

Mario Gongora

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

258
citations

9
h-index

14
g-index

50
ext. papers

338
ext. citations

5.2
avg, IF

3.63
L-index

#	Paper	IF	Citations
43	Ant Colony Optimization for Simulated Dynamic Multi-Objective Railway Junction Rescheduling. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017 , 18, 2980-2992	6.1	38
42	Ant Colony Stream Clustering: A Fast Density Clustering Algorithm for Dynamic Data Streams. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2215-2228	10.2	34
41	Web usage mining with evolutionary extraction of temporal fuzzy association rules. <i>Knowledge-Based Systems</i> , 2013 , 54, 66-72	7.3	28
40	An integrated inverse adaptive neural fuzzy system with Monte-Carlo sampling method for operational risk management. <i>Expert Systems With Applications</i> , 2018 , 98, 11-26	7.8	15
39	Cooperative and distributed decision-making in a multi-agent perception system for improvised land mines detection. <i>Information Fusion</i> , 2020 , 64, 32-49	16.7	11
38	Flexible inverse adaptive fuzzy inference model to identify the evolution of operational value at risk for improving operational risk management. <i>Applied Soft Computing Journal</i> , 2018 , 65, 614-631	7.5	11
37	Analysis and test of efficient methods for building recursive deterministic perceptron neural networks. <i>Neural Networks</i> , 2007 , 20, 1095-108	9.1	11
36	Interval type-2 fuzzy modelling and stochastic search for real-world inventory management. <i>Soft Computing</i> , 2012 , 16, 1447-1459	3.5	9
35	Oil Palm Detection via Deep Transfer Learning 2020 ,		9
34	Stochastic logistic fuzzy maps for the construction of integrated multirates scenarios in the financing of infrastructure projects. <i>Applied Soft Computing Journal</i> , 2019 , 85, 105818	7.5	8
33	Validation of convolutional layers in deep learning models to identify patterns in multispectral images 2019 ,		7
32	Real-time evolution of an embedded controller for an autonomous helicopter 2008 ,		7
31	A fuzzy credibility model to estimate the Operational Value at Risk using internal and external data of risk events. <i>Knowledge-Based Systems</i> , 2018 , 159, 98-109	7.3	7
30	Application of Artificial Neural Network and Support Vector Regression in Cognitive Radio Networks for RF Power Prediction Using Compact Differential Evolution Algorithm 2015 ,		6
29	A generalised type-2 fuzzy logic system embedded board and integrated development environment 2008 ,		6
28	Shallow buried improvised explosive device detection via convolutional neural networks. <i>Integrated Computer-Aided Engineering</i> , 2020 , 27, 403-416	5.2	6
27	Multi-agent system for people detection and tracking using stereo vision in mobile robots. <i>Robotica</i> , 2009 , 27, 715	2.1	5

26	Real-world dynamic optimization using an adaptive-mutation compact genetic algorithm 2014 ,		4
25	Adaptive-mutation compact genetic algorithm for dynamic environments. <i>Soft Computing</i> , 2016 , 20, 3097-3115	3.5	2
24	Fuzzy spatial maps to identify oil palm units: Spatial fuzzy maps 2018 ,		2
23	Re-sampling search: A seriously simple memetic approach with a high performance 2013 ,		2
22	Intelligent system to identify oil palm crop units from multispectral aerial images: Identification of multispectral patterns 2017 ,		2
21	Finding Multi-Density Clusters in non-stationary data streams using an Ant Colony with adaptive parameters 2017 ,		2
20	Intelligent acoustic rotor speed estimation for an autonomous helicopter. <i>Applied Soft Computing Journal</i> , 2012 , 12, 3313-3324	7.5	2
19	Inventory optimisation with an Interval Type-2 Fuzzy model 2010 ,		2
18	Optimising resource plans using an Interval Type-2 Fuzzy model 2010 ,		2
17	A Reward-Value Based Constructive Method for the Autonomous Creation of Machine Controllers. <i>Lecture Notes in Computer Science</i> , 2008 , 773-782	0.9	2
16	A Constructive Neural Network for Evolving a Machine Controller in Real-Time. <i>Studies in Computational Intelligence</i> , 2009 , 225-242	0.8	2
15	Training Data Set Assessment for Decision-Making in a Multiagent Landmine Detection Platform 2020 ,		2
14	A Robust Decision-Making Framework Based on Collaborative Agents. <i>IEEE Access</i> , 2020 , 8, 150974-150988	3.5	2
13	A fuzzy ELECTRE structure methodology to assess big data maturity in healthcare SMEs. <i>Soft Computing</i> , 2019 , 23, 10537-10550	3.5	2
12	Fuzzy convolutional deep-learning model to estimate the operational risk capital using multi-source risk events. <i>Applied Soft Computing Journal</i> , 2021 , 107, 107381	7.5	2
11	Adaptive mutation in dynamic environments 2014 ,		1
10	Optimized artificial neural network using differential evolution for prediction of RF power in VHF/UHF TV and GSM 900 bands for cognitive radio networks 2014 ,		1
9	Optimized Neural Network using differential evolutionary and swarm intelligence optimization algorithms for RF power prediction in cognitive radio network: A comparative study 2014 ,		1

8	Storage, degradation and recall of agent memory in Serious Games and Simulations 2010 ,		1
7	Analysis of organized asymmetry development using artificial cellular differentiation models 2009 ,		1
6	Interval Type-2 Fuzzy Modelling and Simulated Annealing for Real-World Inventory Management. <i>Lecture Notes in Computer Science</i> , 2011 , 231-238	0.9	1
5	Evolutionary dynamic optimisation of airport security lane schedules 2016 ,		1
4	ReAd: reactive-adaptive methodology to enable evolving intelligent agents for virtual environments. <i>Evolving Systems</i> , 2010 , 1, 111-127	2.1	0
3	Classification in Dynamic Data Streams with a Scarcity of Labels. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	0
2	Robustness and Evolutionary Dynamic Optimisation of Airport Security Schedules. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 27-39	0.4	
1	Deep Learning to Improve the Sustainability of Agricultural Crops Affected by Phytosanitary Events: A Financial-Risk Approach. <i>Sustainability</i> , 2022 , 14, 6668	3.6	