

Daniel Peralta

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,025
citations

516681

16
h-index

610883

24
g-index

30
all docs

30
docs citations

30
times ranked

1090
citing authors

#	ARTICLE	IF	CITATIONS
1	Average Localised Proximity: A new data descriptor with good default one-class classification performance. <i>Pattern Recognition</i> , 2021, 118, 107991.	8.1	9
2	Adapting Fuzzy Rough Sets for Classification with Missing Values. <i>Lecture Notes in Computer Science</i> , 2021, , 192-200.	1.3	0
3	SCMFTS: Scalable and Distributed Complexity Measures and Features for Univariate and Multivariate Time Series in Big Data Environments. <i>International Journal of Computational Intelligence Systems</i> , 2021, 14, 1.	2.7	3
4	A study on the calibration of fingerprint classifiers. , 2021, , .		0
5	Classification of Human White Blood Cells Using Machine Learning for Stain-Free Imaging Flow Cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 308-319.	1.5	73
6	Scalable Approximate FRNN-OWA Classification. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 929-938.	9.8	11
7	Asynchronous Processing for Latent Fingerprint Identification on Heterogeneous CPU-GPU Systems. <i>IEEE Access</i> , 2020, 8, 124236-124253.	4.2	9
8	Robust unsupervised dimensionality reduction based on feature clustering for single-cell imaging data. <i>Applied Soft Computing Journal</i> , 2020, 93, 106421.	7.2	19
9	fuzzy-rough-learn 0.1: A Python Library for Machine Learning with Fuzzy Rough Sets. <i>Lecture Notes in Computer Science</i> , 2020, , 491-499.	1.3	10
10	Heap-Based Algorithms to Accelerate Fingerprint Matching on Parallel Platforms. <i>Communications in Computer and Information Science</i> , 2019, , 61-72.	0.5	0
11	A Scalable Approach to Fuzzy Rough Nearest Neighbour Classification with Ordered Weighted Averaging Operators. <i>Lecture Notes in Computer Science</i> , 2019, , 197-209.	1.3	2
12	Distributed, Numerically Stable Distance and Covariance Computation with MPI for Extremely Large Datasets. , 2019, , .		4
13	Multiobjective Optimization for Railway Maintenance Plans. <i>Journal of Computing in Civil Engineering</i> , 2018, 32, .	4.7	21
14	On the use of convolutional neural networks for robust classification of multiple fingerprint captures. <i>International Journal of Intelligent Systems</i> , 2018, 33, 213-230.	5.7	58
15	Minutiae-based fingerprint matching decomposition: Methodology for big data frameworks. <i>Information Sciences</i> , 2017, 408, 198-212.	6.9	26
16	Distributed incremental fingerprint identification with reduced database penetration rate using a hierarchical classification based on feature fusion and selection. <i>Knowledge-Based Systems</i> , 2017, 126, 91-103.	7.1	29
17	A snapshot of image pre-processing for convolutional neural networks: case study of MNIST. <i>International Journal of Computational Intelligence Systems</i> , 2017, 10, 555.	2.7	52
18	DPD-DFF: A dual phase distributed scheme with double fingerprint fusion for fast and accurate identification in large databases. <i>Information Fusion</i> , 2016, 32, 40-51.	19.1	17

#	ARTICLE	IF	CITATIONS
19	Randomized greedy multi-start algorithm for the minimum common integer partition problem. Engineering Applications of Artificial Intelligence, 2016, 50, 226-235.	8.1	4
20	Evolutionary Feature Selection for Big Data Classification: A MapReduce Approach. Mathematical Problems in Engineering, 2015, 2015, 1-11.	1.1	97
21	A survey of fingerprint classification Part I: Taxonomies on feature extraction methods and learning models. Knowledge-Based Systems, 2015, 81, 76-97.	7.1	57
22	A survey of fingerprint classification Part II: Experimental analysis and ensemble proposal. Knowledge-Based Systems, 2015, 81, 98-116.	7.1	40
23	A survey on fingerprint minutiae-based local matching for verification and identification: Taxonomy and experimental evaluation. Information Sciences, 2015, 315, 67-87.	6.9	115
24	MRPR: A MapReduce solution for prototype reduction in big data classification. Neurocomputing, 2015, 150, 331-345.	5.9	204
25	A combined MapReduce-windowing two-level parallel scheme for evolutionary prototype generation. , 2014, , .		5
26	Fast fingerprint identification for large databases. Pattern Recognition, 2014, 47, 588-602.	8.1	51
27	Minutiae filtering to improve both efficacy and efficiency of fingerprint matching algorithms. Engineering Applications of Artificial Intelligence, 2014, 32, 37-53.	8.1	27
28	E-learning and educational data mining in cloud computing: an overview. International Journal of Learning Technology, 2014, 9, 25.	0.2	33
29	An Overview of E-Learning in Cloud Computing. Advances in Intelligent Systems and Computing, 2012, , 35-46.	0.6	49
30	Optimised one-class classification performance. Machine Learning, 0, , 1.	5.4	0