Antonino Staiano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4649759/publications.pdf

Version: 2024-02-01

48	714	623734	552781
papers	citations	14 h-index	26 g-index

54	54	54	838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving RBF networks performance in regression tasks by means of a supervised fuzzy clustering. Neurocomputing, 2006, 69, 1570-1581.	5.9	105
2	Intrinsic dimension estimation: Advances and open problems. Information Sciences, 2016, 328, 26-41.	6.9	102
3	A fuzzy decision system for genetically modified plant environmental risk assessment using Mamdani inference. Expert Systems With Applications, 2015, 42, 1710-1716.	7.6	81
4	A multi-step approach to time series analysis and gene expression clustering. Bioinformatics, 2006, 22, 589-596.	4.1	43
5	Neural neZtworks in astronomy. Neural Networks, 2003, 16, 297-319.	5.9	36
6	Mining the SDSS Archive. I. Photometric Redshifts in the Nearby Universe. Astrophysical Journal, 2007, 663, 752-764.	4.5	35
7	Association of USF1 and APOA5 polymorphisms with familial combined hyperlipidemia in an Italian population. Molecular and Cellular Probes, 2015, 29, 19-24.	2.1	31
8	A multilayer perceptron neural network-based approach for the identification of responsiveness to interferon therapy in multiple sclerosis patients. Information Sciences, 2010, 180, 4153-4163.	6.9	28
9	Clustering and visualization approaches for human cell cycle gene expression data analysis. International Journal of Approximate Reasoning, 2008, 47, 70-84.	3.3	24
10	Machine learning and soft computing for ICT security: an overview of current trends. Journal of Ambient Intelligence and Humanized Computing, 2013, 4, 235-247.	4.9	23
11	Prediction of environmental missing data time series by Support Vector Machine Regression and Correlation Dimension estimation. Environmental Modelling and Software, 2022, 150, 105343.	4.5	22
12	Spatio-temporal learning in predicting ambient particulate matter concentration by multi-layer perceptron. Ecological Informatics, 2019, 49, 54-61.	5.2	20
13	Merging fuzzy logic, neural networks, and genetic computation in the design of a decision-support system. International Journal of Intelligent Systems, 2000, 15, 575-594.	5.7	16
14	Investigation of Single Nucleotide Polymorphisms Associated to Familial Combined Hyperlipidemia with Random Forests. Smart Innovation, Systems and Technologies, 2013, , 169-178.	0.6	14
15	Statistical and Computational Methods for Genetic Diseases: An Overview. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-8.	1.3	13
16	Data integration by fuzzy similarity-based hierarchical clustering. BMC Bioinformatics, 2020, 21, 350.	2.6	13
17	A Bayesian-Based Neural Network Model for Solar Photovoltaic Power Forecasting. Smart Innovation, Systems and Technologies, 2016, , 169-177.	0.6	12
18	A Neuro-fuzzy Approach for Sensor Network Data Cleaning. , 2007, , 140-147.		11

#	Article	IF	Citations
19	A Sparse-Modeling Based Approach for Class Specific Feature Selection. PeerJ Computer Science, 2019, 5, e237.	4.5	11
20	Predictive reliability and validity of hospital cost analysis with dynamic neural network and genetic algorithm. Neural Computing and Applications, 2020, 32, 15237-15248.	5.6	9
21	NEC: A Hierarchical Agglomerative Clustering Based on Fisher and Negentropy Information. Lecture Notes in Computer Science, 2006, , 49-56.	1.3	9
22	On the Role of Clustering and Visualization Techniques in Gene Microarray Data. Algorithms, 2019, 12, 123.	2.1	8
23	Probabilistic Principal Surfaces for Yeast Gene Microarray Data Mining. , 0, , .		6
24	Linear SVM-based recognition of elementary juggling movements using correlation dimension of Euler Angles of a single arm. Neural Computing and Applications, 2018, 29, 1005-1013.	5.6	6
25	<title>Advanced data mining tools for exploring large astronomical databases</title>. , 2001, , .		4
26	A note on some mathematical models on the effects of Bt-maize exposure. Environmental and Ecological Statistics, 2014, 21, 477-485.	3.5	4
27	An Evolutionary Approach to Spatial Fuzzy c-Means Clustering. Fuzzy Optimization and Decision Making, 2002, 1, 195-219.	5.5	3
28	TÃ‰RA: A tool for the environmental risk assessment of genetically modified plants. Ecological Informatics, 2014, 24, 186-193.	5.2	3
29	Machine Learning-Based Web Documents Categorization by Semantic Graphs. Smart Innovation, Systems and Technologies, 2015, , 75-82.	0.6	3
30	Spam Detection by Machine Learning-Based Content Analysis. Smart Innovation, Systems and Technologies, 2021, , 415-422.	0.6	3
31	Semantic Maps for Knowledge Management of Web and Social Information. Studies in Computational Intelligence, 2020, , 39-51.	0.9	3
32	Artificial Intelligence Tools for Data Mining in Large Astronomical Databases. , 0, , 202-213.		2
33	An RBF neural network-based system for home smart metering. , 2017, , .		2
34	Editorial: Analysis and synthesis of ecological data by machine learning. Ecological Informatics, 2019, 53, 100971.	5.2	2
35	Blind Source Separation Using Dictionary Learning in Wireless Sensor Network Scenario. Smart Innovation, Systems and Technologies, 2020, , 119-131.	0.6	2
36	Fuzzy modeling for data cleaning in sensor networks. International Journal of Hybrid Intelligent Systems, 2008, 5, 143-151.	1.2	1

#	Article	IF	Citations
37	Rule Learning in a Fuzzy Decision Support System for the Environmental Risk Assessment of GMOs. Lecture Notes in Computer Science, 2013, , 226-233.	1.3	1
38	Environmental Risk Assessment of Genetically Modified Organisms by a Fuzzy Decision Support System. Lecture Notes in Computer Science, 2013, , 428-435.	1.3	0
39	Advances in Computational Methods for Genetic Diseases. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-2.	1.3	0
40	On the Estimation of Pollen Density on Non-target Lepidoptera Food Plant Leaves in Bt-Maize Exposure Models: Open Problems and Possible Neural Network-Based Solutions. Lecture Notes in Computer Science, 2017, , 407-414.	1.3	0
41	Assessing the effects of Bt maize on the non-target pest Rhopalosiphum maidis by demographic and life-history measurement endpoints. Bulletin of Entomological Research, 2022, 112, 29-43.	1.0	0
42	Novel Techniques for Microarray Data Analysis: Probabilistic Principal Surfaces and Competitive Evolution on Data. Journal of Computational and Theoretical Nanoscience, 2005, 2, 514-523.	0.4	0
43	Linear Regression Model-Guided Clustering for Training RBF Networks for Regression Problems. Lecture Notes in Computer Science, 2006, , 127-132.	1.3	0
44	NEC for Gene Expression Analysis. Lecture Notes in Computer Science, 2006, , 246-251.	1.3	0
45	Correlation Dimension-Based Recognition of Simple Juggling Movements. Smart Innovation, Systems and Technologies, 2018, , 77-84.	0.6	0
46	Correction to: Computational Intelligence Methods for Bioinformatics and Biostatistics. Lecture Notes in Computer Science, 2021, , C1-C1.	1.3	0
47	Compressive Sensing and Hierarchical Clustering for Microarray Data with Missing Values. Lecture Notes in Computer Science, 2020, , 3-10.	1.3	0
48	Advanced Data Mining and Visualization Techniques with Probabilistic Principal Surfaces. , 0, , 244-264.		0