Mohammed H Almannaa

List of Publications by Year
in descending order

20	369	933447 10	1199594 12
papers	citations	h-index	g-index

22	22	22	350
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A comparative analysis of e-scooter and e-bike usage patterns: Findings from the City of Austin, TX. International Journal of Sustainable Transportation, 2021, 15, 571-579.	4.1	60
2	Perception Analysis of E-Scooter Riders and Non-Riders in Riyadh, Saudi Arabia: Survey Outputs. Sustainability, 2021, 13, 863.	3.2	47
3	Smartphone Transportation Mode Recognition Using a Hierarchical Machine Learning Classifier and Pooled Features From Time and Frequency Domains. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 244-252.	8.0	38
4	Field implementation and testing of an automated eco-cooperative adaptive cruise control system in the vicinity of signalized intersections. Transportation Research, Part D: Transport and Environment, 2019, 67, 244-262.	6.8	36
5	Modeling bike availability in a bike-sharing system using machine learning. , 2017, , .		32
6	Heuristic Approaches to Solve E-Scooter Assignment Problem. IEEE Access, 2019, 7, 175093-175105.	4.2	25
7	Development and Preliminary Field Testing of an In-Vehicle Eco-Speed Control System in the Vicinity of Signalized Intersections. IFAC-PapersOnLine, 2016, 49, 249-254.	0.9	23
8	Dynamic linear models to predict bike availability in a bike sharing system. International Journal of Sustainable Transportation, 2020, 14, 232-242.	4.1	21
9	Network and station-level bike-sharing system prediction: a San Francisco bay area case study. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2022, 26, 602-612.	4.2	18
10	Reducing Vehicle Fuel Consumption and Delay at Signalized Intersections: Controlled-Field Evaluation of Effectiveness of Infrastructure-to-Vehicle Communication. Transportation Research Record, 2017, 2621, 10-20.	1.9	15
11	A Novel Supervised Clustering Algorithm for Transportation System Applications. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 222-232.	8.0	15
12	Optimal Assignment of e-scooter to Chargers. , 2019, , .		8
13	Deep Transfer Learning for Vulnerable Road Users Detection using Smartphone Sensors Data. Remote Sensing, 2020, 12, 3508.	4.0	7
14	A Novel Crowdsourcing Model for Micro-Mobility Ride-Sharing Systems. Sensors, 2021, 21, 4636.	3.8	7
15	Network-wide bike availability clustering using the college admission algorithm: A case study of San Francisco Bay area. , 2017, , .		4
16	Bike share travel time modeling: San Francisco bay area case study. , 2017, , .		3
17	Incremental Learning Models of Bike Counts at Bike Sharing Systems. , 2018, , .		3
18	A New Mathematical Approach to Solve Bike Share System Station Imbalances Based On Portable Stations. , 2019, , .		1

#	Article	IF	Citations
19	Smart Bike-Sharing Systems for Smart Cities. , 2018, , 111-142.		1
20	Identifying Optimum Bike Station Initial Conditions using Markov Chain Modeling. , 0, , .		1