

Muhammad Adnan

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

557
citations

840585

11
h-index

677027

22
g-index

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docs citations

32
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of unmanned aerial vehicle (UAV) in road safety, traffic and highway infrastructure management: Recent advances and challenges. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 141, 116-129.	2.0	159
2	Microsimulation of Demand and Supply of Autonomous Mobility On Demand. <i>Transportation Research Record</i> , 2016, 2564, 21-30.	1.0	90
3	Estimation of Traffic Congestion Cost-A Case Study of a Major Arterial in Karachi. <i>Procedia Engineering</i> , 2014, 77, 37-44.	1.2	46
4	Passenger Car Equivalent Factors in Heterogenous Traffic Environment-are We Using the Right Numbers?. <i>Procedia Engineering</i> , 2014, 77, 106-113.	1.2	35
5	Last-mile travel and bicycle sharing system in small/medium sized cities: userâ€™s preferences investigation using hybrid choice model. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019, 10, 4721-4731.	3.3	27
6	Autonomous mobility on demand in SimMobility: Case study of the central business district in Singapore. , 2015, , .		26
7	A route to school informational intervention for air pollution exposure reduction. <i>Sustainable Cities and Society</i> , 2020, 53, 101965.	5.1	26
8	New Path Size Formulation in Path Size Logit for Route Choice Modeling in Public Transport Networks. <i>Transportation Research Record</i> , 2015, 2538, 11-18.	1.0	21
9	A personalized mobility based intervention to promote pro-environmental travel behavior. <i>Sustainable Cities and Society</i> , 2020, 62, 102397.	5.1	19
10	Activity-based model for medium-sized cities considering external activityâ€™travel: Enhancing FEATHERS framework. <i>Future Generation Computer Systems</i> , 2019, 96, 51-63.	4.9	15
11	On the fundamental diagram and driving behavior modeling of heterogeneous traffic flow using UAV-based data. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 148, 100-115.	2.0	15
12	Investigation of helmet use behavior of motorcyclists and effectiveness of enforcement campaign using CART approach. <i>IATSS Research</i> , 2019, 43, 195-203.	1.8	12
13	Examining impacts of time-based pricing strategies in public transportation: A study of Singapore. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 140, 127-141.	2.0	12
14	Evaluating Off-Peak Pricing Strategies in Public Transportation with an Activity-Based Approach. <i>Transportation Research Record</i> , 2016, 2544, 10-19.	1.0	11
15	Integrated agent-based microsimulation framework for examining impacts of mobility-oriented policies. <i>Personal and Ubiquitous Computing</i> , 2021, 25, 205-217.	1.9	9
16	Uncertainty analysis of an activity-based microsimulation model for Singapore. <i>Future Generation Computer Systems</i> , 2020, 110, 350-363.	4.9	6
17	Estimation of travel time distributions for urban roads using GPS trajectories of vehicles: a case of Athens, Greece. <i>Personal and Ubiquitous Computing</i> , 2021, 25, 237-246.	1.9	6
18	Travelersâ€™ preferences regarding autonomous mobility in the State of Qatar. <i>Personal and Ubiquitous Computing</i> , 2021, 25, 141-149.	1.9	5

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19	Examining queue-jumping phenomenon in heterogeneous traffic stream at signalized intersection using UAV-based data. <i>Personal and Ubiquitous Computing</i> , 2021, 25, 93-108.	1.9	5
20	Model for Integrating Home-Work Tour Scheduling with Time-Varying Network Congestion and Marginal Utility Profiles for Home and Work Activities. <i>Transportation Research Record</i> , 2009, 2134, 21-30.	1.0	2
21	Modeling External Trips: Review of Past Studies and Directions for Way Forward. <i>Journal of Transportation Engineering Part A: Systems</i> , 2018, 144, 04018051.	0.8	2
22	Modelling Distribution of External-Internal Trips and Its Intra-region and Inter-region Transferability. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 4517-4532.	1.7	2
23	Exploring the Spatial Transferability of FEATHERS - An Activity Based Travel Demand Model - For Ho Chi Minh City, Vietnam. <i>Procedia Computer Science</i> , 2019, 151, 226-233.	1.2	2
24	Air Quality Based Informational Intervention Framework To Promote Healthy And Active School Travel. <i>Procedia Computer Science</i> , 2018, 141, 382-389.	1.2	1
25	An Effective Methodology for Road Accident Data Collection in Developing Countries. <i>Advances in Data Mining and Database Management Book Series</i> , 2014, , 103-114.	0.4	1
26	Estimating Passenger Car Equivalent Factors for Heterogeneous Traffic Using Occupancy-Density Linear Regression Model. <i>Transportation Research Record</i> , 2022, 2676, 209-220.	1.0	1
27	Modeling and Structuring of Activity Scheduling Choices with Consideration of Intrazonal Tours: A Case Study of Motorcycle-Based Cities. <i>Sustainability</i> , 2022, 14, 6367.	1.6	1
28	Empirical Validation of Three Macroscopic Dynamic Network Loading Models. <i>Procedia Computer Science</i> , 2013, 19, 364-371.	1.2	0
29	Value of Time for Users of King Fahd Causeway Using Conventional and Artificial Intelligence Methodologies. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 985-997.	1.7	0
30	Comprehensive Modeling Framework to Integrate External Trips in a Travel Demand Model. <i>Journal of Computing in Civil Engineering</i> , 2019, 33, 04019011.	2.5	0
31	An Effective Methodology for Road Accident Data Collection in Developing Countries. , 2015, , 585-597.		0
32	An Effective Methodology for Road Accident Data Collection in Developing Countries. , 2016, , 462-474.		0