

Sã©rgio D Correia

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

234
citations

1163117
8
h-index

1058476
14
g-index

32
all docs

32
docs citations

32
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Drones as Sound Sensors for Energy-Based Acoustic Tracking on Wildfire Environments. IFIP Advances in Information and Communication Technology, 2022, , 109-125.	0.7	5
2	Machine Learning and IoT Applied to Cardiovascular Diseases Identification Through Heart Sounds: A Literature Review. Lecture Notes in Networks and Systems, 2022, , 356-388.	0.7	4
3	Swarm Optimization for Energy-Based Acoustic Source Localization: A Comprehensive Study. Sensors, 2022, 22, 1894.	3.8	4
4	Application of Machine Learning Techniques to Predict a Patient's No-Show in the Healthcare Sector. Future Internet, 2022, 14, 3.	3.8	20
5	ÂµJSON, a Lightweight Compression Scheme for Embedded GNSS Data Transmission on IoT Nodes. , 2022, , .		3
6	Particle Swarm Optimization Embedded in UAV as a Method of Territory-Monitoring Efficiency Improvement. Symmetry, 2022, 14, 1080.	2.2	2
7	Classifying Garments from Fashion-MNIST Dataset Through CNNs. Advances in Science, Technology and Engineering Systems, 2021, 6, 989-994.	0.5	19
8	A Feed-Forward Neural Network Approach for Energy-Based Acoustic Source Localization. Journal of Sensor and Actuator Networks, 2021, 10, 29.	3.9	14
9	Learning and Well-Being in Educational Practices with Children and Adolescents Undergoing Cancer Treatment. Education Sciences, 2021, 11, 442.	2.6	2
10	A Multi-Start Algorithm for Solving the Capacitated Vehicle Routing Problem with Two-Dimensional Loading Constraints. Symmetry, 2021, 13, 1697.	2.2	8
11	Ontology-Based Reasoning for Educational Assistance in Noncommunicable Chronic Diseases. Computers, 2021, 10, 128.	3.3	4
12	Machine Learning and IoT Applied to Cardiovascular Diseases Identification through Heart Sounds: A Literature Review. Informatics, 2021, 8, 73.	3.9	11
13	Kalman Filtering for Tracking a Moving Acoustic Source based on Energy Measurements. , 2021, , .		2
14	Lossless Compression Scheme for Efficient GNSS Data Transmission on IoT Devices. , 2021, , .		3
15	Development of a Test-Bench for Evaluating the Embedded Implementation of the Improved Elephant Herding Optimization Algorithm Applied to Energy-Based Acoustic Localization. Computers, 2020, 9, 87.	3.3	10
16	Energy-Based Acoustic Localization by Improved Elephant Herding Optimization. IEEE Access, 2020, 8, 28548-28559.	4.2	18
17	Productivity and Economic Analysis of a New Intensive Collector in the Portuguese Market with Implication of Open Innovation Perspective. Journal of Open Innovation: Technology, Market, and Complexity, 2019, 5, 71.	5.2	5
18	Densification and Dynamic Canonical Descent: An Optimization Algorithm. , 2019, , 75-78.		0

#	ARTICLE	IF	CITATIONS
19	Implementation and Validation of Elephant Herding Optimization Algorithm for Acoustic Localization. , 2018, , .		6
20	Hardware Architecture of a Low-Cost Scalable Energy Monitor System. SSRG International Journal of Engineering Trends and Technology, 2018, 61, 1-5.	0.5	7
21	Software Model for a Low-Cost, IoT oriented Energy Monitoring Platform. International Journal of Computer Science and Engineering, 2018, 5, 1-5.	0.1	7
22	Analog Input Expansion Board Based on I2C Communication with Plug-and-Play Feature, Applied to Current Measurements. International Journal of Electronics and Communication Engineering, 2018, 5, 1-5.	0.2	4
23	Elephant Herding Optimization for Energy-Based Localization. Sensors, 2018, 18, 2849.	3.8	38
24	Optimization algorithm based on densification and dynamic canonical descent. Journal of Computational and Applied Mathematics, 2006, 191, 269-279.	2.0	6
25	Viability study of cold generation from biomass in an agrarian exploitation. Fuel Processing Technology, 2006, 87, 129-133.	7.2	2
26	Energy production by means of gasification process of residuals sourced in Extremadura (Spain). Renewable Energy, 2005, 30, 1759-1769.	8.9	22
27	An analytical model for virtual topology reconfiguration in optical networks and a case study. , 0, , .		6