

Fengping Zhan

List of Publications by Year in descending order

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17
papers

478
citations

1163117

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h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	The Determinants behind the Acceptance of Autonomous Vehicles: A Systematic Review. Sustainability, 2020, 12, 1719.	3.2	181
2	Exploring the Factors Affecting Mode Choice Intention of Autonomous Vehicle Based on an Extended Theory of Planned Behavior—A Case Study in China. Sustainability, 2019, 11, 1155.	3.2	112
3	Agent-Based Simulation of Autonomous Vehicles: A Systematic Literature Review. IEEE Access, 2020, 8, 79089-79103.	4.2	45
4	Factors that influence parents' intentions of using autonomous vehicles to transport children to and from school. Accident Analysis and Prevention, 2021, 152, 105991.	5.7	34
5	Travel mode choice and their impacts on environment—a literature review based on bibliometric and content analysis, 2000—2018. Journal of Cleaner Production, 2020, 249, 119391.	9.3	32
6	Accuracy Analysis of Freeway Traffic Speed Estimation Based on the Integration of Cellular Probe System and Loop Detectors. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2015, 19, 411-426.	4.2	31
7	Methods for Multi-Type Sensor Allocations Along a Freeway Corridor. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 134-149.	3.8	17
8	Research on the Mode Choice Intention of the Elderly for Autonomous Vehicles Based on the Extended Ecological Model. Sustainability, 2020, 12, 10661.	3.2	9
9	Sample Size Reduction Method Based on Data Fusion for Freeways with Fixed Detectors. Transportation Research Record, 2015, 2528, 18-26.	1.9	6
10	Method for Allocating Multitype Sensors on a Freeway Corridor with Existing Sensors. Journal of Transportation Engineering Part A: Systems, 2017, 143, .	1.4	4
11	Data Accuracy Oriented Method for Deploying Fixed and Mobile Traffic Sensors Along a Freeway. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 173-186.	3.8	4
12	An adaptive signal control using connected-vehicle data. Proceedings of the Institution of Civil Engineers: Transport, 2019, 172, 102-110.	0.6	2
13	Determining the sample size of probe vehicles in different traffic conditions on freeway. , 2015, , .		1
14	Research on the Construction Mechanisms for Intelligent Transportation Systems in Foreign Countries. Advanced Materials Research, 2012, 594-597, 3024-3028.	0.3	0
15	Study on the Construction and Operation Mechanisms of the Urban Intelligent Transportation System in China. , 2014, , .		0
16	Optimal Spacing of Traffic Counting Stations on a High-Volume Highway Based on Queuing Models. , 2015, , .		0
17	Infrastructure Allocation for Improving Sensing Accuracy and Connectivity Probability Based on Combination Strategy in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15244-15255.	8.0	0