

Jonathan Muraña

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6858926/publications.pdf>

Version: 2024-02-01

25
papers

616
citations

687220

13
h-index

713332

21
g-index

26
all docs

26
docs citations

26
times ranked

459
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation and evaluation of multicriteria planning heuristics for demand response in datacenters. <i>Simulation</i> , 2023, 99, 291-310.	1.1	8
2	Bio-inspired negotiation approach for smart-grid colocation datacenter operation. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 2403-2423.	1.0	1
3	Learning to optimize timetables for efficient transfers in public transportation systems. <i>Applied Soft Computing Journal</i> , 2022, 119, 108616.	4.1	7
4	Smart grid demand response strategies for datacenters. <i>Proceedings of the Institute for System Programming of RAS</i> , 2021, 33, 125-136.	0.1	0
5	Exact and Metaheuristic Approach for Bus Timetable Synchronization to Maximize Transfers. <i>Communications in Computer and Information Science</i> , 2021, , 183-198.	0.4	1
6	Virtual Savant as a generic learning approach applied to the basic independent Next Release Problem. <i>Applied Soft Computing Journal</i> , 2021, 108, 107374.	4.1	4
7	User-centric multiobjective location of electric vehicle charging stations in a city-scale area. , 2021, , .		0
8	Urban Mobility Data Analysis for Public Transportation Systems: A Case Study in Montevideo, Uruguay. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5400.	1.3	26
9	Exact and heuristic approaches for multi-objective garbage accumulation points location in real scenarios. <i>Waste Management</i> , 2020, 105, 467-481.	3.7	36
10	Analysis of Sustainable Public Transportation and Mobility Recommendations for Montevideo and Parque Rod�3 Neighborhood. <i>Smart Cities</i> , 2020, 3, 479-510.	5.5	23
11	Designing a Backbone Trunk for the Public Transportation Network in Montevideo, Uruguay. <i>Communications in Computer and Information Science</i> , 2020, , 228-243.	0.4	4
12	Negotiation Approach for the Participation of Datacenters and Supercomputing Facilities in Smart Electricity Markets. <i>Programming and Computer Software</i> , 2020, 46, 636-651.	0.5	7
13	Characterization, modeling and scheduling of power consumption of scientific computing applications in multicores. <i>Cluster Computing</i> , 2019, 22, 839-859.	3.5	14
14	Cluster-UY: Collaborative Scientific High Performance Computing in Uruguay. <i>Communications in Computer and Information Science</i> , 2019, , 188-202.	0.4	41
15	Analysis of Mobility Patterns for Public Transportation and Bus Stops Relocation. <i>Programming and Computer Software</i> , 2018, 44, 508-525.	0.5	22
16	Multiobjective evolutionary algorithms for energy and service level scheduling in a federation of distributed datacenters. <i>International Transactions in Operational Research</i> , 2017, 24, 199-228.	1.8	17
17	Infrastructure Deployment in Vehicular Communication Networks Using a Parallel Multiobjective Evolutionary Algorithm. <i>International Journal of Intelligent Systems</i> , 2017, 32, 801-829.	3.3	22
18	A distributed platform for big data analysis in smart cities: combining Intelligent Transportation Systems and socioeconomic data for Montevideo, Uruguay. <i>EAI Endorsed Transactions on Smart Cities</i> , 2017, 2, 153478.	0.6	27

#	ARTICLE	IF	CITATIONS
19	Scheduling Energy Efficient Data Centers Using Renewable Energy. Electronics (Switzerland), 2016, 5, 71.	1.8	11
20	Online Bi-Objective Scheduling for IaaS Clouds Ensuring Quality of Service. Journal of Grid Computing, 2016, 14, 5-22.	2.5	39
21	Holistic multiobjective planning of datacenters powered by renewable energy. Cluster Computing, 2015, 18, 1379-1397.	3.5	19
22	An overview of metaheuristics: accurate and efficient methods for optimisation. International Journal of Metaheuristics, 2014, 3, 320.	0.1	190
23	Energy-aware online scheduling: Ensuring quality of service for IaaS clouds. , 2014, , .		14
24	An Empirical Study of the Robustness of Energy-Aware Schedulers for High Performance Computing Systems under Uncertainty. Communications in Computer and Information Science, 2014, , 143-157.	0.4	7
25	Energy-Aware Scheduling on Multicore Heterogeneous Grid Computing Systems. Journal of Grid Computing, 2013, 11, 653-680.	2.5	76