

Noel Lopes

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

261
citations

1162367

8
h-index

1058022

14
g-index

38
all docs

38
docs citations

38
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	GPU-based fast clustering via K -Centres and k -NN mode seeking for geospatial industry applications. <i>Computers in Industry</i> , 2020, 122, 103260.	5.7	4
2	Novel Trends in Scaling Up Machine Learning Algorithms. , 2017, , .		3
3	Trading off Distance Metrics vs Accuracy in Incremental Learning Algorithms. <i>Lecture Notes in Computer Science</i> , 2017, , 530-538.	1.0	1
4	On the Impact of Distance Metrics in Instance-Based Learning Algorithms. <i>Lecture Notes in Computer Science</i> , 2015, , 48-56.	1.0	6
5	Learning the hash code with generalised regression neural networks for handwritten signature biometric data retrieval. , 2015, , .		0
6	Machine Learning for Adaptive Many-Core Machines - A Practical Approach. <i>Studies in Big Data</i> , 2015, , .	0.8	13
7	Deep Belief Networks (DBNs). <i>Studies in Big Data</i> , 2015, , 155-186.	0.8	10
8	Incremental Hypersphere Classifier (IHC). <i>Studies in Big Data</i> , 2015, , 107-123.	0.8	4
9	Non-Negative Matrix Factorization (NMF). <i>Studies in Big Data</i> , 2015, , 127-154.	0.8	3
10	Support Vector Machines (SVMs). <i>Studies in Big Data</i> , 2015, , 85-105.	0.8	3
11	Signature identification via efficient feature selection and GPU-based SVM classifier. , 2014, , .		4
12	Towards adaptive learning with improved convergence of deep belief networks on graphics processing units. <i>Pattern Recognition</i> , 2014, 47, 114-127.	5.1	53
13	Improving Convergence of Restricted Boltzmann Machines via a Learning Adaptive Step Size. <i>Lecture Notes in Computer Science</i> , 2012, , 511-518.	1.0	2
14	Towards a hybrid NMF-based neural approach for face recognition on GPUs. <i>International Journal of Data Mining, Modelling and Management</i> , 2012, 4, 138.	0.1	0
15	Restricted Boltzmann Machines and Deep Belief Networks on multi-core processors. , 2012, , .		14
16	Multi-threaded Support Vector Machines for Pattern Recognition. <i>Lecture Notes in Computer Science</i> , 2012, , 616-623.	1.0	4
17	An Incremental Hypersphere Learning Framework for Protein Membership Prediction. <i>Lecture Notes in Computer Science</i> , 2012, , 429-439.	1.0	4
18	HANDLING MISSING VALUES VIA A NEURAL SELECTIVE INPUT MODEL. <i>Neural Network World</i> , 2012, 22, 357-370.	0.5	6

#	ARTICLE	IF	CITATIONS
19	Evaluation of a Resource Allocating Network with Long Term Memory Using GPU. Lecture Notes in Computer Science, 2011, , 41-50.	1.0	2
20	AN EVALUATION OF MULTIPLE FEED-FORWARD NETWORKS ON GPUs. International Journal of Neural Systems, 2011, 21, 31-47.	3.2	26
21	Deep Belief Networks for Financial Prediction. Lecture Notes in Computer Science, 2011, , 766-773.	1.0	21
22	A fast optimized semi-supervised non-negative Matrix Factorization algorithm. , 2011, , .		3
23	An Incremental Class Boundary Preserving Hypersphere Classifier. Lecture Notes in Computer Science, 2011, , 690-699.	1.0	5
24	A Robust Learning Model for Dealing with Missing Values in Many-Core Architectures. Lecture Notes in Computer Science, 2011, , 108-117.	1.0	0
25	Improving recall values in breast cancer diagnosis with Incremental Background Knowledge. , 2010, , .		2
26	High-performance bankruptcy prediction model using Graphics Processing Units. , 2010, , .		2
27	Non-negative Matrix Factorization Implementation Using Graphic Processing Units. Lecture Notes in Computer Science, 2010, , 275-283.	1.0	13
28	A strategy for dealing with missing values by using selective activation neurons in a multi-topology framework. , 2010, , .		3
29	GPUMLib: A new Library to combine Machine Learning algorithms with Graphics Processing Units. , 2010, , .		12
30	A Hybrid Face Recognition Approach Using GPUMLib. Lecture Notes in Computer Science, 2010, , 96-103.	1.0	0
31	GPU Implementation of the Multiple Back-Propagation Algorithm. Lecture Notes in Computer Science, 2009, , 449-456.	1.0	16