

Federico Rossi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6267679/publications.pdf>

Version: 2024-02-01

19
papers

631
citations

1307594

7
h-index

1588992

8
g-index

19
all docs

19
docs citations

19
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	Routing autonomous vehicles in congested transportation networks: structural properties and coordination algorithms. <i>Autonomous Robots</i> , 2018, 42, 1427-1442.	4.8	100
2	Model predictive control of autonomous mobility-on-demand systems. , 2016, , .		88
3	Review of Multi-Agent Algorithms for Collective Behavior: a Structural Taxonomy. <i>IFAC-PapersOnLine</i> , 2018, 51, 112-117.	0.9	72
4	Data-Driven Model Predictive Control of Autonomous Mobility-on-Demand Systems. , 2018, , .		65
5	On the Interaction Between Autonomous Mobility-on-Demand Systems and the Power Network: Models and Coordination Algorithms. <i>IEEE Transactions on Control of Network Systems</i> , 2020, 7, 384-397.	3.7	64
6	A BCMP network approach to modeling and controlling autonomous mobility-on-demand systems. <i>International Journal of Robotics Research</i> , 2019, 38, 357-374.	8.5	58
7	On the Interaction between Autonomous Mobility-on-Demand and Public Transportation Systems. , 2018, , .		55
8	Intermodal Autonomous Mobility-on-Demand. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 3946-3960.	8.0	41
9	Analysis, Control, and Evaluation of Mobility-on-Demand Systems: A Queueing-Theoretical Approach. <i>IEEE Transactions on Control of Network Systems</i> , 2019, 6, 115-126.	3.7	33
10	On the Interaction Between Autonomous Mobility on Demand Systems and Power Distribution Networks—An Optimal Power Flow Approach. <i>IEEE Transactions on Control of Network Systems</i> , 2021, 8, 1163-1176.	3.7	17
11	On the interaction between Autonomous Mobility-on-Demand systems and the power network: models and coordination algorithms. , 0, , .		11
12	Routing Autonomous Vehicles in Congested Transportation Networks: Structural Properties and Coordination Algorithms. , 0, , .		8
13	On the fundamental limitations of performance for distributed decision-making in robotic networks. , 2014, , .		5
14	Distributed consensus with mixed time/communication bandwidth performance metrics. , 2014, , .		3
15	On Local Computation for Network-Structured Convex Optimization in Multiagent Systems. <i>IEEE Transactions on Control of Network Systems</i> , 2021, 8, 542-554.	3.7	3
16	Fast Near-Optimal Heterogeneous Task Allocation via Flow Decomposition. , 2021, , .		3
17	A Visual Analytics Approach to Debugging Cooperative, Autonomous Multi-Robot Systems—Worldviews. , 2020, , .		3
18	Decentralized decision-making on robotic networks with hybrid performance metrics. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	A BCMP Network Approach to Modeling and Controlling Autonomous Mobility-on-Demand Systems. Springer Proceedings in Advanced Robotics, 2020, , 831-847.	1.3	0