous Exascale Systems. <i>IEEE Access</i> , 2018 , 6, 23095-23107	3.5	19
19	Automatic Event Detection in Smart Cities Using Big Data Analytics. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 111-122	0.2	11
18	Parallel Shortest Path Graph Computations of United States Road Network Data on Apache Spark. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 323-336	0.2	3
17	Enabling Reliable and Resilient IoT Based Smart City Applications. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 169-184	0.2	9
16	. <i>IEEE Access</i> , 2018 , 6, 32258-32285	3.5	132
15	Disaster Management in Smart Cities by Forecasting Traffic Plan Using Deep Learning and GPUs. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 139-154	0.2	18
14	DNA Profiling Methods and Tools: A Review. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 216-231	0.2	9
13	A Framework for Faster Porting of Scientific Applications Between Heterogeneous Clouds. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 27-43	0.2	1
12	UTiLearn: A Personalised Ubiquitous Teaching and Learning System for Smart Societies. <i>IEEE Access</i> , 2017 , 5, 2615-2635	3.5	89
11	A privacy preserving authentication scheme for roaming in ubiquitous networks. <i>Cluster Computing</i> , 2017 , 20, 1223-1236	2.1	17
10	Data Fusion and IoT for Smart Ubiquitous Environments: A Survey. <i>IEEE Access</i> , 2017 , 5, 9533-9554	3.5	214
9	Enabling Smarter Societies through Mobile Big Data Fogs and Clouds. <i>Procedia Computer Science</i> , 2017 , 109, 1128-1133	1.6	42

8	Enabling Next Generation Logistics and Planning for Smarter Societies. <i>Procedia Computer Science</i> , 2017 , 109, 1122-1127	1.6	57
7	Analysis of Eight Data Mining Algorithms for Smarter Internet of Things (IoT). <i>Procedia Computer Science</i> , 2016 , 98, 437-442	1.6	109
6	Big Data Security Issues Based on Quantum Cryptography and Privacy with Authentication for Mobile Data Center. <i>Procedia Computer Science</i> , 2015 , 50, 149-156	1.6	15
5	Security Completeness Problem in Wireless Sensor Networks. <i>Intelligent Automation and Soft Computing</i> , 2015 , 21, 235-250	2.6	1
4	INTWEEMS 2015 ,		2
3	Enhanced GeoProof: improved geographic assurance for data in the cloud. <i>International Journal of Information Security</i> , 2014 , 13, 191-198	2.8	13
2	GeoProof: Proofs of Geographic Location for Cloud Computing Environment 2012 ,		22
1	Mutual Protection in a Cloud Computing Environment 2010 ,		18