

Leandro A Silva

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

241
citations

1307594

7
h-index

1058476

14
g-index

36
all docs

36
docs citations

36
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Motor Failure Time Using An Artificial Neural Network. Sensors, 2019, 19, 4342.	3.8	47
2	BeeRBF: A bee-inspired data clustering approach to design RBF neural network classifiers. Neurocomputing, 2016, 172, 427-437.	5.9	37
3	Data Mining Framework to Analyze the Evolution of Computational Thinking Skills in Game Building Workshops. IEEE Access, 2019, 7, 82848-82866.	4.2	19
4	Valley notch filter in a graphene strain superlattice: Green's function and machine learning approach. Physical Review B, 2019, 100, .	3.2	17
5	A SOM combined with KNN for classification task. , 2011, , .		16
6	Simple hemogram to support the decision-making of COVID-19 diagnosis using clusters analysis with self-organizing maps neural network. Soft Computing, 2023, 27, 3295-3306.	3.6	13
7	Classification of breast masses using a committee machine of artificial neural networks. Journal of Electronic Imaging, 2008, 17, 013017.	0.9	12
8	3D Reconstruction of Non-Rigid Plants and Sensor Data Fusion for Agriculture Phenotyping. Sensors, 2021, 21, 4115.	3.8	9
9	A Machine Learning Modeling Framework for Predictive Maintenance Based on Equipment Load Cycle: An Application in a Real World Case. Energies, 2022, 15, 3724.	3.1	7
10	A Methodology Using Neural Network to Cluster Validity Discovered from a Marketing Database. Brazilian Symposium on Neural Networks, Proceedings of the, 2008, , .	0.0	6
11	A Bee-Inspired Data Clustering Approach to Design RBF Neural Network Classifiers. Advances in Intelligent Systems and Computing, 2014, , 545-552.	0.6	6
12	Prototype Generation Using Self-Organizing Maps for Informativeness-Based Classifier. Computational Intelligence and Neuroscience, 2017, 2017, 1-15.	1.7	6
13	Visual Interpretation of Self Organizing Maps. , 2010, , .		5
14	A Framework for Big Data Analytical Process and Mapping – BAProm: Description of an Application in an Industrial Environment. Energies, 2020, 13, 6014.	3.1	4
15	A model to estimate the Self-Organizing Maps grid dimension for Prototype Generation. Intelligent Data Analysis, 2021, 25, 321-338.	0.9	4
16	Filtering-Based Instance Selection Method for Overlapping Problem in Imbalanced Datasets. J, 2021, 4, 308-327.	0.9	4
17	Supporting Clinical COVID-19 Diagnosis with Routine Blood Tests Using Tree-Based Entropy Structured Self-Organizing Maps. Applied Sciences (Switzerland), 2022, 12, 5137.	2.5	4
18	A self-organizing architecture of recursive elements for continuous learning. , 2008, , .		3

#	ARTICLE	IF	CITATIONS
19	Data classification combining Self-Organizing Maps and Informative Nearest Neighbor. , 2016, , .		3
20	An Architecture for the Internet of Things and the Use of Big Data Techniques in the Analysis of Carbon Monoxide. , 2017, , .		3
21	A Comparison of Dimensionality Reduction Methods Using Topology Preservation Indexes. Lecture Notes in Computer Science, 2011, , 437-445.	1.3	3
22	Thresholding the Courtesy Amount of Brazilian Bank Checks Using a Local Methodology. Communications in Computer and Information Science, 2015, , 213-221.	0.5	2
23	Self-organizing maps to find computational thinking features in a game building workshop. , 2017, , .		2
24	Prototype Selection Using Self-Organizing-Maps and Entropy for Overlapped Classes and Imbalanced Data. , 2018, , .		2
25	Fine-tuning of the SOMkNN classifier. , 2013, , .		1
26	Pattern recognition in mammographic images used by the residents in mammography. , 2013, , .		1
27	Data Quality Measurement Framework. , 2018, , .		1
28	Self-Organizing Maps Applied as Analysis Tool of Reading Cognitive Test. IEEE Latin America Transactions, 2018, 16, 1817-1824.	1.6	1
29	A Graph Partitioning Approach to SOM Clustering. Lecture Notes in Computer Science, 2011, , 152-159.	1.3	1
30	ExtraÃ§Ã£o de insights sobre dÃ©vidas em questÃµes do Stack Overflow usando Mapas Auto-OrganizÃ¡veis. , 0, , .		1
31	Data analysis from internships and complementar activities for identifying gaps in pedagogical projects on courses of the Information Technology area. , 2014, , .		0
32	Screening Feasibility and Comparison of Deep Artificial Neural Networks Algorithms for Classification of Skin Lesions. , 2018, , .		0
33	A Self-generating Prototype Method Based on Information Entropy Used for Condensing Data in Classification Tasks. Lecture Notes in Computer Science, 2019, , 195-207.	1.3	0