

Mahdi Zargayouna

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

241
citations

1163117

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1058476

14
g-index

51
all docs

51
docs citations

51
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Space-time clustering-based method to optimize shareability in real-time ride-sharing. PLoS ONE, 2022, 17, e0262499.	2.5	2
2	On the Use of the Multi-Agent Environment for Mobility Applications. Future Internet, 2022, 14, 132.	3.8	2
3	Multi-Agent Activity-Based Simulation of a Future Neighborhood. Smart Innovation, Systems and Technologies, 2021, , 501-510.	0.6	1
4	A Middleware-Based Approach for Multi-Scale Mobility Simulation. Future Internet, 2021, 13, 22.	3.8	2
5	Can dynamic ride-sharing reduce traffic congestion?. Transportation Research Part B: Methodological, 2021, 145, 212-246.	5.9	44
6	Modeling Activity-Time to Build Realistic Plannings in Population Synthesis in a Suburban Area. Applied Sciences (Switzerland), 2021, 11, 7654.	2.5	2
7	Multiagent Simulation of Real-Time Passenger Information on Transit Networks. IEEE Intelligent Transportation Systems Magazine, 2020, 12, 50-63.	3.8	17
8	Coupling Multi-agent and Macroscopic Simulators of Traffic. Smart Innovation, Systems and Technologies, 2020, , 323-332.	0.6	0
9	A Sequential Clustering Method for the Taxi-Dispatching Problem Considering Traffic Dynamics. IEEE Intelligent Transportation Systems Magazine, 2020, 12, 169-181.	3.8	11
10	Activity-Based Demand Modeling for a Future Urban District. Sustainability, 2020, 12, 5821.	3.2	11
11	Dynamically Configurable Multi-agent Simulation for Crisis Management. Smart Innovation, Systems and Technologies, 2020, , 343-352.	0.6	0
12	A Multi-agent System for Real-Time Ride Sharing in Congested Networks. Smart Innovation, Systems and Technologies, 2020, , 333-342.	0.6	4
13	Real-Time Autonomous Taxi Service: An Agent-Based Simulation. Smart Innovation, Systems and Technologies, 2020, , 199-207.	0.6	5
14	Dispatching Requests for Agent-Based Online Vehicle Routing Problems with Time Windows. Journal of Computing and Information Technology, 2020, 28, 59-72.	0.3	1
15	Fast Bootstrapping for Reinforcement Learning-Based Traffic Signal Control Systems Using Queueing Theory. , 2020, , .		2
16	Dispatching Strategies for Dynamic Vehicle Routing Problems. Smart Innovation, Systems and Technologies, 2019, , 87-96.	0.6	0
17	Data-Oriented Approach for the Dial-A-Ride Problem. , 2019, , .		1
18	Service-Oriented Architecture for Multiscale Traffic Simulations. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Distributed Agent-Based Traffic Simulations. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 145-156.	3.8	16
20	Two distribution methods for multiagent traffic simulations. Simulation Modelling Practice and Theory, 2018, 89, 35-47.	3.8	5
21	Multiagent Environments for Dynamic Transportation Applications. Smart Innovation, Systems and Technologies, 2018, , 12-21.	0.6	0
22	Message from the AICCSA 2018 Program Chairs. , 2018, , .		0
23	A Dynamic Multiagent Simulation of Mobility in a Train Station. Transportation Research Procedia, 2017, 27, 744-751.	1.5	3
24	Generic model for resource allocation in transportation. Application to urban parking management. Transportation Research Part C: Emerging Technologies, 2016, 71, 538-554.	7.6	27
25	Patterns to distribute mobility simulations. , 2016, , .		0
26	Building a Realistic Data Environment for Multiagent Mobility Simulation. Smart Innovation, Systems and Technologies, 2016, , 57-67.	0.6	1
27	Modèles de distribution des simulations multi-agents de mobilité des voyageurs. Techniques Et Sciences Informatiques, 2016, 35, 675-694.	0.0	0
28	Impact of Travelers Information Level on Disturbed Transit Networks: A Multiagent Simulation. , 2015, , .		6
29	Simulating the impact of future Internet on multimodal mobility. , 2014, , .		9
30	Optimizing Context Computation for Multiagent Simulations. , 2014, , .		0
31	A Tree-Based Context Model to Optimize Multiagent Simulation. Lecture Notes in Computer Science, 2014, , 251-265.	1.3	1
32	Langage de coordination multi-agent s@curis@. Revue D'Intelligence Artificielle, 2013, 27, 271-298.	0.6	0
33	Online Localized Resource Allocation Application to Urban Parking Management. , 2012, , .		3
34	Fleet Organization Models for Online Vehicle Routing Problems. Lecture Notes in Computer Science, 2012, , 82-102.	1.3	8
35	Management of Urban Parking: An Agent-Based Approach. Lecture Notes in Computer Science, 2012, , 276-285.	1.3	14
36	Auto-organisation spatio-temporelle pour le VRPTW dynamique. Revue D'Intelligence Artificielle, 2011, 25, 799-824.	0.6	3

#	ARTICLE	IF	CITATIONS
37	De l'Intelligence collective pour le transport à la demande. Techniques Et Sciences Informatiques, 2011, 30, 339-360.	0.0	0
38	Data Driven Language for Agents Secure Interaction. Lecture Notes in Computer Science, 2010, , 72-91.	1.3	2
39	Impact of Competition on Quality of Service in Demand Responsive Transit. Lecture Notes in Computer Science, 2010, , 113-124.	1.3	4
40	Multidimensional Self-organization for Online Time-Constrained Vehicle Routing Problems. Lecture Notes in Computer Science, 2010, , 170-179.	1.3	0
41	Agent-based coordination model for designing transportation applications. , 2008, , .		10
42	Property Based Coordination. Lecture Notes in Computer Science, 2006, , 3-12.	1.3	5
43	Agent Information Server: A Middleware for Traveler Information. Lecture Notes in Computer Science, 2006, , 14-28.	1.3	6
44	Informational middleware based on mutual awareness. , 0, , .		0