

Miguel Angel Estrada Romeu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

811
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all docs

43
docs citations

43
times ranked

739
citing authors

#	ARTICLE	IF	CITATIONS
1	Competitive transit network design in cities with radial street patterns. Transportation Research Part B: Methodological, 2014, 59, 161-181.	2.8	85
2	Potentialities of drones and ground autonomous delivery devices for last-mile logistics. Transportation Research, Part E: Logistics and Transportation Review, 2021, 149, 102325.	3.7	74
3	A review of the modeling of taxi services. Procedia, Social and Behavioral Sciences, 2011, 20, 150-161.	0.5	66
4	Designing New Models for Energy Efficiency in Urban Freight Transport for Smart Cities and its Application to the Spanish Case. Transportation Research Procedia, 2016, 12, 314-324.	0.8	65
5	Bus control strategies in corridors with signalized intersections. Transportation Research Part C: Emerging Technologies, 2016, 71, 500-520.	3.9	43
6	Bus network structure and mobility pattern: A monocentric analytical approach on a grid street layout. Transportation Research Part B: Methodological, 2016, 93, 37-56.	2.8	40
7	Design and implementation of efficient transit networks: Procedure, case study and validity test. Transportation Research, Part A: Policy and Practice, 2011, 45, 935-950.	2.0	35
8	Stakeholder's profitability of carrier-led consolidation strategies in urban goods distribution. Transportation Research, Part E: Logistics and Transportation Review, 2017, 104, 165-188.	3.7	34
9	Parking slot assignment for urban distribution: Models and formulations. Omega, 2015, 57, 157-175.	3.6	32
10	An Evaluation of Urban Consolidation Centers Through Logistics Systems Analysis in Circumstances Where Companies have Equal Market Shares. Procedia, Social and Behavioral Sciences, 2012, 39, 796-806.	0.5	30
11	Aggregated Modeling of Urban Taxi Services. Procedia, Social and Behavioral Sciences, 2014, 160, 352-361.	0.5	26
12	Agent Based Modelling for Simulating Taxi Services. Procedia Computer Science, 2015, 52, 902-907.	1.2	24
13	Large-scale microscopic simulation of taxi services. Berlin and Barcelona case studies. Journal of Ambient Intelligence and Humanized Computing, 2016, 7, 385-393.	3.3	21
14	Improving Bus Travel Times with Passive Traffic Signal Coordination. Transportation Research Record, 2009, 2111, 68-75.	1.0	19
15	The design of interurban bus networks in city centers. Transportation Research, Part A: Policy and Practice, 2012, 46, 1153-1165.	2.0	19
16	An Evaluation of Urban Consolidation Centers Through Continuous Analysis with Non-equal Market Share Companies. Transportation Research Procedia, 2016, 12, 370-382.	0.8	17
17	Formulas for Estimating Average Distance Traveled in Vehicle Routing Problems in Elliptic Zones. Transportation Research Record, 2004, 1873, 64-69.	1.0	16
18	Optimization on Emergency Materials Dispatching Considering the Characteristics of Integrated Emergency Response for Large-Scale Marine Oil Spills. Journal of Marine Science and Engineering, 2019, 7, 214.	1.2	16

#	ARTICLE	IF	CITATIONS
19	Charging operations in battery electric bus systems considering fleet size variability along the service. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 138, 103609.	3.9	15
20	City logistics: Challenges and opportunities for technology providers. <i>Journal of Urban Mobility</i> , 2022, 2, 100020.	1.2	15
21	Operational cost and user performance analysis of on-demand bus and taxi systems. <i>Transportation Letters</i> , 2021, 13, 229-242.	1.8	13
22	Agent Based Modeling for Simulation of Taxi Services. <i>Journal of Traffic and Logistics Engineering</i> , 2013, 1, 159-163.	0.3	12
23	Battery Electric Bus Network: Efficient Design and Cost Comparison of Different Powertrains. <i>Sustainability</i> , 2021, 13, 4745.	1.6	10
24	Stopover and hub-and-spoke shipment strategies in less-than-truckload carriers. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 76, 108-121.	3.7	9
25	Management of On-demand Transport Services in Urban Contexts. Barcelona Case Study. <i>Transportation Research Procedia</i> , 2016, 13, 155-165.	0.8	8
26	Social optimal shifts and fares for the Barcelona taxi sector. <i>Transport Policy</i> , 2019, 76, 111-122.	3.4	8
27	Operation of transit corridors served by two routes: Physical design, synchronization, and control strategies. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 130, 103283.	3.9	8
28	A Methodology for Assessing the Impact of Living Labs on Urban Design: The Case of the Furnish Project. <i>Sustainability</i> , 2021, 13, 4562.	1.6	7
29	Optimal Length of Transit Network with Traffic Performance Microsimulation. <i>Transportation Research Record</i> , 2012, 2276, 9-16.	1.0	6
30	NIGHT DELIVERIES AND CARRIER-LED CONSOLIDATION STRATEGIES TO IMPROVE URBAN GOODS DISTRIBUTION. <i>Transport</i> , 2018, 33, 930-947.	0.6	6
31	Long-Haul Shipment Optimization for Less-Than-Truckload Carriers. <i>Transportation Research Record</i> , 2009, 2091, 12-20.	1.0	5
32	Agent-Based Simulation Framework for the Taxi Sector Modeling. <i>Procedia Computer Science</i> , 2018, 130, 294-301.	1.2	5
33	Charging operations in battery electric bus systems at the depot. <i>Transportation Research Procedia</i> , 2021, 58, 103-110.	0.8	5
34	Modelling individual perception of barriers to bike use. <i>Transportation Research Procedia</i> , 2021, 58, 293-300.	0.8	4
35	Modeling Framework for Comparing Taxi Operational Modes: Case Study in Barcelona. <i>Transportation Research Procedia</i> , 2018, 33, 59-66.	0.8	3
36	Modeling public transportation networks for a circular city: the role of urban subcenters and mobility density. <i>Transportation Research Procedia</i> , 2020, 47, 353-360.	0.8	3

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37	Does size really matter? Dual distribution channel with vans and autonomous delivery devices. Transportation Research Procedia, 2021, 58, 262-269.	0.8	3
38	New Modifications to Bus Network Design Methodology. Transportation Research Record, 2010, 2197, 43-53.	1.0	2
39	Effect of Variable Bus Speeds on Bus Network Design. Journal of Public Transportation, 2010, 13, 71-91.	0.3	1
40	Analysis of an Autonomous Driving Modular Bus System. Transportation Research Procedia, 2021, 58, 181-188.	0.8	1
41	Social optimal shifts and fares of taxi services. , 0, , .		0
42	Structural Analysis in Transit System Using Network Theory Case of Guadalajara, Mexico. Urban Science, 2021, 5, 87.	1.1	0
43	Spatial analysis of public transportation infrastructure in Santiago, Chile, using the continuous approximation method. Transportation Research Procedia, 2021, 58, 309-316.	0.8	0