

Paulo Vitor De Campos Souza

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

622
citations

623574

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677027

22
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all docs

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docs citations

51
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	An advanced interpretable Fuzzy Neural Network model based on uni-nullneuron constructed from n-uniforms. <i>Fuzzy Sets and Systems</i> , 2022, 426, 1-26.	1.6	19
2	EFNN-NullUni: An evolving fuzzy neural network based on null-uniform. <i>Fuzzy Sets and Systems</i> , 2022, 449, 1-31.	1.6	8
3	EFNN-Gen " a uni-nullneuron-based evolving fuzzy neural network with generalist rules. , 2022, , .		1
4	Autonomous Data Density pruning fuzzy neural network for Optical Interconnection Network. <i>Evolving Systems</i> , 2021, 12, 899-911.	2.4	3
5	Extreme Wavelet Fast Learning Machine for Evaluation of the Default Profile on Financial Transactions. <i>Computational Economics</i> , 2021, 57, 1263-1285.	1.5	2
6	Self-organized direction aware for regularized fuzzy neural networks. <i>Evolving Systems</i> , 2021, 12, 303-317.	2.4	11
7	An intelligent Bayesian hybrid approach to help autism diagnosis. <i>Soft Computing</i> , 2021, 25, 9163-9183.	2.1	6
8	Regularized neuro-fuzzy AI model to aid score management in Online distance learning forums. , 2021, , .		0
9	An evolving neuro-fuzzy system based on uni-nullneurons with advanced interpretability capabilities. <i>Neurocomputing</i> , 2021, 451, 231-251.	3.5	20
10	An interpretable evolving fuzzy neural network based on self-organized direction-aware data partitioning and fuzzy logic neurons. <i>Applied Soft Computing Journal</i> , 2021, 112, 107829.	4.1	12
11	Stochastic parallel extreme artificial hydrocarbon networks: An implementation for fast and robust supervised machine learning in high-dimensional data. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 89, 103427.	4.3	14
12	Identification of Heart Sounds with an Interpretable Evolving Fuzzy Neural Network. <i>Sensors</i> , 2020, 20, 6477.	2.1	9
13	EGFC: Evolving Gaussian Fuzzy Classifier from Never-Ending Semi-Supervised Data Streams " With Application to Power Quality Disturbance Detection and Classification. , 2020, , .		10
14	Knowledge extraction about patients surviving breast cancer treatment through an autonomous fuzzy neural network. , 2020, , .		2
15	An Advanced Pruning Method in the Architecture of Extreme Learning Machines Using L1-Regularization and Bootstrapping. <i>Electronics (Switzerland)</i> , 2020, 9, 811.	1.8	13
16	Evolving fuzzy neural hydrocarbon networks: A model based on organic compounds. <i>Knowledge-Based Systems</i> , 2020, 203, 106099.	4.0	16
17	An Intelligent Hybrid Model for the Construction of Expert Systems in Malware Detection. , 2020, , .		6
18	Detection of Anomalies in Large-Scale Cyberattacks Using Fuzzy Neural Networks. <i>AI</i> , 2020, 1, 92-116.	2.1	12

#	ARTICLE	IF	CITATIONS
19	Fuzzy neural networks and neuro-fuzzy networks: A review the main techniques and applications used in the literature. <i>Applied Soft Computing Journal</i> , 2020, 92, 106275.	4.1	131
20	Development of Fast and Reliable Nature-Inspired Computing for Supervised Learning in High-Dimensional Data. <i>Studies in Computational Intelligence</i> , 2020, , 109-138.	0.7	4
21	An Interpretable Machine Learning Model for Human Fall Detection Systems Using Hybrid Intelligent Models. <i>Studies in Systems, Decision and Control</i> , 2020, , 181-205.	0.8	5
22	Hybrid Model for Parkinson's Disease Prediction. <i>Communications in Computer and Information Science</i> , 2020, , 621-634.	0.4	4
23	A Comparative Analysis of Evolutionary Learning in Artificial Hydrocarbon Networks. <i>Lecture Notes in Computer Science</i> , 2020, , 223-234.	1.0	0
24	Evolving fuzzy neural networks to aid in the construction of systems specialists in cyber attacks. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 6743-6763.	0.8	15
25	Intelligent Control Navigation Emerging on Multiple Mobile Robots Applying Social Wound Treatment. , 2019, , .		0
26	Data density-based clustering for regularized fuzzy neural networks based on null neurons and robust activation function. <i>Soft Computing</i> , 2019, 23, 12475-12489.	2.1	23
27	A hybrid approach of intelligent systems to help predict absenteeism at work in companies. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	16
28	Pruning Fuzzy Neural Network Applied to the Construction of Expert Systems to Aid in the Diagnosis of the Treatment of Cryotherapy and Immunotherapy. <i>Big Data and Cognitive Computing</i> , 2019, 3, 22.	2.9	18
29	A Hybrid Model Based on Fuzzy Rules to Act on the Diagnosed of Autism in Adults. <i>IFIP Advances in Information and Communication Technology</i> , 2019, , 401-412.	0.5	8
30	Incremental regularized Data Density-Based Clustering neural networks to aid in the construction of effort forecasting systems in software development. <i>Applied Intelligence</i> , 2019, 49, 3221-3234.	3.3	16
31	Pulsar Detection for Wavelets SODA and Regularized Fuzzy Neural Networks Based on Andneuron and Robust Activation Function. <i>International Journal on Artificial Intelligence Tools</i> , 2019, 28, 1950003.	0.7	15
32	Using Resistin, Glucose, Age and BMI and Pruning Fuzzy Neural Network for the Construction of Expert Systems in the Prediction of Breast Cancer. <i>Machine Learning and Knowledge Extraction</i> , 2019, 1, 466-482.	3.2	48
33	Fuzzy Rules to Help Predict Rains and Temperatures in a Brazilian Capital State Based on Data Collected from Satellites. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5476.	1.3	2
34	Using hybrid systems in the construction of expert systems in the identification of cognitive and motor problems in children and young people. , 2019, , .		11
35	A Method to Improve Speed of Training Algorithm in Artificial Hydrocarbon Networks. , 2019, , .		0
36	Bayesian Fuzzy Clustering neural network for regression problems. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
37	Pruning Extreme Wavelets Learning Machine by Automatic Relevance Determination. Communications in Computer and Information Science, 2019, , 208-220.	0.4	1
38	Using Fuzzy Neural Networks Regularized to Support Software for Predicting Autism in Adolescents on Mobile Devices. , 2019, , 115-133.		2
39	Method of pruning the hidden layer of the extreme learning machine based on correlation coefficient. , 2018, , .		5
40	Pruning method in the architecture of extreme learning machines based on partial least squares regression. IEEE Latin America Transactions, 2018, 16, 2864-2871.	1.2	5
41	Using fuzzy neural networks for improving the prediction of children with autism through mobile devices. , 2018, , .		16
42	Using Fuzzy Neural Networks to the Prediction of Improvement in Expert Systems for Treatment of Immunotherapy. Lecture Notes in Computer Science, 2018, , 229-240.	1.0	11
43	Pruning fuzzy neural networks based on unineuron for problems of classification of patterns. Journal of Intelligent and Fuzzy Systems, 2018, 35, 2597-2605.	0.8	16
44	Regularized Fuzzy Neural Network Based on Or Neuron for Time Series Forecasting. Communications in Computer and Information Science, 2018, , 13-23.	0.4	17
45	Uninorm based regularized fuzzy neural networks. , 2018, , .		17
46	Regularized fuzzy neural networks based on nullneurons for problems of classification of patterns. , 2018, , .		9
47	Regularized Fuzzy Neural Networks to Aid Effort Forecasting in the Construction and Software Development. International Journal of Artificial Intelligence & Applications, 2018, 9, 13-26.	0.3	8
48	Evolving Fuzzy Neural Network Based on Uni-nullneuron to Identify Auction Fraud. , 0, , .		2
49	Fuzzy Neural Networks based on Fuzzy Logic Neurons Regularized by Resampling Techniques and Regularization Theory for Regression Problems. , 0, , 114-133.		18
50	Using Fuzzy Neural Networks to Improve Prediction of Expert Systems for Detection of Breast Cancer. , 0, , .		8
51	Fuzzy Neural Networks based on Fuzzy Logic Neurons Regularized by Resampling Techniques and Regularization Theory for Regression Problems. , 0, , 114-133.		1