

Yunfei Hou

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

204
citations

1478505

6
h-index

1588992

8
g-index

16
all docs

16
docs citations

16
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the COVID-19 Shock on STEM Laboratory Courses. , 2021, , .		10
2	Demo Abstract: Building a Smart Parking System on College Campus. , 2020, , .		5
3	The effects of warning characteristics on driver behavior in connected vehicles systems with missed warnings. Accident Analysis and Prevention, 2019, 124, 138-145.	5.7	21
4	Instantaneous Fuel Consumption Estimation Using Smartphones. , 2019, , .		6
5	A Reliability-Aware Vehicular Crowdsensing System for Pothole Profiling. , 2019, 3, 1-26.		11
6	Cooperative and Integrated Vehicle and Intersection Control for Energy Efficiency (CIVIC-E ²). IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 2325-2337.	8.0	19
7	Indoor localization with asymmetric grid-based filters in large areas utilizing smartphones. , 2017, , .		4
8	VehSense: Slippery Road Detection Using Smartphones. , 2017, , .		9
9	TASeT: Improving the Efficiency of Electric Taxis With Transfer-Allowed Rideshare. IEEE Transactions on Vehicular Technology, 2016, 65, 9518-9528.	6.3	13
10	Integrated Traffic-Driving-Networking Simulator for the Design of Connected Vehicle Applications: Eco-Signal Case Study. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2016, 20, 75-87.	4.2	26
11	Simulation-Based Testing and Evaluation Tools for Transportation Cyber-Physical Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 1098-1108.	6.3	29
12	Emerging Applications for Cyber Transportation Systems. Journal of Computer Science and Technology, 2014, 29, 562-575.	1.5	3
13	An integrated traffic-driving simulation framework: Design, implementation, and validation. Transportation Research Part C: Emerging Technologies, 2014, 45, 138-153.	7.6	29
14	A Partial Reality Experimental System for Human-in-the-Loop Testing of Connected and Automated Vehicle Applications: Development, Validation and Applications. Lecture Notes in Mobility, 2014, , 185-196.	0.2	2
15	On-road ads delivery scheduling and bandwidth allocation in vehicular CPS. , 2013, , .		10
16	TicTac: From transfer-incapable carpooling to transfer-allowed carpooling. , 2012, , .		7