Angelo Ciaramella

List of Publications by Year
in descending order

57 papers	623 citations	567281 15 h-index	610901 24 g-index
62 all docs	62 docs citations	62 times ranked	526 citing authors

#	Article	IF	Citations
1	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
2	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
3	Artificial neural network for technical feasibility prediction of seismic retrofitting in existing RC structures. Structures, 2022, 41, 1220-1234.	3.6	12
4	Environment Object Detection for Marine ARGO Drone by Deep Learning. Lecture Notes in Computer Science, 2021, , 121-129.	1.3	3
5	A GPU Algorithm for Outliers Detection in TESS Light Curves. Lecture Notes in Computer Science, 2021, , 420-432.	1.3	5
6	Subcellular Localization of uc.8+ as a Prognostic Biomarker in Bladder Cancer Tissue. Cancers, 2021, 13, 681.	3.7	12
7	Exploiting Kepler's Heritage: A Transfer Learning Approach for Identifying Exoplanets' Transits in TESS Data. Research Notes of the AAS, 2021, 5, 91.	0.7	3
8	Selymatra: A web application for protein-profiling analysis of mass spectra. Biotechnology and Applied Biochemistry, 2021, , .	3.1	2
9	Spam Detection by Machine Learning-Based Content Analysis. Smart Innovation, Systems and Technologies, 2021, , 415-422.	0.6	3
10	Correction to: Computational Intelligence Methods for Bioinformatics and Biostatistics. Lecture Notes in Computer Science, 2021, , C1-C1.	1.3	0
11	Audio Content-Based Framework for Emotional Music Recognition. Intelligent Systems Reference Library, 2021, , 277-292.	1.2	1
12	Non-linear PCA Neural Network for EEG Noise Reduction in Brain-Computer Interface. Smart Innovation, Systems and Technologies, 2021, , 405-413.	0.6	3
13	A Neuro-Fuzzy Based Approach for Resting-state Detection Using A Consumer-grade EEG. , 2020, , .		1
14	Data integration by fuzzy similarity-based hierarchical clustering. BMC Bioinformatics, 2020, 21, 350.	2.6	13
15	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
16	Record linkage of banks and municipalities through multiple criteria and neural networks. PeerJ Computer Science, 2020, 6, e258.	4.5	3
17	Semantic Maps for Knowledge Management of Web and Social Information. Studies in Computational Intelligence, 2020, , 39-51.	0.9	3
18	Blind Source Separation Using Dictionary Learning in Wireless Sensor Network Scenario. Smart Innovation, Systems and Technologies, 2020, , 119-131.	0.6	2

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19	Compressive Sensing and Hierarchical Clustering for Microarray Data with Missing Values. Lecture Notes in Computer Science, 2020, , 3-10.	1.3	0
20	On the Role of Clustering and Visualization Techniques in Gene Microarray Data. Algorithms, 2019, 12, 123.	2.1	8
21	Spatio-temporal learning in predicting ambient particulate matter concentration by multi-layer perceptron. Ecological Informatics, 2019, 49, 54-61.	5.2	20
22	A Sparse-Modeling Based Approach for Class Specific Feature Selection. PeerJ Computer Science, 2019, 5, e237.	4.5	11
23	Content-Based Music Agglomeration byÂSparse Modeling and Convolved Independent Component Analysis. Smart Innovation, Systems and Technologies, 2019, , 87-96.	0.6	1
24	StormSeeker: A Machine-Learning-Based Mediterranean Storm Tracer. Lecture Notes in Computer Science, 2019, , 444-456.	1.3	3
25	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
26	Fuzzy clustering of structured data: Some preliminary results. , 2017, , .		0
27	Compressive sampling and adaptive dictionary learning for the packet loss recovery in audio multimedia streaming. Multimedia Tools and Applications, 2016, 75, 17375-17392.	3.9	16
28	Packet loss recovery in audio multimedia streaming by using compressive sensing. IET Communications, 2016, 10, 387-392.	2.2	15
29	A Bayesian-Based Neural Network Model for Solar Photovoltaic Power Forecasting. Smart Innovation, Systems and Technologies, 2016, , 169-177.	0.6	12
30	Machine Learning-Based Web Documents Categorization by Semantic Graphs. Smart Innovation, Systems and Technologies, 2015, , 75-82.	0.6	3
31	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
32	A note on some mathematical models on the effects of Bt-maize exposure. Environmental and Ecological Statistics, 2014, 21, 477-485.	3.5	4
33	TÃ‰RA: A tool for the environmental risk assessment of genetically modified plants. Ecological Informatics, 2014, 24, 186-193.	5.2	3
34	Information-Theoretic Approaches for Models Selection in Multi-model Ensemble Atmospheric Dispersion Predictions. NATO Science for Peace and Security Series C: Environmental Security, 2014, , 535-539.	0.2	0
35	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
36	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

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37	Environmental Risk Assessment of Genetically Modified Organisms by a Fuzzy Decision Support System. Lecture Notes in Computer Science, 2013, , 428-435.	1.3	0
38	Machine Learning and Soft Computing Methodologies for Music Emotion Recognition. Smart Innovation, Systems and Technologies, 2013, , 427-436.	0.6	2
39	Modeling and Generating Organ Pipes Self-Sustained Tones by Using ICA. Journal of Signal and Information Processing, 2011, 02, 141-151.	0.4	1
40	Comparison of Dispersion Models by Using Fuzzy Similarity Relations. Lecture Notes in Computer Science, 2011, , 57-67.	1.3	2
41	Independent Data Model Selection for Ensemble Dispersion Forecasting. Studies in Computational Intelligence, 2009, , 213-231.	0.9	3
42	Statistical and Fuzzy Approaches for Atmospheric Boundary Layer Classification. Lecture Notes in Computer Science, 2009, , 375-384.	1.3	0
43	Uninorm Based Fuzzy Network for Tree Data Structures. Lecture Notes in Computer Science, 2009, , 77-84.	1.3	1
44	Interactive data analysis and clustering of genomic data. Neural Networks, 2008, 21, 368-378.	5.9	31
45	Clustering and visualization approaches for human cell cycle gene expression data analysis. International Journal of Approximate Reasoning, 2008, 47, 70-84.	3.3	24
46	The Genetic Development of Uninorm-Based Neurons. Lecture Notes in Computer Science, 2007, , 69-76.	1.3	1
47	Neural Network Techniques for Proactive Password Checking. IEEE Transactions on Dependable and Secure Computing, 2006, 3, 327-339.	5.4	26
48	Fuzzy relational neural network. International Journal of Approximate Reasoning, 2006, 41, 146-163.	3.3	53
49	ICA based identification of dynamical systems generating synthetic and real world time series. Soft Computing, 2006, 10, 587-606.	3.6	17
50	NEC: A Hierarchical Agglomerative Clustering Based on Fisher and Negentropy Information. Lecture Notes in Computer Science, 2006, , 49-56.	1.3	9
51	OR/AND Neurons for Fuzzy Set Connectives Using Ordinal Sums and Genetic Algorithms. Lecture Notes in Computer Science, 2006, , 188-194.	1.3	1
52	The genetic development of ordinal sums. Fuzzy Sets and Systems, 2005, 151, 303-325.	2.7	31
53	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
54	Polarisation analysis of the independent components of low frequency events at Stromboli volcano (Eolian Islands, Italy). Journal of Volcanology and Geothermal Research, 2004, 137, 153-168.	2.1	28

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55	Neural neZtworks in astronomy. Neural Networks, 2003, 16, 297-319.	5.9	36
56	Neural networks for blind-source separation of Stromboli explosion quakes. IEEE Transactions on Neural Networks, 2003, 14, 167-175.	4.2	35
57	Soft computing methodologies for spectral analysis in cyclostratigraphy. Computers and Geosciences, 2001, 27, 535-548.	4.2	19