

Angelo Ciaramella

List of Publications by Year in descending order

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Version: 2024-02-01

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 | A fuzzy decision system for genetically modified plant environmental risk assessment using Mamdani inference. <i>Expert Systems With Applications</i> , 2015, 42, 1710-1716. | 7.6 | 81 |
| 2 | Fuzzy relational neural network. <i>International Journal of Approximate Reasoning</i> , 2006, 41, 146-163. | 3.3 | 53 |
| 3 | Neural networks in astronomy. <i>Neural Networks</i> , 2003, 16, 297-319. | 5.9 | 36 |
| 4 | Neural networks for blind-source separation of Stromboli explosion quakes. <i>IEEE Transactions on Neural Networks</i> , 2003, 14, 167-175. | 4.2 | 35 |
| 5 | The genetic development of ordinal sums. <i>Fuzzy Sets and Systems</i> , 2005, 151, 303-325. | 2.7 | 31 |
| 6 | Interactive data analysis and clustering of genomic data. <i>Neural Networks</i> , 2008, 21, 368-378. | 5.9 | 31 |
| 7 | Polarisation analysis of the independent components of low frequency events at Stromboli volcano (Eolian Islands, Italy). <i>Journal of Volcanology and Geothermal Research</i> , 2004, 137, 153-168. | 2.1 | 28 |
| 8 | Neural Network Techniques for Proactive Password Checking. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2006, 3, 327-339. | 5.4 | 26 |
| 9 | Clustering and visualization approaches for human cell cycle gene expression data analysis. <i>International Journal of Approximate Reasoning</i> , 2008, 47, 70-84. | 3.3 | 24 |
| 10 | Machine learning and soft computing for ICT security: an overview of current trends. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2013, 4, 235-247. | 4.9 | 23 |
| 11 | Prediction of environmental missing data time series by Support Vector Machine Regression and Correlation Dimension estimation. <i>Environmental Modelling and Software</i> , 2022, 150, 105343. | 4.5 | 22 |
| 12 | Spatio-temporal learning in predicting ambient particulate matter concentration by multi-layer perceptron. <i>Ecological Informatics</i> , 2019, 49, 54-61. | 5.2 | 20 |
| 13 | Soft computing methodologies for spectral analysis in cyclostratigraphy. <i>Computers and Geosciences</i> , 2001, 27, 535-548. | 4.2 | 19 |
| 14 | ICA based identification of dynamical systems generating synthetic and real world time series. <i>Soft Computing</i> , 2006, 10, 587-606. | 3.6 | 17 |
| 15 | Compressive sampling and adaptive dictionary learning for the packet loss recovery in audio multimedia streaming. <i>Multimedia Tools and Applications</i> , 2016, 75, 17375-17392. | 3.9 | 16 |
| 16 | Packet loss recovery in audio multimedia streaming by using compressive sensing. <i>IET Communications</i> , 2016, 10, 387-392. | 2.2 | 15 |
| 17 | Data integration by fuzzy similarity-based hierarchical clustering. <i>BMC Bioinformatics</i> , 2020, 21, 350. | 2.6 | 13 |
| 18 | Subcellular Localization of uc.8+ as a Prognostic Biomarker in Bladder Cancer Tissue. <i>Cancers</i> , 2021, 13, 681. | 3.7 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Bayesian-Based Neural Network Model for Solar Photovoltaic Power Forecasting. Smart Innovation, Systems and Technologies, 2016, , 169-177. | 0.6 | 12 |
| 20 | Artificial neural network for technical feasibility prediction of seismic retrofitting in existing RC structures. Structures, 2022, 41, 1220-1234. | 3.6 | 12 |
| 21 | A Sparse-Modeling Based Approach for Class Specific Feature Selection. PeerJ Computer Science, 2019, 5, e237. | 4.5 | 11 |
| 22 | 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 |
| 23 | NEC: A Hierarchical Agglomerative Clustering Based on Fisher and Negentropy Information. Lecture Notes in Computer Science, 2006, , 49-56. | 1.3 | 9 |
| 24 | On the Role of Clustering and Visualization Techniques in Gene Microarray Data. Algorithms, 2019, 12, 123. | 2.1 | 8 |
| 25 | A GPU Algorithm for Outliers Detection in TESS Light Curves. Lecture Notes in Computer Science, 2021, , 420-432. | 1.3 | 5 |
| 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 | TÅ%RA: A tool for the environmental risk assessment of genetically modified plants. Ecological Informatics, 2014, 24, 186-193. | 5.2 | 3 |
| 28 | Machine Learning-Based Web Documents Categorization by Semantic Graphs. Smart Innovation, Systems and Technologies, 2015, , 75-82. | 0.6 | 3 |
| 29 | Environment Object Detection for Marine ARGO Drone by Deep Learning. Lecture Notes in Computer Science, 2021, , 121-129. | 1.3 | 3 |
| 30 | Exploiting Keplerâ€™s Heritage: A Transfer Learning Approach for Identifying Exoplanetsâ€™ Transits in TESS Data. Research Notes of the AAS, 2021, 5, 91. | 0.7 | 3 |
| 31 | Independent Data Model Selection for Ensemble Dispersion Forecasting. Studies in Computational Intelligence, 2009, , 213-231. | 0.9 | 3 |
| 32 | Spam Detection by Machine Learning-Based Content Analysis. Smart Innovation, Systems and Technologies, 2021, , 415-422. | 0.6 | 3 |
| 33 | Record linkage of banks and municipalities through multiple criteria and neural networks. PeerJ Computer Science, 2020, 6, e258. | 4.5 | 3 |
| 34 | StormSeeker: A Machine-Learning-Based Mediterranean Storm Tracer. Lecture Notes in Computer Science, 2019, , 444-456. | 1.3 | 3 |
| 35 | Semantic Maps for Knowledge Management of Web and Social Information. Studies in Computational Intelligence, 2020, , 39-51. | 0.9 | 3 |
| 36 | Non-linear PCA Neural Network for EEG Noise Reduction in Brain-Computer Interface. Smart Innovation, Systems and Technologies, 2021, , 405-413. | 0.6 | 3 |

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|----|---|-----|-----------|
| 37 | Selymatra: A web application for proteinâ€profiling analysis of mass spectra. Biotechnology and Applied Biochemistry, 2021, , . | 3.1 | 2 |
| 38 | Comparison of Dispersion Models by Using Fuzzy Similarity Relations. Lecture Notes in Computer Science, 2011, , 57-67. | 1.3 | 2 |
| 39 | Machine Learning and Soft Computing Methodologies for Music Emotion Recognition. Smart Innovation, Systems and Technologies, 2013, , 427-436. | 0.6 | 2 |
| 40 | Blind Source Separation Using Dictionary Learning in Wireless Sensor Network Scenario. Smart Innovation, Systems and Technologies, 2020, , 119-131. | 0.6 | 2 |
| 41 | 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 |
| 42 | A Neuro-Fuzzy Based Approach for Resting-state Detection Using A Consumer-grade EEG. , 2020, , . | | 1 |
| 43 | OR/AND Neurons for Fuzzy Set Connectives Using Ordinal Sums and Genetic Algorithms. Lecture Notes in Computer Science, 2006, , 188-194. | 1.3 | 1 |
| 44 | Uninorm Based Fuzzy Network for Tree Data Structures. Lecture Notes in Computer Science, 2009, , 77-84. | 1.3 | 1 |
| 45 | Modeling and Generating Organ Pipes Self-Sustained Tones by Using ICA. Journal of Signal and Information Processing, 2011, 02, 141-151. | 0.4 | 1 |
| 46 | Content-Based Music Agglomeration byÂSparse Modeling and Convolved Independent Component Analysis. Smart Innovation, Systems and Technologies, 2019, , 87-96. | 0.6 | 1 |
| 47 | Audio Content-Based Framework for Emotional Music Recognition. Intelligent Systems Reference Library, 2021, , 277-292. | 1.2 | 1 |
| 48 | The Genetic Development of Uninorm-Based Neurons. Lecture Notes in Computer Science, 2007, , 69-76. | 1.3 | 1 |
| 49 | Environmental Risk Assessment of Genetically Modified Organisms by a Fuzzy Decision Support System. Lecture Notes in Computer Science, 2013, , 428-435. | 1.3 | 0 |
| 50 | 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 |
| 51 | Fuzzy clustering of structured data: Some preliminary results. , 2017, , . | | 0 |
| 52 | Assessing the effects of <i>Bt</i> maize on the non-target pest <i>Rhopalosiphum maidis</i> by demographic and life-history measurement endpoints. Bulletin of Entomological Research, 2022, 112, 29-43. | 1.0 | 0 |
| 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 | Statistical and Fuzzy Approaches for Atmospheric Boundary Layer Classification. Lecture Notes in Computer Science, 2009, , 375-384. | 1.3 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | 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 |
| 56 | Correction to: Computational Intelligence Methods for Bioinformatics and Biostatistics. Lecture Notes in Computer Science, 2021, , C1-C1. | 1.3 | 0 |
| 57 | Compressive Sensing and Hierarchical Clustering for Microarray Data with Missing Values. Lecture Notes in Computer Science, 2020, , 3-10. | 1.3 | 0 |