

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 | 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 |
| 2 | Artificial neural networks for resources optimization in energetic environment. <i>Soft Computing</i> , 2022, 26, 1779-1792. | 2.1 | 13 |
| 3 | 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 |
| 4 | A federated approach to Android malware classification through Perm-Maps. <i>Cluster Computing</i> , 2022, 25, 2487-2500. | 3.5 | 8 |
| 5 | DNS tunnels detection via DNS-images. <i>Information Processing and Management</i> , 2022, 59, 102930. | 5.4 | 11 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Effective classification of android malware families through dynamic features and neural networks. <i>Connection Science</i> , 2021, 33, 786-801. | 1.8 | 28 |
| 10 | Association rule-based malware classification using common subsequences of API calls. <i>Applied Soft Computing Journal</i> , 2021, 105, 107234. | 4.1 | 31 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | A machine learning-based memory forensics methodology for TOR browser artifacts. <i>Concurrency Computation Practice and Experience</i> , 2020, , e5935. | 1.4 | 1 |
| 16 | Discovering genomic patterns in SARS-CoV-2 variants. <i>International Journal of Intelligent Systems</i> , 2020, 35, 1680-1698. | 3.3 | 16 |
| 17 | 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 |
| 18 | Special Issue on Intelligent Systems in Sensor Networks and Internet of Things. <i>Sensors</i> , 2020, 20, 3182. | 2.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | Detecting unfair recommendations in trust-based pervasive environments. Information Sciences, 2019, 486, 31-51. | 4.0 | 36 |
| 21 | A proposal for distinguishing between bacterial and viral meningitis using genetic programming and decision trees. Soft Computing, 2019, 23, 11775-11791. | 2.1 | 73 |
| 22 | Development strategies for the satellite flight software on-board Meteosat Third Generation. Acta Astronautica, 2018, 145, 482-491. | 1.7 | 13 |
| 23 | Fast Eddy Current Testing Defect Classification Using Lissajous Figures. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 821-830. | 2.4 | 40 |
| 24 | Cognitive Distributed Application Area Networks. , 2018, , 193-214. | | 2 |
| 25 | A NAT traversal mechanism for cloud video surveillance applications using WebSocket. Multimedia Tools and Applications, 2018, 77, 25861-25888. | 2.6 | 4 |
| 26 | Toward a soft computing-based correlation between oxygen toxicity seizures and hyperoxic hyperpnea. Soft Computing, 2018, 22, 2421-2427. | 2.1 | 16 |
| 27 | Shimming Analysis of Carbon-Fiber Composite Materials with Eddy Current Testing. , 2018, , . | | 3 |
| 28 | 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 |
| 29 | Spacecraft autonomy modeled via Markov decision process and associative rule-based machine learning. , 2017, , . | | 13 |
| 30 | Automated Eddy Current non-destructive testing through low definition lissajous figures. , 2016, , . | | 18 |
| 31 | 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 |
| 32 | An Artificial Intelligence-Based Trust Model for Pervasive Computing. , 2015, , . | | 15 |
| 33 | Shape-based defect classification for non destructive testing. , 2015, , . | | 18 |
| 34 | An uncertainty-managing batch relevance-based approach to network anomaly detection. Applied Soft Computing Journal, 2015, 36, 408-418. | 4.1 | 57 |
| 35 | Diagnosis of aerospace structure defects by a HPC implemented soft computing algorithm. , 2014, , . | | 12 |
| 36 | Towards a HPC-oriented parallel implementation of a learning algorithm for bioinformatics applications. BMC Bioinformatics, 2014, 15, S2. | 1.2 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 37 | A bluetooth infrastructure for automatic services access in ubiquitous and nomadic computing environments. , 2007, , . | | 6 |