A modeling framework for the dynamic management of

Transportation Research Part C: Emerging Technologies
87, 159-182
DOI: 10.1016/j.trc.2018.01.001

Citation Report

#	Article	IF	Citations
1	Predicting station-level hourly demand in a large-scale bike-sharing network: A graph convolutional neural network approach. Transportation Research Part C: Emerging Technologies, 2018, 97, 258-276.	3.9	286
2	Static green repositioning in bike sharing systems with broken bikes. Transportation Research, Part D: Transport and Environment, 2018, 65, 438-457.	3.2	69
3	A Multiperiodic Optimization Formulation for the Operation Planning of Free-Floating Shared Bike in China. Mathematical Problems in Engineering, 2018, 2018, 1-11.	0.6	4
4	Incentivized vehicle relocation in vehicle sharing systems. Transportation Research Part C: Emerging Technologies, 2018, 97, 175-193.	3.9	61
5	Performance analysis of a hybrid bike sharing system: A service-level-based approach under censored demand observations. Transportation Research, Part E: Logistics and Transportation Review, 2018, 116, 59-69.	3.7	43
6	Dockless Bike-Sharing Reallocation Based on Data Analysis: Solving Complex Problem with Simple Method. , 2018, , .		9
7	Innovative Bike-Sharing in China: Solving Faulty Bike-Sharing Recycling Problem. Journal of Advanced Transportation, 2018, 2018, 1-10.	0.9	22
8	The station-free sharing bike demand forecasting with a deep learning approach and large-scale datasets. Transportation Research Part C: Emerging Technologies, 2018, 95, 47-60.	3.9	208
9	Optimizing Rebalance Scheme for Dock-Less Bike Sharing Systems with Adaptive User Incentive. , 2019, , .		27
10	Spatial Cluster-Based Model for Static Rebalancing Bike Sharing Problem. Sustainability, 2019, 11, 3205.	1.6	13
11	A Bilevel Programming Model and Algorithm for the Static Bike Repositioning Problem. Journal of Advanced Transportation, 2019, 2019, 1-19.	0.9	16
12	A dynamic pricing scheme with negative prices in dockless bike sharing systems. Transportation Research Part B: Methodological, 2019, 127, 201-224.	2.8	61
13	Biking islands in cities: An analysis combining bike trajectory and percolation theory. Journal of Transport Geography, 2019, 80, 102497.	2.3	23
14	A low dimensional model for bike sharing demand forecasting. , 2019, , .		3
15	Modelling Methods for Planning and Operation of Bike-Sharing Systems. Journal of the Indian Institute of Science, 2019, 99, 621-645.	0.9	7
16	Flexible Mobile Hub for E-Bike Sharing and Cruise Tourism: A Case Study. Sustainability, 2019, 11, 5462.	1.6	13
17	Shared Bicycle Regional Allocation Planning Model Based on Bi-Level Programming. , 2019, , .		0
18	Study on the Bike-sharing Inventory Rebalancing and Vehicle Routing for Bike-sharing System. Transportation Research Procedia, 2019, 39, 624-633.	0.8	12

#	Article	IF	Citations
19	Graph convolutional network approach applied to predict hourly bike-sharing demands considering spatial, temporal, and global effects. PLoS ONE, 2019, 14, e0220782.	1.1	22
20	Heuristic Bike Optimization Algorithm to Improve Usage Efficiency of the Station-Free Bike Sharing System in Shenzhen, China. ISPRS International Journal of Geo-Information, 2019, 8, 239.	1.4	11
21	Dynamic evolution of demand fluctuation in bike-sharing systems for green travel. Journal of Cleaner Production, 2019, 231, 1364-1374.	4.6	19
22	Considering user behavior in free-floating bike sharing system design: A data-informed spatial agent-based model. Sustainable Cities and Society, 2019, 49, 101567.	5.1	41
23	A Sustainable Crowdsourced Delivery System to Foster Free-Floating Bike-Sharing. Sustainability, 2019, 11, 2772.	1.6	22
24	Is Bicycle Sharing an Environmental Practice? Evidence from a Life Cycle Assessment Based on Behavioral Surveys. Sustainability, 2019, 11, 1550.	1.6	38
25	Optimal pricing and availability strategy of a bike-sharing firm with time-sensitive customers. Journal of Cleaner Production, 2019, 228, 208-221.	4.6	38
26	Optimizing the Location of Virtual Stations in Free-Floating Bike-Sharing Systems with the User Demand during Morning and Evening Rush Hours. Journal of Advanced Transportation, 2019, 2019, 1-11.	0.9	9
27	Examining and optimizing the BCycle bike-sharing system â€“ A pilot study in Colorado, US. Applied Energy, 2019, 247, 1-12.	5.1	34
28	A model framework for discovering the spatio-temporal usage patterns of public free-floating bike-sharing system. Transportation Research Part C: Emerging Technologies, 2019, 103, 39-55.	3.9	123
29	Analysis and Improvement of User Behavior of Free-Floating Bike Sharing in China Based on Questionnaire. Advances in Intelligent Systems and Computing, 2019, , 601-610.	0.5	0
30	Beyond Open vs. Closed. , 2019, , .		24
31	Multi-player Game Model and Mixed Strategy Analysis in Sharing System. , 2019, , .		1
32	A Simulation Framework for the Rebalancing and Maintenance of Bicycle-sharing Systems. , 2019, , .		0
33	An Efficient Scheme for Dynamic Car Relocation in Free-Floating Car-Sharing Systems. , 2019, , .		1
34	Revealing Travel Patterns from Dockless Bike-sharing Data Based on Tensor Decomposition. , 2019, , .		6
35	A Dynamic Shared Bikes Rebalancing Method Based on Demand Prediction. , 2019, , .		7
36	Mapping the bike sharing research published from 2010 to 2018: A scientometric review. Journal of Cleaner Production, 2019, 213, 415-427.	4.6	180

#	Article	IF	Citations
37	User satisfaction based model for resource allocation in bike-sharing systems. Transport Policy, 2019, 80, 117-126.	3.4	49
38	A continuous approximation model for the optimal design of public bike-sharing systems. Sustainable Cities and Society, 2020, 52, 101826.	5.1	44
39	Estimating the parking demand of free-floating bike sharing: A journey-data-based study of Nanjing, China. Journal of Cleaner Production, 2020, 244, 118764.	4.6	49
40	Optimal pricing strategy of a bike-sharing firm in the presence of customers with convenience perceptions. Journal of Cleaner Production, 2020, 253, 119905.	4.6	29
41	The allocation problem of electric car-sharing system: A data-driven approach. Transportation Research, Part D: Transport and Environment, 2020, 78, 102192.	3.2	39
42	A sustainability-oriented optimal allocation strategy of sharing bicycles: Evidence from ofo usage in Shanghai. Resources, Conservation and Recycling, 2020, 153, 104510.	5.3	22
43	The Biobjective Bike-Sharing Rebalancing Problem with Balance Intervals: A Multistart Multiobjective Particle Swarm Optimization Algorithm. Complexity, 2020, 2020, 1-19.	0.9	2
44	Static rebalancing optimization with considering the collection of malfunctioning bikes in free-floating bike sharing system. Transportation Research, Part E: Logistics and Transportation Review, 2020, 141, 102012.	3.7	51
45	Understanding bike-sharing usersâ€™ willingness to participate in repairing damaged bicycles: Evidence from China. Transportation Research, Part A: Policy and Practice, 2020, 141, 203-220.	2.0	8
46	Exploring travel patterns and trip purposes of dockless bike-sharing by analyzing massive bike-sharing data in Shanghai, China. Journal of Transport Geography, 2020, 87, 102787.	2.3	69
47	Does government supervision suppress free-floating bike sharing development? Evidence from Mobike in China. Information Technology for Development, 2021, 27, 802-826.	2.7	4
48	Low-Dimensional Model for Bike-Sharing Demand Forecasting that Explicitly Accounts for Weather Data. Transportation Research Record, 2020, 2674, 132-144.	1.0	18
49	Cluster Analysis of Public Bike Sharing Systems for Categorization. Sustainability, 2020, 12, 5501.	1.6	6
50	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
51	A Microscopic Spatial-Temporal Forecast Framework for Inflow and Outflow Gap of Free-Floating Bike Sharing System. , 2020, , .		0
52	Balancing of Bike-Sharing System via Constrained Model Predictive Control. Communications in Computer and Information Science, 2020, , 502-512.	0.4	0
53	Machine Learning Approach to Quantity Management for Long-Term Sustainable Development of Dockless Public Bike: Case of Shenzhen in China. Journal of Advanced Transportation, 2020, 2020, 1-13.	0.9	4
54	Dynamic Scheduling Model of Bike-Sharing considering Invalid Demand. Journal of Advanced Transportation, 2020, 2020, 1-10.	0.9	0

#	Article	IF	Citations
55	A new dynamic repositioning approach for bike sharing systems. Transportation Research Procedia, 2020, 47, 227-234.	0.8	5
56	Optimization Strategies for Dockless Bike Sharing Systems via two Algorithms of Closed Queuing Networks. Processes, 2020, 8, 345.	1.3	5
57	Rental Prediction in Bicycle-Sharing System Using Recurrent Neural Network. IEEE Access, 2020, , 1-1.	2.6	4
58	Sustainable co-governance of smart bike-sharing schemes based on consumersâ€™ perspective. Journal of Cleaner Production, 2020, 260, 120949.	4.6	11
59	A review of bicycle-sharing service planning problems. Transportation Research Part C: Emerging Technologies, 2020, 117, 102648.	3.9	82
60	An adaptive tabu search algorithm embedded with iterated local search and route elimination for the bike repositioning and recycling problem. Computers and Operations Research, 2020, 123, 105035.	2.4	21
61	Optimizing bike sharing systems from the life cycle greenhouse gas emissions perspective. Transportation Research Part C: Emerging Technologies, 2020, 117, 102705.	3.9	66
62	Spatiotemporal Characteristics of Bike-Sharing Usage around Rail Transit Stations: Evidence from Beijing, China. Sustainability, 2020, 12, 1299.	1.6	24
63	The rebalancing of bike-sharing system under flow-type task window. Transportation Research Part C: Emerging Technologies, 2020, 112, 1-27.	3.9	40
64	Relationship between eye-level greenness and cycling frequency around metro stations in Shenzhen, China: A big data approach. Sustainable Cities and Society, 2020, 59, 102201.	5.1	63
65	Demand prediction for a public bike sharing program based on spatio-temporal graph convolutional networks. Multimedia Tools and Applications, 2021, 80, 22907-22925.	2.6	45
66	Optimal investment and management of shared bikes in a competitive market. Transportation Research Part B: Methodological, 2020, 135, 143-155.	2.8	34
67	How Does Dockless Bike-Sharing System Behave by Incentivizing Users to Participate in Rebalancing?. IEEE Access, 2020, 8, 58889-58897.	2.6	24
68	Empirical Study on Bikesharing Brand Selection in China in the Post-Sharing Era. Sustainability, 2020, 12, 3125.	1.6	18
69	A graded cluster system to mine virtual stations in free-floating bike-sharing system on multi-scale geographic view. Journal of Cleaner Production, 2021, 281, 124692.	4.6	6
70	A data-driven dynamic repositioning model in bicycle-sharing systems. International Journal of Production Economics, 2021, 231, 107909.	5.1	14
71	A polynomial-time algorithm for user-based relocation in free-floating car sharing systems. Transportation Research Part B: Methodological, 2021, 143, 65-85.	2.8	26
72	Rebalancing stochastic demands for bike-sharing networks with multi-scenario characteristics. Information Sciences, 2021, 554, 177-197.	4.0	27

#	Article	IF	Citations
73	Innovative Approaches for Electric Vehicles Relocation in Sharing Systems. IEEE Transactions on Automation Science and Engineering, 2022, 19, 21-36.	3.4	14
74	Bike-Sharing System: Uncovering the â€œSuccess Factorsâ€• , 2021, , 355-362.		0
75	Developing Flexible Mobility On-Demand in the Era of Mobility as a Service: An Overview of the Italian Context Before and After Pandemic. Lecture Notes in Computer Science, 2021, , 323-338.	1.0	13
76	A Real-Time Bike Trip Planning Policy With Self-Organizing Bike Redistribution. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10646-10661.	4.7	1
77	Station Importance Evaluation in Dynamic Bike-Sharing Rebalancing Optimization Using an Entropy-Based TOPSIS Approach. IEEE Access, 2021, 9, 38119-38131.	2.6	9
78	Understanding Spatiotemporal Station and Trip Activity Patterns in the Lisbon Bike-Sharing System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 16-34.	0.2	0
79	Destination Prediction Based on Virtual POI Docks in Dockless Bike-Sharing System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2457-2470.	4.7	7
80	Dynamic Rebalancing Optimization for Bike-Sharing System Using Priority-Based MOEA/D Algorithm. IEEE Access, 2021, 9, 27067-27084.	2.6	10
81	Machine Learning Approaches to Bike-Sharing Systems: A Systematic Literature Review. ISPRS International Journal of Geo-Information, 2021, 10, 62.	1.4	26
82	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
83	How do bike-sharing platform companies overcome the operational challenge? A social exchange perspective. Production Planning and Control, 2022, 33, 1355-1371.	5.8	4
84	Stochastic bi-objective optimisation formulation for bike-sharing system fleet deployment. Proceedings of the Institution of Civil Engineers: Transport, 0, , 1-10.	0.3	3
85	Bikeâ€sharing systems with a dual selection mechanism and a dynamic doubleâ€threshold repositioning policy. IET Intelligent Transport Systems, 2021, 15, 712-725.	1.7	1
86	Intelligent management of bike sharing in smart cities using machine learning and Internet of Things. Sustainable Cities and Society, 2021, 67, 102702.	5.1	22
87	Free-floating bike-sharing green relocation problem considering greenhouse gas emissions. Transportation Safety and Environment, 0, , .	1.1	3
88	Comparing the performance of different types of bike share systems. Transportation Research, Part D: Transport and Environment, 2021, 94, 102823.	3.2	5
89	Improving bicycle sharing operations: A multi-criteria decision-making approach. Journal of Cleaner Production, 2021, 297, 126581.	4.6	10
90	Enhancing the Accuracy of Peak Hourly Demand in Bike-Sharing Systems using a Graph Convolutional Network with Public Transit Usage Data. Transportation Research Record, 2021, 2675, 554-565.	1.0	8

#	Article	IF	Citations
91	A hybrid fuzzy BWM-VIKOR MCDM to evaluate the service level of bike-sharing companies: A case study from Chengdu, China. Journal of Cleaner Production, 2021, 298, 126759.	4.6	32
92	Optimal rebalancing and on-board charging of shared electric scooters. Transportation Research Part B: Methodological, 2021, 147, 197-219.	2.8	19
93	Toward Sustainability: Bike-Sharing Systems Design, Simulation and Management. Sustainability, 2021, 13, 7519.	1.6	8
94	Efficiency Comparison of Public Bike-Sharing Repositioning Strategies Based on Predicted Demand Patterns. Transportation Research Record, 2021, 2675, 104-118.	1.0	4
95	Demand And/oR Equity (DARE) method for planning bike-sharing. Transportation Research, Part D: Transport and Environment, 2021, 97, 102914.	3.2	15
96	Optimization Algorithm Design for the Taxi-Sharing Problem and Application. Mathematical Problems in Engineering, 2021, 2021, 1-10.	0.6	2
97	Hybrid rebalancing with dynamic hubbing for free-floating bike sharing systems. International Journal of Transportation Science and Technology, 2022, 11, 636-652.	2.0	7
98	A two-stage incentive mechanism for rebalancing free-floating bike sharing systems: Considering user preference. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 82, 54-69.	1.8	13
99	An individual-based spatio-temporal travel demand mining method and its application in improving rebalancing for free-floating bike-sharing system. Advanced Engineering Informatics, 2021, 50, 101365.	4.0	4
100	The governance of dockless bike-sharing schemes: A systemic review of peer-reviewed academic journal papers between 2016 and 2019. Cleaner Engineering and Technology, 2021, 4, 100140.	2.1	4
101	The dynamic bike repositioning problem with battery electric vehicles and multiple charging technologies. Transportation Research Part C: Emerging Technologies, 2021, 131, 103327.	3.9	13
102	Relocating operational and damaged bikes in free-floating systems: A data-driven modeling framework for level of service enhancement. Transportation Research, Part A: Policy and Practice, 2021, 153, 235-260.	2.0	15
103	Should bike-sharing continue operating during the COVID-19 pandemic? Empirical findings from Nanjing, China. Journal of Transport and Health, 2021, 23, 101264.	1.1	32
104	Sharing Logistics Service Supply Chain with Revenue-Sharing vs. Cost-Sharing Contracts. Mathematical Problems in Engineering, 2021, 2021, 1-31.	0.6	4
105	Forecasting usage and bike distribution of dockless bikeâ€sharing using journey data. IET Intelligent Transport Systems, 2020, 14, 1647-1656.	1.7	16
106	A static relocation strategy for electric car-sharing systems in a vehicle-to-grid framework. Transportation Letters, 2021, 13, 219-228.	1.8	15
107	Data-Driven Competitor-Aware Positioning in On-Demand Vehicle Rental Networks. SSRN Electronic Journal, 0, , .	0.4	0
108	Dynamic Capacitated Arc Routing Problem in E-Bike Sharing System: A Monte Carlo Tree Search Approach. Journal of Advanced Transportation, 2021, 2021, 1-21.	0.9	1

#	Article	IF	Citations
109	A simulation framework for optimizing bike rebalancing and maintenance in large-scale bike-sharing systems. Simulation Modelling Practice and Theory, 2022, 115, 102422.	2.2	12
110	Investigating the impact of spatial-temporal grid size on the microscopic forecasting of the inflow and outflow gap in a free-floating bike-sharing system. Journal of Transport Geography, 2021, 96, 103208.	2.3	4
111	Water-energy nexus management strategy towards sustainable mobility goal in smart cities. Urban Water Journal, 2023, 20, 1406-1417.	1.0	2
112	Prediction System for the Management of Bicycle Sharing Systems. Advances in Intelligent Systems and Computing, 2019, , 405-410.	0.5	0
113	A Data-Driven Optimization Method for Reallocating the Free-Floating Bikes. Lecture Notes in Computer Science, 2019, , 3-13.	1.0	0
114	Layout Model of Bike-Sharing Facilities in the Transfer-Influenced Area of a Subway Station. Applied Sciences (Switzerland), 2021, 11, 10188.	1.3	1
115	Optimization of Free-Floating Bike Sharing Systems: Considerations in Recovery of Damaged Bicycles. , 2020, , .		0
116	The Bankability of Bike-Sharing. , 2020, , 955-973.		0
117	Deep Learning Based Prediction of Transfer Probability of Shared Bikes Data. , 0, , .		0
118	Strategic sourcing selection for bike-sharing rebalancing: An evolutionary game approach. Transportation Research, Part E: Logistics and Transportation Review, 2021, 156, 102522.	3.7	8
119	Data-Driven Competitor-Aware Positioning in On-Demand Vehicle Rental Networks. Transportation Science, 2022, 56, 182-200.	2.6	11
121	E-scooter sharing and bikesharing systems: An individual-level analysis of factors affecting first-use and use frequency. Transportation Research Part C: Emerging Technologies, 2022, 135, 103515.	3.9	25
122	Bike sharing rebalancing problem with variable demand. Physica A: Statistical Mechanics and Its Applications, 2022, 591, 126766.	1.2	7
123	The Reliability Model for Bike-Sharing Dispatch Based on Hotspot Detection and Hypothesis Test: A Case Study in Beijing. Discrete Dynamics in Nature and Society, 2022, 2022, 1-13.	0.5	2
124	Interblock Flow Prediction With Relation Graph Network for Cold Start on Bike-Sharing System. IEEE Internet of Things Journal, 2022, 9, 13390-13404.	5.5	1
125	External Environmental Analysis for Sustainable Bike-Sharing System Development. Energies, 2022, 15, 791.	1.6	22
126	An Innovative Methodology for Micro-Mobility Network Planning. Transportation Research Procedia, 2022, 60, 20-27.	0.8	15
127	Dynamic Rebalancing Strategy in Free-Float Bicycle Sharing Systems: Orbit Queues and Two-Sided Matching. Service Science, 0, , .	0.9	4

#	Article	IF	Citations
128	Exploiting floating car data to derive the shifting potential to electric micromobility. Transportation Research, Part A: Policy and Practice, 2022, 157, 78-93.	2.0	11
129	Dynamic incentive schemes for managing dockless bike-sharing systems. Transportation Research Part C: Emerging Technologies, 2022, 136, 103527.	3.9	8
130	Supply and Demand Analysis of a Free Floating Bike Sharing System. Communications - Scientific Letters of the University of Zilina, 2021, 24, A53-A65.	0.3	0
131	Quality of Service Measure for Bike Sharing Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15841-15849.	4.7	3
132	Dynamic Intra-Cell Repositioning in Free-Floating Bike-Sharing Systems Using Approximate Dynamic Programming. Transportation Science, 2022, 56, 799-826.	2.6	7
133	Large-Scale Dockless Bike Sharing Repositioning Considering Future Usage and Workload Balance. SSRN Electronic Journal, 0, , .	0.4	0
134	Intelligent Shared Mobility Systems: A Survey on Whole System Design Requirements, Challenges and Future Direction. IEEE Access, 2022, 10, 35302-35320.	2.6	6
135	Hybrid Heuristic for Multi-Depot Static Bike RebalancingÂAnd Collection Problem. SSRN Electronic Journal, 0, , .	0.4	2
136	A Two-Stage Location and Allocation Framework of Dockless Bike-Sharing System. IEEE Intelligent Transportation Systems Magazine, 2023, 15, 181-192.	2.6	2
137	Review of bike-sharing system studies using bibliometrics method. Journal of Traffic and Transportation Engineering (English Edition), 2022, 9, 608-630.	2.0	10
138	Exploring travel patterns and static rebalancing strategies for dockless bike-sharing systems from multi-source data: a framework and case study. Transportation Letters, 2023, 15, 336-349.	1.8	2
139	Predictive and prescriptive performance of bike-sharing demand forecasts for inventory management. Transportation Research Part C: Emerging Technologies, 2022, 138, 103571.	3.9	16
140	Free-floating bike-sharing systems: New repositioning rules, optimization models and solution algorithms. Information Sciences, 2022, 600, 239-262.	4.0	10
141	A Feasible Solution for Rebalancing Large-Scale Bike Sharing Systems. Sustainability, 2021, 13, 13433.	1.6	1
142	A Multi-Stage Optimisation Approach to Design Relocation Strategies in One-Way Car-Sharing Systems With Stackable Cars. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17048-17061.	4.7	6
143	Network Rebalance and Operational Efficiency of Sharing Transportation System: Multi-Objective Optimization and Model Predictive Control Approaches. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17119-17129.	4.7	4
144	Practical method to improve usage efficiency of bikeâ€sharing systems. ETRI Journal, 2022, 44, 244-259.	1.2	2
145	An Electric Fence-Based Intelligent Scheduling Method for Rebalancing Dockless Bike Sharing Systems. Applied Sciences (Switzerland), 2022, 12, 5031.	1.3	2

#	Article	IF	Citations
146	A GIS-MCDM Method for Ranking Potential Station Locations in the Expansion of Bike-Sharing Systems. Axioms, 2022, 11, 263.	0.9	1
147	Electric Fences for Dockless Bike-Sharing Systems: An Electric Fence-Planning Framework for a Dockless Bike-Sharing System Based on a Land Parcel Subdivision and Regional Coverage Maximization. IEEE Intelligent Transportation Systems Magazine, 2023, 15, 58-69.	2.6	1
148	Who will pay for the â€œbicycle cemeteryâ€? Evolutionary game analysis of recycling abandoned shared bicycles under dynamic reward and punishment. European Journal of Operational Research, 2023, 305, 917-929.	3.5	22
149	E-bike use in urban commuting: empirical evidence from the home-work plan. Archives of Transport, 2022, 62, 91-104.	0.4	1
150	Complaints Analysis as an Opportunity to Counteract Social Transport Exclusion in Shared Mobility Systems. Smart Cities, 2022, 5, 875-888.	5.5	6
151	A matrix factorization model with local and global consistency for flow prediction in bike-sharing systems. International Journal of Geographical Information Science, 0, , 1-20.	2.2	1
152	Dynamic bicycle relocation problem with broken bicycles. Transportation Research, Part E: Logistics and Transportation Review, 2022, 165, 102877.	3.7	9
153	Pricing and resource allocation under competition in a docked bike-sharing market. Transportation Research Part C: Emerging Technologies, 2022, 143, 103833.	3.9	8
154	Large-scale dockless bike sharing repositioning considering future usage and workload balance. Physica A: Statistical Mechanics and Its Applications, 2022, 605, 127991.	1.2	0
155	Dynamic Spatio-Temporal Interactive Clustering Strategy for Free-Floating Bike-Sharing. SSRN Electronic Journal, 0, , .	0.4	0
156	Operation Characteristics of a Free-Floating Bike Sharing System as a Feeder Mode to Rail Transit Based on GPS Data. Applied Sciences (Switzerland), 2022, 12, 8677.	1.3	1
157	Branch-and-Price-and-Cut for the Heterogeneous Fleet and Multi-Depot Static Bike Rebalancing Problem with Split Load. Sustainability, 2022, 14, 10861.	1.6	1
158	Solving the bike-sharing repositioning problem considering coordination stations based on self-balancing and clustering strategies. Transportation Letters, 0, , 1-18.	1.8	0
159	Dynamic Rebalancing of the Free-Floating Bike-Sharing System. Sustainability, 2022, 14, 13521.	1.6	2
160	Dynamic Repositioning in Dock-less Bike-sharing System: A Multi-agent Reinforcement Learning Approach. , 2022, , .		1
161	Examining the varying influences of built environment on bike-sharing commuting: Empirical evidence from Shanghai. Transport Policy, 2022, 129, 51-65.	3.4	6
162	A target-based optimization model for bike-sharing systems: From the perspective of service efficiency and equity. Transportation Research Part B: Methodological, 2023, 167, 235-260.	2.8	10
163	Bicycle sharing station planning: From free-floating to geo-fencing. Transportation Research Part C: Emerging Technologies, 2023, 147, 103990.	3.9	3

#	Article	IF	Citations
164	Probabilistic Forecasting for Demand of a Bike-Sharing Service Using a Deep-Learning Approach. Sustainability, 2022, 14, 15889.	1.6	3
165	Hybrid Heuristic for the Multi-Depot Static Bike Rebalancing and Collection Problem. Mathematics, 2022, 10, 4583.	1.1	1
166	Region-based demand forecasting in bike-sharing systems using a multiple spatiotemporal fusion neural network. Soft Computing, 0, , .	2.1	0
167	Dockless bike-sharing systems with unusable bikes: removing, repair and redistribution under batch policies. Annals of Operations Research, 0, , .	2.6	0
168	Geospatial Network Analysis and Origin-Destination Clustering of Bike-Sharing Activities during the COVID-19 Pandemic. ISPRS International Journal of Geo-Information, 2023, 12, 23.	1.4	0
169	Using Geopandas for locating virtual stations in a free-floating bike sharing system. Heliyon, 2023, 9, e12749.	1.4	2
170	Bicycle-sharing in Beijing: An Assessment of Economic, Environmental, and Health Effects, and Identification of Key Drivers of Environmental Performance. Networks and Spatial Economics, 0, , .	0.7	0
171	Benchmarking bike-sharing systems: an analysis of the sustainable potential of use-oriented solutions. Benchmarking, 2024, 31, 121-139.	2.9	0
172	Forecasting Bike Sharing Demand Using Quantum Bayesian Network. Expert Systems With Applications, 2023, 221, 119749.	4.4	7
173	A static green bike repositioning problem with heavy and light carriers. Transportation Research, Part D: Transport and Environment, 2023, 118, 103711.	3.2	1
174	Hierarchical Vehicle Scheduling Research on Tide Bicycle-Sharing Traffic of Autonomous Transportation Systems. Journal of Advanced Transportation, 2023, 2023, 1-9.	0.9	1
175	Optimal Rebalancing Strategy for Shared e-Scooter Using Genetic Algorithm. Journal of Advanced Transportation, 2023, 2023, 1-13.	0.9	2
188	Long-term & short-term bike sharing demand predictions using contextual data. , 2023, , .		0