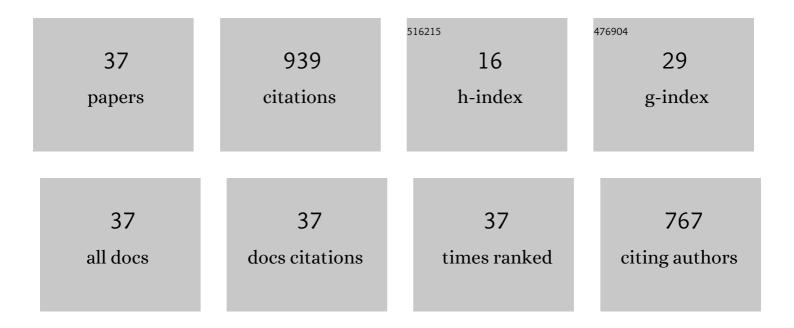
Gianni D'Angelo

List of Publications by Year in descending order

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

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19	Toward a soft computing-based correlation between oxygen toxicity seizures and hyperoxic hyperpnea. Soft Computing, 2018, 22, 2421-2427.	2.1	16
20	Discovering genomic patterns in SARS oVâ€2 variants. International Journal of Intelligent Systems, 2020, 35, 1680-1698.	3.3	16
21	On applying Al-driven flight data analysis for operational spacecraft model-based diagnostics. Annual Reviews in Control, 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. Acta Astronautica, 2018, 145, 482-491.	1.7	13
25	Artificial neural networks for resources optimization in energetic environment. Soft Computing, 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. Information Processing and Management, 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. Soft Computing, 2020, 24, 7281-7293.	2.1	10
29	A stacked autoencoderâ€based convolutional and recurrent deep neural network for detecting cyberattacks in interconnected power control systems. International Journal of Intelligent Systems, 2021, 36, 7080-7102.	3.3	8
30	A federated approach to Android malware classification through Perm-Maps. Cluster Computing, 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. Multimedia Tools and Applications, 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 ofÂVideo-Classification inÂAndroid Malware Detection Through API-Streams andÂCNN-LSTM Autoencoders. Communications in Computer and Information Science, 2022, , 171-194.	0.4	2
36	A machine learningâ€based memory forensics methodology for TOR browser artifacts. Concurrency Computation Practice and Experience, 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