

Gianni D'Angelo

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

939
citations

516215

16
h-index

476904

29
g-index

37
all docs

37
docs citations

37
times ranked

767
citing authors

#	ARTICLE	IF	CITATIONS
1	GGA: A modified genetic algorithm with gradient-based local search for solving constrained optimization problems. <i>Information Sciences</i> , 2021, 547, 136-162.	4.0	95
2	Network traffic classification using deep convolutional recurrent autoencoder neural networks for spatial-temporal features extraction. <i>Journal of Network and Computer Applications</i> , 2021, 173, 102890.	5.8	77
3	Malware detection in mobile environments based on Autoencoders and API-images. <i>Journal of Parallel and Distributed Computing</i> , 2020, 137, 26-33.	2.7	76
4	A proposal for distinguishing between bacterial and viral meningitis using genetic programming and decision trees. <i>Soft Computing</i> , 2019, 23, 11775-11791.	2.1	73
5	Developing a trust model for pervasive computing based on Apriori association rules learning and Bayesian classification. <i>Soft Computing</i> , 2017, 21, 6297-6315.	2.1	61
6	An uncertainty-managing batch relevance-based approach to network anomaly detection. <i>Applied Soft Computing Journal</i> , 2015, 36, 408-418.	4.1	57
7	Feature extraction and soft computing methods for aerospace structure defect classification. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 85, 192-209.	2.5	41
8	Fast Eddy Current Testing Defect Classification Using Lissajous Figures. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018, 67, 821-830.	2.4	40
9	Detecting unfair recommendations in trust-based pervasive environments. <i>Information Sciences</i> , 2019, 486, 31-51.	4.0	36
10	Knowledge elicitation based on genetic programming for non destructive testing of critical aerospace systems. <i>Future Generation Computer Systems</i> , 2020, 102, 633-642.	4.9	32
11	A Cluster-Based Multidimensional Approach for Detecting Attacks on Connected Vehicles. <i>IEEE Internet of Things Journal</i> , 2021, 8, 12518-12527.	5.5	31
12	Association rule-based malware classification using common subsequences of API calls. <i>Applied Soft Computing Journal</i> , 2021, 105, 107234.	4.1	31
13	Effective classification of android malware families through dynamic features and neural networks. <i>Connection Science</i> , 2021, 33, 786-801.	1.8	28
14	Towards a HPC-oriented parallel implementation of a learning algorithm for bioinformatics applications. <i>BMC Bioinformatics</i> , 2014, 15, S2.	1.2	19
15	A data-driven approximate dynamic programming approach based on association rule learning: Spacecraft autonomy as a case study. <i>Information Sciences</i> , 2019, 504, 501-519.	4.0	19
16	Shape-based defect classification for non destructive testing. , 2015, , .		18
17	Automated Eddy Current non-destructive testing through low definition lissajous figures. , 2016, , .		18
18	Enhancing COVID-19 tracking apps with human activity recognition using a deep convolutional neural network and HAR-images. <i>Neural Computing and Applications</i> , 2023, 35, 13861-13877.	3.2	17

#	ARTICLE	IF	CITATIONS
19	Toward a soft computing-based correlation between oxygen toxicity seizures and hyperoxic hyperpnea. <i>Soft Computing</i> , 2018, 22, 2421-2427.	2.1	16
20	Discovering genomic patterns in SARS-CoV-2 variants. <i>International Journal of Intelligent Systems</i> , 2020, 35, 1680-1698.	3.3	16
21	On applying AI-driven flight data analysis for operational spacecraft model-based diagnostics. <i>Annual Reviews in Control</i> , 2020, 49, 197-211.	4.4	16
22	An Artificial Intelligence-Based Trust Model for Pervasive Computing. , 2015, , .		15
23	Spacecraft autonomy modeled via Markov decision process and associative rule-based machine learning. , 2017, , .		13
24	Development strategies for the satellite flight software on-board Meteosat Third Generation. <i>Acta Astronautica</i> , 2018, 145, 482-491.	1.7	13
25	Artificial neural networks for resources optimization in energetic environment. <i>Soft Computing</i> , 2022, 26, 1779-1792.	2.1	13
26	Diagnosis of aerospace structure defects by a HPC implemented soft computing algorithm. , 2014, , .		12
27	DNS tunnels detection via DNS-images. <i>Information Processing and Management</i> , 2022, 59, 102930.	5.4	11
28	A machine learning evolutionary algorithm-based formula to assess tumor markers and predict lung cancer in cytologically negative pleural effusions. <i>Soft Computing</i> , 2020, 24, 7281-7293.	2.1	10
29	A stacked autoencoder-based convolutional and recurrent deep neural network for detecting cyberattacks in interconnected power control systems. <i>International Journal of Intelligent Systems</i> , 2021, 36, 7080-7102.	3.3	8
30	A federated approach to Android malware classification through Perm-Maps. <i>Cluster Computing</i> , 2022, 25, 2487-2500.	3.5	8
31	A bluetooth infrastructure for automatic services access in ubiquitous and nomadic computing environments. , 2007, , .		6
32	A NAT traversal mechanism for cloud video surveillance applications using WebSocket. <i>Multimedia Tools and Applications</i> , 2018, 77, 25861-25888.	2.6	4
33	Shimming Analysis of Carbon-Fiber Composite Materials with Eddy Current Testing. , 2018, , .		3
34	Cognitive Distributed Application Area Networks. , 2018, , 193-214.		2
35	Effectiveness of Video-Classification in Android Malware Detection Through API-Streams and CNN-LSTM Autoencoders. <i>Communications in Computer and Information Science</i> , 2022, , 171-194.	0.4	2
36	A machine learning-based memory forensics methodology for TOR browser artifacts. <i>Concurrency Computation Practice and Experience</i> , 2020, , e5935.	1.4	1

#	ARTICLE	IF	CITATIONS
37	Special Issue on Intelligent Systems in Sensor Networks and Internet of Things. Sensors, 2020, 20, 3182.	2.1	1