

Jinan Fiaidhi

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

527
citations

687363

13
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752698

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59
all docs

59
docs citations

59
times ranked

618
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Improving sEMG-based motion intention recognition for upper-limb amputees using transfer learning. Neural Computing and Applications, 2023, 35, 16101-16111. | 5.6 | 13 |
| 2 | 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 |
| 3 | Thick Data Analytics for Small Training Samples Using Siamese Neural Network and Image Augmentation. , 2022, , 57-66. | | 4 |
| 4 | Pragmatic Interoperability for Extreme Automation and Healthcare Interoperability and Continuity. , 2021, , 31-43. | | 1 |
| 5 | Blockchain in eCommerce. ACM Transactions on Internet Technology, 2021, 21, 11-55. | 4.4 | 6 |
| 6 | 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 |
| 7 | 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 |
| 8 | Virtual care for cyber-physical systems (VH_CPS): NODE-RED, community of practice and thick data analytics ecosystem. Computer Communications, 2021, 170, 84-94. | 5.1 | 7 |
| 9 | Few Shot Learning of COVID-19 Classification Based on Sequential and Pretrained Models: A Thick Data Approach. , 2021, , . | | 4 |
| 10 | Thick Data Analytics for Rating Ulcerative Colitis Severity Using Small Endoscopy Image Sample. , 2021, , . | | 3 |
| 11 | Envisioning Insight-Driven Learning Based on Thick Data Analytics With Focus on Healthcare. IEEE Access, 2020, 8, 114998-115004. | 4.2 | 19 |
| 12 | Security and Vulnerability of Extreme Automation Systems: The IoMT and IoA Case Studies. IT Professional, 2019, 21, 48-55. | 1.5 | 12 |
| 13 | Innovations Using Blockchain-Part 2. IT Professional, 2019, 21, 16-17. | 1.5 | 0 |
| 14 | 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 |
| 15 | Thick Data: A New Qualitative Analytics for Identifying Customer Insights. IT Professional, 2019, 21, 4-13. | 1.5 | 17 |
| 16 | Internet of Everything as a Platform for Extreme Automation. IT Professional, 2019, 21, 21-25. | 1.5 | 10 |
| 17 | Empowering Extreme Automation via Zero-Touch Operations and GPU Parallelization. IT Professional, 2019, 21, 27-32. | 1.5 | 1 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Innovations Using Blockchainâ€“Part 1. IT Professional, 2019, 21, 14-15. | 1.5 | 0 |
| 20 | Pathogenâ€“Host Analysis Tool (PHAT): an integrative platform to analyze next-generation sequencing data. Bioinformatics, 2019, 35, 2665-2667. | 4.1 | 2 |
| 21 | Extreme Automation: A New Game-Changing Technology. IT Professional, 2018, 20, 88-90. | 1.5 | 3 |
| 22 | A suite of swarm dynamic multi-objective algorithms for rebalancing extremely imbalanced datasets. Applied Soft Computing Journal, 2018, 69, 784-805. | 7.2 | 6 |
| 23 | The Robotization of Extreme Automation: The Balance Between Fear and Courage. IT Professional, 2018, 20, 87-93. | 1.5 | 11 |
| 24 | Fab Labs: A Platform for Innovation and Extreme Automation. IT Professional, 2018, 20, 83-90. | 1.5 | 9 |
| 25 | Experimenting with Clojure on Extracting Medication Information from Clinical Narratives. , 2018, , . | | 0 |
| 26 | EDI with Blockchain as an Enabler for Extreme Automation. IT Professional, 2018, 20, 66-72. | 1.5 | 29 |
| 27 | Digital Health in the Era of Extreme Automation. IT Professional, 2018, 20, 90-95. | 1.5 | 6 |
| 28 | An adaptive meta-heuristic search for the internet of things. Future Generation Computer Systems, 2017, 76, 486-494. | 7.5 | 31 |
| 29 | Robust High-dimensional Bioinformatics Data Streams Mining by ODR-ioVFDT. Scientific Reports, 2017, 7, 43167. | 3.3 | 16 |
| 30 | Real-time Decision Rules for Diabetes Therapy Management by Data Stream Mining. IT Professional, 2017, , 1-1. | 1.5 | 4 |
| 31 | Managing Diabetes Therapy through Datastream Mining. IT Professional, 2017, 19, 50-57. | 1.5 | 3 |
| 32 | Adaptive Swarm Balancing Algorithms for rare-event prediction in imbalanced healthcare data. PLoS ONE, 2017, 12, e0180830. | 2.5 | 34 |
| 33 | Finding approximate solutions of NP-hard optimization and TSP problems using elephant search algorithm. Journal of Supercomputing, 2016, 72, 3960-3992. | 3.6 | 17 |
| 34 | 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 |
| 35 | Emerging IT Trends in Healthcare and Well-Being. IT Professional, 2016, 18, 9-13. | 1.5 | 6 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | GPU-enabled back-propagation artificial neural network for digit recognition in parallel. Journal of Supercomputing, 2016, 72, 3868-3886. | 3.6 | 5 |
| 38 | 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 |
| 39 | Discovering sub-patterns from time series using a normalized cross-match algorithm. Journal of Supercomputing, 2016, 72, 3850-3867. | 3.6 | 1 |
| 40 | Improving the classification performance of biological imbalanced datasets by swarm optimization algorithms. Journal of Supercomputing, 2016, 72, 3708-3728. | 3.6 | 36 |
| 41 | Recent advances in metaheuristic algorithms: Does the Makara dragon exist?. Journal of Supercomputing, 2016, 72, 3764-3786. | 3.6 | 22 |
| 42 | 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 |
| 43 | Implementing Innovative Routing Using Software Defined Networking (SDN). International Journal of Multimedia and Ubiquitous Engineering, 2016, 11, 159-172. | 0.4 | 6 |
| 44 | Developing Data Mining Techniques for Intruder Detection in Network Traffic. International Journal of Security and Its Applications, 2016, 10, 335-342. | 0.8 | 4 |
| 45 | 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 |
| 46 | 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 |
| 47 | Using causality modeling and Fuzzy Lattice Reasoning algorithm for predicting blood glucose. Expert Systems With Applications, 2013, 40, 7354-7366. | 7.6 | 21 |
| 48 | Mining twitterspace for information: Classifying sentiments programmatically using Java. , 2012, , . | | 4 |
| 49 | Real-Time Clinical Decision Support System with Data Stream Mining. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-8. | 3.0 | 30 |
| 50 | Opinion mining over twitterspace: Classifying tweets programmatically using the R approach. , 2012, , . | | 13 |
| 51 | Stream-based Biomedical Classification Algorithms for Analyzing Biosignals. Journal of Information Processing Systems, 2011, 7, 717-732. | 0.9 | 16 |
| 52 | Mobile Computing in the Context of Calm Technology. IT Professional, 2010, 12, 14-17. | 1.5 | 1 |
| 53 | HXC: A Distributed OSGi Based Web Interaction System for Sharing Health Records in the Cloud. , 2010, , . | | 20 |
| 54 | A Safe RSS Approach for Securely Sharing Mobile SVG Biomedical Images for Web 2.0. , 2009, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 55 | Developing a Web 2.0 RESTful Cocoon Web Services for Telemedical Education. , 2008, , . | | 1 |
| 56 | Visualizing SVG Mobile Web Services for a Trust Network. , 2007, , . | | 1 |