Jinan Fiaidhi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/987544/publications.pdf

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56	527	687363	752698
papers	citations	13 h-index	20 g-index

59	59	59	618
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving the classification performance of biological imbalanced datasets by swarm optimization algorithms. Journal of Supercomputing, 2016, 72, 3708-3728.	3.6	36
2	Adaptive Swarm Balancing Algorithms for rare-event prediction in imbalanced healthcare data. PLoS ONE, 2017, 12, e0180830.	2.5	34
3	An adaptive meta-heuristic search for the internet of things. Future Generation Computer Systems, 2017, 76, 486-494.	7.5	31
4	Real-Time Clinical Decision Support System with Data Stream Mining. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-8.	3.0	30
5	EDI with Blockchain as an Enabler for Extreme Automation. IT Professional, 2018, 20, 66-72.	1.5	29
6	Recent advances in metaheuristic algorithms: Does the Makara dragon exist?. Journal of Supercomputing, 2016, 72, 3764-3786.	3.6	22
7	Using causality modeling and Fuzzy Lattice Reasoning algorithm for predicting blood glucose. Expert Systems With Applications, 2013, 40, 7354-7366.	7.6	21
8	HCX: A Distributed OSGi Based Web Interaction System for Sharing Health Records in the Cloud. , 2010, , .		20
9	Envisioning Insight-Driven Learning Based on Thick Data Analytics With Focus on Healthcare. IEEE Access, 2020, 8, 114998-115004.	4.2	19
10	Solving the Under-Fitting Problem for Decision Tree Algorithms by Incremental Swarm Optimization in Rare-Event Healthcare Classification. Journal of Medical Imaging and Health Informatics, 2016, 6, 1102-1110.	0.3	19
11	Finding approximate solutions of NP-hard optimization and TSP problems using elephant search algorithm. Journal of Supercomputing, 2016, 72, 3960-3992.	3.6	17
12	Thick Data: A New Qualitative Analytics for Identifying Customer Insights. IT Professional, 2019, 21, 4-13.	1.5	17
13	Robust High-dimensional Bioinformatics Data Streams Mining by ODR-ioVFDT. Scientific Reports, 2017, 7, 43167.	3.3	16
14	Stream-based Biomedical Classification Algorithms for Analyzing Biosignals. Journal of Information Processing Systems, 2011, 7, 717-732.	0.9	16
15	Opinion mining over twitterspace: Classifying tweets programmatically using the R approach. , 2012, , .		13
16	Improving sEMG-based motion intention recognition for upper-limb amputees using transfer learning. Neural Computing and Applications, 2023, 35, 16101-16111.	5.6	13
17	Security and Vulnerability of Extreme Automation Systems: The IoMT and IoA Case Studies. IT Professional, 2019, 21, 48-55.	1.5	12
18	Improvised methods for tackling big data stream mining challenges: case study of human activity recognition. Journal of Supercomputing, 2016, 72, 3927-3959.	3.6	11

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19	The Robotization of Extreme Automation: The Balance Between Fear and Courage. IT Professional, 2018, 20, 87-93.	1.5	11
20	Internet of Everything as a Platform for Extreme Automation. IT Professional, 2019, 21, 21-25.	1.5	10
21	Fab Labs: A Platform for Innovation and Extreme Automation. IT Professional, 2018, 20, 83-90.	1.5	9
22	A time series pre-processing methodology with statistical and spectral analysis for classifying non-stationary stochastic biosignals. Journal of Supercomputing, 2016, 72, 3887-3908.	3.6	7
23	Virtual care for cyberâ€“physical systems (VH_CPS): NODE-RED, community of practice and thick data analytics ecosystem. Computer Communications, 2021, 170, 84-94.	5.1	7
24	Emerging IT Trends in Healthcare and Well-Being. IT Professional, 2016, 18, 9-13.	1.5	6
25	A suite of swarm dynamic multi-objective algorithms for rebalancing extremely imbalanced datasets. Applied Soft Computing Journal, 2018, 69, 784-805.	7.2	6
26	Digital Health in the Era of Extreme Automation. IT Professional, 2018, 20, 90-95.	1.5	6
27	Blockchain in eCommerce. ACM Transactions on Internet Technology, 2021, 21, 11-55.	4.4	6
28	Implementing Innovative Routing Using Software Defined Networking (SDN). International Journal of Multimedia and Ubiquitous Engineering, 2016, 11, 159-172.	0.4	6
29	GPU-enabled back-propagation artificial neural network for digit recognition in parallel. Journal of Supercomputing, 2016, 72, 3868-3886.	3.6	5
30	White Learning: A White-Box Data Fusion Machine Learning Framework for Extreme and Fast Automated Cancer Diagnosis. IT Professional, 2019, 21, 71-77.	1.5	5
31	Mining twitterspace for information: Classifying sentiments programmatically using Java. , 2012, , .		4
32	Real-time Decision Rules for Diabetes Therapy Management by Data Stream Mining. IT Professional, 2017, , 1-1.	1.5	4
33	Fast Incremental Learning With Swarm Decision Table and Stochastic Feature Selection in an IoT Extreme Automation Environment. IT Professional, 2019, 21, 14-26.	1.5	4
34	Fast and Accurate Terrain Image Classification for ASTER Remote Sensing by Data Stream Mining and Evolutionary-EAC Instance-Learning-Based Algorithm. Remote Sensing, 2021, 13, 1123.	4.0	4
35	Few Shot Learning of COVID-19 Classification Based on Sequential and Pretrained Models: A Thick Data Approach. , 2021, , .		4
36	Establishment of a mindmap for medical e-Diagnosis as a service for graph-based learning and analytics. Neural Computing and Applications, 2023, 35, 16089-16100.	5.6	4

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37	Developing Data Mining Techniques for Intruder Detection in Network Traffic. International Journal of Security and Its Applications, 2016, 10, 335-342.	0.8	4
38	Thick Data Analytics for Small Training Samples Using Siamese Neural Network and Image Augmentation. , 2022, , 57-66.		4
39	Towards implementation of residual-feedback GMDH neural network on parallel GPU memory guided by a regression curve. Journal of Supercomputing, 2016, 72, 3993-4020.	3.6	3
40	Managing Diabetes Therapy through Datastream Mining. IT Professional, 2017, 19, 50-57.	1.5	3
41	Extreme Automation: A New Game-Changing Technology. IT Professional, 2018, 20, 88-90.	1.5	3
42	Thick Data Analytics for Rating Ulcerative Colitis Severity Using Small Endoscopy Image Sample. , 2021, , .		3
43	A Safe RSS Approach for Securely Sharing Mobile SVG Biomedical Images for Web 2.0. , 2009, , .		2
44	Pathogenâ€“Host Analysis Tool (PHAT): an integrative platform to analyze next-generation sequencing data. Bioinformatics, 2019, 35, 2665-2667.	4.1	2
45	Towards Developing an Interoperability Framework for Healthcare Community of Practice. International Journal of Bio-Science and Bio-Technology, 2016, 8, 65-82.	0.2	2
46	Visualizing SVG Mobile Web Services for a Trust Network. , 2007, , .		1
47	Developing a Web 2.0 RESTful Cocoon Web Services for Telemedical Education. , 2008, , .		1
48	Mobile Computing in the Context of Calm Technology. IT Professional, 2010, 12, 14-17.	1.5	1
49	Discovering sub-patterns from time series using a normalized cross-match algorithm. Journal of Supercomputing, 2016, 72, 3850-3867.	3.6	1
50	Empowering Extreme Automation via Zero-Touch Operations and GPU Parallelization. IT Professional, 2019, 21, 27-32.	1.5	1
51	Pragmatic Interoperability for Extreme Automation and Healthcare Interoperability and Continuity. , 2021, , 31-43.		1
52	Novel evolutionary-EAC instance-learning-based algorithm for fast data stream mining in assisted living with extreme connectivity. Computing (Vienna/New York), 2021, 103, 1519-1543.	4.8	1
53	Experimenting with Clojure on Extracting Medication Information from Clinical Narratives. , 2018, , .		0
54	Innovations Using Blockchainâ€“Part 2. IT Professional, 2019, 21, 16-17.	1.5	0

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55	Innovations Using Blockchainâ€“Part 1. IT Professional, 2019, 21, 14-15.	1.5	0
56	Revisiting Medical Entity Recognition through the Guidelines of the Aurora Initiative. International Journal of Bio-Science and Bio-Technology, 2016, 8, 111-124.	0.2	0