

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	Simple hemogram to support the decision-making of COVID-19 diagnosis using clusters analysis with self-organizing maps neural network. <i>Soft Computing</i> , 2023, 27, 3295-3306.	3.6	13
2	A Machine Learning Modeling Framework for Predictive Maintenance Based on Equipment Load Cycle: An Application in a Real World Case. <i>Energies</i> , 2022, 15, 3724.	3.1	7
3	Supporting Clinical COVID-19 Diagnosis with Routine Blood Tests Using Tree-Based Entropy Structured Self-Organizing Maps. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5137.	2.5	4
4	A model to estimate the Self-Organizing Maps grid dimension for Prototype Generation. <i>Intelligent Data Analysis</i> , 2021, 25, 321-338.	0.9	4
5	3D Reconstruction of Non-Rigid Plants and Sensor Data Fusion for Agriculture Phenotyping. <i>Sensors</i> , 2021, 21, 4115.	3.8	9
6	Filtering-Based Instance Selection Method for Overlapping Problem in Imbalanced Datasets. <i>J</i> , 2021, 4, 308-327.	0.9	4
7	A Framework for Big Data Analytical Process and Mapping – BAProm: Description of an Application in an Industrial Environment. <i>Energies</i> , 2020, 13, 6014.	3.1	4
8	Prediction of Motor Failure Time Using An Artificial Neural Network. <i>Sensors</i> , 2019, 19, 4342.	3.8	47
9	Valley notch filter in a graphene strain superlattice: Green's function and machine learning approach. <i>Physical Review B</i> , 2019, 100, .	3.2	17
10	Data Mining Framework to Analyze the Evolution of Computational Thinking Skills in Game Building Workshops. <i>IEEE Access</i> , 2019, 7, 82848-82866.	4.2	19
11	A Self-generating Prototype Method Based on Information Entropy Used for Condensing Data in Classification Tasks. <i>Lecture Notes in Computer Science</i> , 2019, , 195-207.	1.3	0
12	Screening Feasibility and Comparison of Deep Artificial Neural Networks Algorithms for Classification of Skin Lesions. , 2018, , .		0
13	Data Quality Measurement Framework. , 2018, , .		1
14	Prototype Selection Using Self-Organizing-Maps and Entropy for Overlapped Classes and Imbalanced Data. , 2018, , .		2
15	Self-Organizing Maps Applied as Analysis Tool of Reading Cognitive Test. <i>IEEE Latin America Transactions</i> , 2018, 16, 1817-1824.	1.6	1
16	An Architecture for the Internet of Things and the Use of Big Data Techniques in the Analysis of Carbon Monoxide. , 2017, , .		3
17	Self-organizing maps to find computational thinking features in a game building workshop. , 2017, , .		2
18	Prototype Generation Using Self-Organizing Maps for Informativeness-Based Classifier. <i>Computational Intelligence and Neuroscience</i> , 2017, 2017, 1-15.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Data classification combining Self-Organizing Maps and Informative Nearest Neighbor. , 2016, , .		3
20	BeeRBF: A bee-inspired data clustering approach to design RBF neural network classifiers. Neurocomputing, 2016, 172, 427-437.	5.9	37
21	Thresholding the Courtesy Amount of Brazilian Bank Checks Using a Local Methodology. Communications in Computer and Information Science, 2015, , 213-221.	0.5	2
22	Data analysis from internships and complementar activities for identifying gaps in pedagogical projects on courses of the Information Technology area. , 2014, , .		0
23	A Bee-Inspired Data Clustering Approach to Design RBF Neural Network Classifiers. Advances in Intelligent Systems and Computing, 2014, , 545-552.	0.6	6
24	Fine-tuning of the SOMkNN classifier. , 2013, , .		1
25	Pattern recognition in mammographic images used by the residents in mammography. , 2013, , .		1
26	A SOM combined with KNN for classification task. , 2011, , .		16
27	A Comparison of Dimensionality Reduction Methods Using Topology Preservation Indexes. Lecture Notes in Computer Science, 2011, , 437-445.	1.3	3
28	A Graph Partitioning Approach to SOM Clustering. Lecture Notes in Computer Science, 2011, , 152-159.	1.3	1
29	Visual Interpretation of Self Organizing Maps. , 2010, , .		5
30	A self-organizing architecture of recursive elements for continuous learning. , 2008, , .		3
31	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
32	Classification of breast masses using a committee machine of artificial neural networks. Journal of Electronic Imaging, 2008, 17, 013017.	0.9	12
33	ExtraÃ§Ão de insights sobre dÃ©vidas em questÃµes do Stack Overflow usando Mapas Auto-OrganizÃ¡veis. , 0, , .		1