Leonardo Caggiani

List of Publications by Year
in descending order

		471061	433756
41 papers	**1,064** citations	**17** h-index	**31** g-index
41 all docs	**41** docs citations	**41** times ranked	**949** citing authors

#	Article	IF	Citations
1	A modeling framework for the dynamic management of free-floating bike-sharing systems. Transportation Research Part C: Emerging Technologies, 2018, 87, 159-182.	3.9	204
2	*En route* truck–drone parcel delivery for optimal vehicle routing strategies. IET Intelligent Transport Systems, 2018, 12, 253-261.	1.7	97
3	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
4	A Neural Network based Model for Real Estate Price Estimation Considering Environmental Quality of Property Location. Transportation Research Procedia, 2014, 3, 810-817.	0.8	71
5	A Dynamic Simulation based Model for Optimal Fleet Repositioning in Bike-sharing Systems. Procedia, Social and Behavioral Sciences, 2013, 87, 203-210.	0.5	67
6	User satisfaction based model for resource allocation in bike-sharing systems. Transport Policy, 2019, 80, 117-126.	3.4	49
7	Facing equity in transportation Network Design Problem: A flexible constraints based model. Transport Policy, 2017, 55, 9-17.	3.4	38
8	An equality-based model for bike-sharing stations location in bicycle-public transport multimodal mobility. Transportation Research, Part A: Policy and Practice, 2020, 140, 251-265.	2.0	36
9	A fixed point approach to origin–destination matrices estimation using uncertain data and fuzzy programming on congested networks. Transportation Research Part C: Emerging Technologies, 2013, 28, 130-141.	3.9	33
10	Modeling horizontal and vertical equity in the public transport design problem: A case study. Transportation Research, Part A: Policy and Practice, 2019, 125, 184-206.	2.0	32
11	Measuring Transport Systems Efficiency Under Uncertainty by Fuzzy Sets Theory Based Data Envelopment Analysis: Theoretical and Practical Comparison with Traditional DEA Model. Transportation Research Procedia, 2015, 5, 186-200.	0.8	28
12	A green logistics solution for last-mile deliveries considering e-vans and e-cargo bikes. Transportation Research Procedia, 2021, 52, 75-82.	0.8	24
13	Inequalities in access to bike-and-ride opportunities: Findings for the city of Malmö. Transportation Research, Part A: Policy and Practice, 2019, 130, 673-688.	2.0	22
14	A Sustainable Crowdsourced Delivery System to Foster Free-Floating Bike-Sharing. Sustainability, 2019, 11, 2772.	1.6	22
15	Measuring Transport Systems Efficiency under Uncertainty by Fuzzy Sets Theory based Data Envelopment Analysis. Procedia, Social and Behavioral Sciences, 2014, 111, 770-779.	0.5	20
16	Planning and Design of Equitable Free-Floating Bike-Sharing Systems Implementing a Road Pricing Strategy. Journal of Advanced Transportation, 2017, 2017, 1-18.	0.9	20
17	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
18	Study of the accessibility inequalities of cordon-based pricing strategies using a multimodal Theil index. Transportation Planning and Technology, 2019, 42, 498-514.	0.9	17

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19	A comparative efficiency and productivity analysis: Implication to airlines located in Central and South-East Europe. Journal of Air Transport Management, 2019, 78, 152-163.	2.4	17
20	A static relocation strategy for electric car-sharing systems in a vehicle-to-grid framework. Transportation Letters, 2021, 13, 219-228.	1.8	15
21	Better for Everyone: An Approach to Multimodal Network Design Considering Equity. Transportation Research Procedia, 2016, 19, 303-315.	0.8	14
22	An urban bikeway network design model for inclusive and equitable transport policies. Transportation Research Procedia, 2019, 37, 59-66.	0.8	13
23	An approach to modeling bike-sharing systems based on spatial equity concept. Transportation Research Procedia, 2020, 45, 185-192.	0.8	12
24	A mathematical programming model for optimal fleet management of electric car-sharing systems with Vehicle-to-Grid operations. Journal of Cleaner Production, 2022, 368, 133147.	4.6	12
25	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
26	A Novel Distributed System of e-Vehicle Charging Stations Based on Pumps as Turbine to Support Sustainable Micromobility. Sustainability, 2021, 13, 1847.	1.6	11
27	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
28	Handling uncertainty in Multi Regional Input-Output models by entropy maximization and fuzzy programming. Transportation Research, Part E: Logistics and Transportation Review, 2014, 71, 159-172.	3.7	10
29	A dynamic clustering method for relocation process in free-floating vehicle sharing systems. Transportation Research Procedia, 2017, 27, 278-285.	0.8	10
30	Spatio-temporal Clustering and Forecasting Method for Free-Floating Bike Sharing Systems. Advances in Intelligent Systems and Computing, 2017, , 244-254.	0.5	9
31	Features Selection based on Fuzzy Entropy for Data Envelopment Analysis Applied to Transport Systems. Transportation Research Procedia, 2014, 3, 602-610.	0.8	8
32	A real time multi-objective cyclists route choice model for a bike-sharing mobile application. , 2017, , .		8
33	Toward Sustainability: Bike-Sharing Systems Design, Simulation and Management. Sustainability, 2021, 13, 7519.	1.6	8
34	Traffic equilibrium network design problem under uncertain constraints. Procedia, Social and Behavioral Sciences, 2011, 20, 372-380.	0.5	7
35	Evaluating the Efficiency of Bike-Sharing Stations with Data Envelopment Analysis. Sustainability, 2021, 13, 881.	1.6	7
36	A road network design model considering horizontal and vertical equity: Evidences from an empirical study. Case Studies on Transport Policy, 2017, 5, 392-399.	1.1	5

#	Article	IF	Citations
37	A two-stage Metaheuristic approach for solving the Vehicle Routing Problem with Simultaneous Pickup/Delivery and Door-to-Door service. , 2019, , .		3
38	Managing the Uncertainty of Data Fusion from Different Sources in Modelling Route Choice Behaviour. , 2015, , .		2
39	An eco-friendly Decision Support System for last-mile delivery using e-cargo bikes. , 2020, , .		2
40	Design of Priority Transportation Corridor Under Uncertainty. Advances in Intelligent Systems and Computing, 2014, , 291-303.	0.5	1
41	Accessibility indicators for fair bike-sharing systems based on level of service. , 2021, , .		0