

Leonardo Caggiani

List of Publications by Year in descending order

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41
papers

1,064
citations

471061

17
h-index

433756

31
g-index

41
all docs

41
docs citations

41
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	A mathematical programming model for optimal fleet management of electric car-sharing systems with Vehicle-to-Grid operations. <i>Journal of Cleaner Production</i> , 2022, 368, 133147.	4.6	12
2	A green logistics solution for last-mile deliveries considering e-vans and e-cargo bikes. <i>Transportation Research Procedia</i> , 2021, 52, 75-82.	0.8	24
3	Evaluating the Efficiency of Bike-Sharing Stations with Data Envelopment Analysis. <i>Sustainability</i> , 2021, 13, 881.	1.6	7
4	A Novel Distributed System of e-Vehicle Charging Stations Based on Pumps as Turbine to Support Sustainable Micromobility. <i>Sustainability</i> , 2021, 13, 1847.	1.6	11
5	Toward Sustainability: Bike-Sharing Systems Design, Simulation and Management. <i>Sustainability</i> , 2021, 13, 7519.	1.6	8
6	A static relocation strategy for electric car-sharing systems in a vehicle-to-grid framework. <i>Transportation Letters</i> , 2021, 13, 219-228.	1.8	15
7	Accessibility indicators for fair bike-sharing systems based on level of service. , 2021, , .		0
8	An equality-based model for bike-sharing stations location in bicycle-public transport multimodal mobility. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 140, 251-265.	2.0	36
9	An eco-friendly Decision Support System for last-mile delivery using e-cargo bikes. , 2020, , .		2
10	An approach to modeling bike-sharing systems based on spatial equity concept. <i>Transportation Research Procedia</i> , 2020, 45, 185-192.	0.8	12
11	Inequalities in access to bike-and-ride opportunities: Findings for the city of MalmÅ¶. <i>Transportation Research, Part A: Policy and Practice</i> , 2019, 130, 673-688.	2.0	22
12	An urban bikeway network design model for inclusive and equitable transport policies. <i>Transportation Research Procedia</i> , 2019, 37, 59-66.	0.8	13
13	Study of the accessibility inequalities of cordon-based pricing strategies using a multimodal Theil index. <i>Transportation Planning and Technology</i> , 2019, 42, 498-514.	0.9	17
14	A Sustainable Crowdsourced Delivery System to Foster Free-Floating Bike-Sharing. <i>Sustainability</i> , 2019, 11, 2772.	1.6	22
15	A two-stage Metaheuristic approach for solving the Vehicle Routing Problem with Simultaneous Pickup/Delivery and Door-to-Door service. , 2019, , .		3
16	A comparative efficiency and productivity analysis: Implication to airlines located in Central and South-East Europe. <i>Journal of Air Transport Management</i> , 2019, 78, 152-163.	2.4	17
17	User satisfaction based model for resource allocation in bike-sharing systems. <i>Transport Policy</i> , 2019, 80, 117-126.	3.4	49
18	Modeling horizontal and vertical equity in the public transport design problem: A case study. <i>Transportation Research, Part A: Policy and Practice</i> , 2019, 125, 184-206.	2.0	32

#	ARTICLE	IF	CITATIONS
19	A modeling framework for the dynamic management of free-floating bike-sharing systems. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 87, 159-182.	3.9	204
20	En route truck drone parcel delivery for optimal vehicle routing strategies. <i>IET Intelligent Transport Systems</i> , 2018, 12, 253-261.	1.7	97
21	Facing equity in transportation Network Design Problem: A flexible constraints based model. <i>Transport Policy</i> , 2017, 55, 9-17.	3.4	38
22	A road network design model considering horizontal and vertical equity: Evidences from an empirical study. <i>Case Studies on Transport Policy</i> , 2017, 5, 392-399.	1.1	5
23	A real time multi-objective cyclists route choice model for a bike-sharing mobile application. , 2017, , .		8
24	A dynamic clustering method for relocation process in free-floating vehicle sharing systems. <i>Transportation Research Procedia</i> , 2017, 27, 278-285.	0.8	10
25	Planning and Design of Equitable Free-Floating Bike-Sharing Systems Implementing a Road Pricing Strategy. <i>Journal of Advanced Transportation</i> , 2017, 2017, 1-18.	0.9	20
26	Spatio-temporal Clustering and Forecasting Method for Free-Floating Bike Sharing Systems. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 244-254.	0.5	9
27	Better for Everyone: An Approach to Multimodal Network Design Considering Equity. <i>Transportation Research Procedia</i> , 2016, 19, 303-315.	0.8	14
28	Managing the Uncertainty of Data Fusion from Different Sources in Modelling Route Choice Behaviour. , 2015, , .		2
29	Measuring Transport Systems Efficiency Under Uncertainty by Fuzzy Sets Theory Based Data Envelopment Analysis: Theoretical and Practical Comparison with Traditional DEA Model. <i>Transportation Research Procedia</i> , 2015, 5, 186-200.	0.8	28
30	A Neural Network based Model for Real Estate Price Estimation Considering Environmental Quality of Property Location. <i>Transportation Research Procedia</i> , 2014, 3, 810-817.	0.8	71
31	Measuring Transport Systems Efficiency under Uncertainty by Fuzzy Sets Theory based Data Envelopment Analysis. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 111, 770-779.	0.5	20
32	Handling uncertainty in Multi Regional Input-Output models by entropy maximization and fuzzy programming. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014, 71, 159-172.	3.7	10
33	Features Selection based on Fuzzy Entropy for Data Envelopment Analysis Applied to Transport Systems. <i>Transportation Research Procedia</i> , 2014, 3, 602-610.	0.8	8
34	Design of Priority Transportation Corridor Under Uncertainty. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 291-303.	0.5	1
35	A Dynamic Simulation based Model for Optimal Fleet Repositioning in Bike-sharing Systems. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 87, 203-210.	0.5	67
36	A fixed point approach to origin destination matrices estimation using uncertain data and fuzzy programming on congested networks. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 28, 130-141.	3.9	33

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37	A Modular Soft Computing based Method for Vehicles Repositioning in Bike-sharing Systems. Procedia, Social and Behavioral Sciences, 2012, 54, 675-684.	0.5	71
38	A Metaheuristic Dynamic Traffic Assignment Model for O-D Matrix Estimation using Aggregate Data. Procedia, Social and Behavioral Sciences, 2012, 54, 685-695.	0.5	11
39	Traffic equilibrium network design problem under uncertain constraints. Procedia, Social and Behavioral Sciences, 2011, 20, 372-380.	0.5	7
40	An Adaptive Neuro-Fuzzy Inference System for Simulation of Pedestrians Behaviour at Unsignalized Roadway Crossings. Advances in Intelligent and Soft Computing, 2010, , 255-262.	0.2	11
41	New Decision Support System for Optimization of Rail Track Maintenance Planning Based on Adaptive Neurofuzzy Inference System. Transportation Research Record, 2008, 2043, 49-54.	1.0	17