SÃ©rgio D Correia

List of Publications by Year
in descending order

27	234	1162367 8	1058022 14
papers	citations	h-index	g-index

32	32	32	159
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Elephant Herding Optimization for Energy-Based Localization. Sensors, 2018, 18, 2849.	2.1	38
2	Energy production by means of gasification process of residuals sourced in Extremadura (Spain). Renewable Energy, 2005, 30, 1759-1769.	4.3	22
3	Application of Machine Learning Techniques to Predict a Patientâ€™s No-Show in the Healthcare Sector. Future Internet, 2022, 14, 3.	2.4	20
4	Classifying Garments from Fashion-MNIST Dataset Through CNNs. Advances in Science, Technology and Engineering Systems, 2021, 6, 989-994.	0.4	19
5	Energy-Based Acoustic Localization by Improved Elephant Herding Optimization. IEEE Access, 2020, 8, 28548-28559.	2.6	18
6	A Feed-Forward Neural Network Approach for Energy-Based Acoustic Source Localization. Journal of Sensor and Actuator Networks, 2021, 10, 29.	2.3	14
7	Machine Learning and IoT Applied to Cardiovascular Diseases Identification through Heart Sounds: A Literature Review. Informatics, 2021, 8, 73.	2.4	11
8	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.	2.1	10
9	A Multi-Start Algorithm for Solving the Capacitated Vehicle Routing Problem with Two-Dimensional Loading Constraints. Symmetry, 2021, 13, 1697.	1.1	8
10	Hardware Architecture of a Low-Cost Scalable Energy Monitor System. SSRG International Journal of Engineering Trends and Technology, 2018, 61, 1-5.	0.3	7
11	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
12	An analytical model for virtual topology reconfiguration in optical networks and a case study. , 0, , .		6
13	Optimization algorithm based on densification and dynamic canonical descent. Journal of Computational and Applied Mathematics, 2006, 191, 269-279.	1.1	6
14	Implementation and Validation of Elephant Herding Optimization Algorithm for Acoustic Localization. , 2018, , .		6
15	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.	2.6	5
16	Drones asÂSound Sensors forÂEnergy-Based Acoustic Tracking onÂWildfire Environments. IFIP Advances in Information and Communication Technology, 2022, , 109-125.	0.5	5
17	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
18	Ontology-Based Reasoning for Educational Assistance in Noncommunicable Chronic Diseases. Computers, 2021, 10, 128.	2.1	4

#	Article	IF	Citations
19	Machine Learning andÂIoT Applied toÂCardiovascular Diseases Identification Through Heart Sounds: A Literature Review. Lecture Notes in Networks and Systems, 2022, , 356-388.	0.5	4
20	Swarm Optimization for Energy-Based Acoustic Source Localization: A Comprehensive Study. Sensors, 2022, 22, 1894.	2.1	4
21	Lossless Compression Scheme for Efficient GNSS Data Transmission on IoT Devices. , 2021, , .		3
22	ÂµJSON, a Lightweight Compression Scheme for Embedded GNSS Data Transmission on IoT Nodes. , 2022, , .		3
23	Viability study of cold generation from biomass in an agrarian exploitation. Fuel Processing Technology, 2006, 87, 129-133.	3.7	2
24	Learning and Well-Being in Educational Practices with Children and Adolescents Undergoing Cancer Treatment. Education Sciences, 2021, 11, 442.	1.4	2
25	Kalman Filtering for Tracking a Moving Acoustic Source based on Energy Measurements. , 2021, , .		2
26	Particle Swarm Optimization Embedded in UAV as a Method of Territory-Monitoring Efficiency Improvement. Symmetry, 2022, 14, 1080.	1.1	2
27	Densification and Dynamic Canonical Descent: An Optimization Algorithm. , 2019, , 75-78.		0