List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modeling assignment of quay cranes using queueing theory for minimizing CO 2 emission at a container terminal. Transportation Research, Part D: Transport and Environment, 2018, 61, 140-151.	6.8	62
2	The environmental costs and economic implications of container shipping on the Northern Sea Route. Maritime Policy and Management, 2018, 45, 456-477.	3.8	56
3	A Whole-Link Travel-Time Model with Desirable Properties. Transportation Science, 2003, 37, 83-96.	4.4	53
4	CO2 emission evaluation of yard tractors during loading at container terminals. Transportation Research, Part D: Transport and Environment, 2017, 53, 17-36.	6.8	52
5	Modeling variable demand equilibrium under second-best road pricing. Transportation Research Part B: Methodological, 2004, 38, 733-749.	5.9	42
6	Modeling collusion-proof port emission regulation of cargo-handling activities under incomplete information. Transportation Research Part B: Methodological, 2017, 104, 543-567.	5.9	37
7	Comparison of Methods for Path Flow Reassignment for Dynamic User Equilibrium. Networks and Spatial Economics, 2012, 12, 337-376.	1.6	33
8	Vertical integration and its implications to port expansion. Maritime Policy and Management, 2019, 46, 920-938.	3.8	33
9	Real-time route diversion control in a model predictive control framework with multiple objectives: Traffic efficiency, emission reduction and fuel economy. Transportation Research, Part D: Transport and Environment, 2016, 48, 332-356.	6.8	30
10	Impacts of traffic heterogeneity on roadside air pollution concentration. Transportation Research, Part D: Transport and Environment, 2006, 11, 166-170.	6.8	29
11	Comparing whole-link travel time models. Transportation Research Part B: Methodological, 2003, 37, 905-926.	5.9	28
12	Cost-Effective and Ecofriendly Plug-In Hybrid Electric Vehicle Charging Management. Transportation Research Record, 2017, 2628, 87-98.	1.9	24
13	An alternative definition of dynamic user optimum on signalised road networks. Journal of Advanced Transportation, 2012, 46, 236-253.	1.7	23
14	Network Reserve Capacity under Influence of Traveler Information. Journal of Transportation Engineering, 2003, 129, 262-270.	0.9	22
15	Convergence of a Discretised Travel-Time Model. Transportation Science, 2005, 39, 25-38.	4.4	22
16	A novel hybrid approach to Baltic Dry Index forecasting based on a combined dynamic fluctuation network and artificial intelligence method. Applied Mathematics and Computation, 2019, 361, 499-516.	2.2	20
17	Optimal public-transport operational strategies to reduce cost and vehicle's emission. PLoS ONE, 2018, 13, e0201138.	2.5	19
18	Adaptation strategies for port infrastructure and facilities under climate change at the Kaohsiung port. Transport Policy, 2020, 97, 232-244.	6.6	19

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19	Interactions between Arctic passenger ship activities and emissions. Transportation Research, Part D: Transport and Environment, 2021, 97, 102925.	6.8	18
20	Optimal toll of new highway in the equilibrium framework of heterogeneous households' residential location choice. Transportation Research, Part A: Policy and Practice, 2017, 105, 123-137.	4.2	15
21	Effects of COVID-19 on passenger shipping activities and emissions: empirical analysis of passenger ships in Danish waters. Maritime Policy and Management, 2023, 50, 776-796.	3.8	15
22	Improving estimates of transportation emissions: Modeling hourly truck traffic using period-based car volume data. Transportation Research, Part D: Transport and Environment, 2014, 26, 32-41.	6.8	14
23	Vehicle Scheduling of Single-Line Bus Service Using Operational Strategies. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1149-1159.	8.0	14
24	Optimal urban expressway system in a transportation and land use interaction equilibrium framework. Transportmetrica A: Transport Science, 2019, 15, 1247-1277.	2.0	14
25	Signal optimization for an isolated intersection with illegal permissive left-turning movement. Transportmetrica B, 2019, 7, 928-949.	2.3	14
26	SOLVING TRAFFIC CONGESTION FROM THE DEMAND SIDE. Promet - Traffic - Traffico, 2015, 27, 529-538.	0.7	13
27	Integrated Optimization of Bus Line Fare and Operational Strategies Using Elastic Demand. Journal of Advanced Transportation, 2017, 2017, 1-15.	1.7	13
28	The climate change strategies of seaports: Mitigation vs. adaptation. Transportation Research, Part D: Transport and Environment, 2020, 89, 102603.	6.8	13
29	Investigating the determinants of shipowners' emission abatement solutions for newbuilding vessels. Transportation Research, Part D: Transport and Environment, 2021, 99, 102989.	6.8	13
30	A NEW CAR-FOLLOWING MODEL CONSIDERING ACCELERATION OF LEAD VEHICLE. Transport, 2014, 31, 1-10.	1.2	12
31	Evaluation of the Load Dissipation Behavior of Concrete Block Pavements with Various Block Shapes and Construction Patterns. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	12
32	Efficient Discretisation for Link Travel Time Models. Networks and Spatial Economics, 2004, 4, 269-290.	1.6	11
33	Alternative Conditions for a Well-Behaved Travel Time Model. Transportation Science, 2005, 39, 417-428.	4.4	11
34	Incorporating container location dispersion into evaluating GCR performance at a transhipment terminal. Maritime Policy and Management, 2018, 45, 770-786.	3.8	11
35	Demand information sharing in port concession arrangements. Transportation Research Part B: Methodological, 2020, 138, 118-143.	5.9	11
36	Implications of Arctic shipping emissions for marine environment. Maritime Policy and Management, 0, , 1-26.	3.8	10

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37	Retaining desirable properties in discretising a travel-time model. Transportation Research Part B: Methodological, 2007, 41, 540-553.	5.9	9
38	A Comparison of Dynamic User Optimal States with Zero, Fixed and Variable Tolerances. Networks and Spatial Economics, 2015, 15, 583-598.	1.6	9
39	Optimizing signal phase plan, green splits and lane length for isolated signalized intersections. Transport, 2018, 33, 520-535.	1.2	9
40	Vertical integration and capacity investment in a two-port system. Transportmetrica A: Transport Science, 2021, 17, 1431-1459.	2.0	9
41	Measuring risk spillover effects on dry bulk shipping market: a value-at-risk approach. Maritime Policy and Management, 2022, 49, 558-576.	3.8	9
42	Determining Optimal Strategies for Single-Line Bus Operation by Means of Smartphone Demand Data. Transportation Research Record, 2016, 2539, 130-139.	1.9	8
43	COULD GREEN TAXATION MEASURES HELP INCENTIVISE FUTURE CHINESE CAR DRIVERS TO PURCHASE LOW EMISSION VEHICLES?. Transport, 2014, 29, 260-268.	1.2	7
44	Modeling traffic operation at signalized intersections without explicit leftâ€ŧurn yielding rules with an enhanced cell transmission model. Journal of Advanced Transportation, 2016, 50, 1470-1488.	1.7	7
45	Capturing effects of container location dispersion on quay crane performance. Proceedings of the Institution of Civil Engineers: Maritime Engineering, 2018, 171, 25-39.	0.2	7
46	Voluntary carbon offset and airline alliance. Transportation Research Part B: Methodological, 2019, 123, 110-126.	5.9	7
47	Optimal Operational Strategies for Multiple Bus Lines Considering Passengers' Preferences. Transportation Research Record, 2020, 2674, 572-586.	1.9	7
48	Investigating boundary effects of congestion charging in a single bottleneck scenario. Transport, 2018, 33, 77-91.	1.2	6
49	Intersection Dilemma-Zone Protection as a Dynamic Signal-Optimization Problem with Model Predictive Control. Journal of Transportation Engineering Part A: Systems, 2019, 145, .	1.4	6
50	Optimal operational strategies for single bus lines using network-based method. International Journal of Sustainable Transportation, 2021, 15, 325-337.	4.1	6
51	Commentary on "A new generalized improved score function of interval-valued intuitionistic fuzzy sets and applications in expert systems―[Appl. Soft Comput., 2016(38) 988–999]. Applied Soft Computing Journal, 2017, 52, 48-52.	7.2	5
52	Designing a safe and fair network for hazmat road transportation. Journal of Transportation Safety and Security, 2020, 12, 482-500.	1.6	5
53	Traffic impact analysis of inspection area site selection at a foreign trade container terminal. Maritime Policy and Management, 2020, 47, 73-91.	3.8	5
54	The first 25Âyears of Transportation Research Part D: Transport and Environment. Transportation Research, Part D: Transport and Environment, 2021, 100, 103078.	6.8	5

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55	Game model for a new inspection regime of port state control under different reward and punishment conditions. Transportation Research, Part E: Logistics and Transportation Review, 2021, 156, 102526.	7.4	5
56	Measuring volatility spillover effects in dry bulk shipping market. Transport Policy, 2022, 125, 37-47.	6.6	5
57	Exploring the Nonlinear Effects of Built Environment on Bus-Transfer Ridership: Take Shanghai as an Example. Applied Sciences (Switzerland), 2022, 12, 5755.	2.5	5
58	An alternating direction method for solving a class of inverse semi-definite quadratic programming problems. Journal of Industrial and Management Optimization, 2015, 12, 317-336.	1.3	4
59	TRAVEL DEMAND MANAGEMENT: SHORT REVIEW OF THE SPECIAL ISSUE. Transport, 2014, 29, 233-234.	1.2	3
60	Investigating freeway traffic hypercongestion between an on-ramp and its immediate upstream off-ramp. Transportmetrica A: Transport Science, 2015, 11, 187-209.	2.0	3
61	Real-time routing control design for traffic networks with multi-route choices. Journal of Central South University, 2016, 23, 1807-1816.	3.0	3
62	Exploring Auto-Generation of Network Models With Performance Evaluation Process Algebra. IEEE Access, 2018, 6, 42971-42983.	4.2	3
63	Optimizing a desirable fare structure for a bus-subway corridor. PLoS ONE, 2017, 12, e0184815.	2.5	3
64	Minimizing Investment Risk of Integrated Rail and Transit-Oriented-Development Projects over Years in a Linear Monocentric City. Discrete Dynamics in Nature and Society, 2016, 2016, 1-8.	0.9	2
65	OPTIMIZING LIMITED-STOP BUS SERVICES ALONG A PUBLIC TRANSIT CORRIDOR WITH A DIFFERENTIAL FARE STRUCTURE. Transport, 2019, 34, 476-489.	1.2	2
66	Dynamic recovery actions in multi-objective liner shipping service with buffer times. Proceedings of the Institution of Civil Engineers: Maritime Engineering, 2022, 175, 46-62.	0.2	2
67	Link Outflow Rate Computing under Continuous Dynamic Loads. , 2002, , 770.		1
68	Uncertain Factors and their Effects that Need Considering in Fire Engine Routing: A Short Review. Advanced Materials Research, 0, 790, 454-457.	0.3	1
69	Dynamic traffic modelling for travel demand management. Transportmetrica B, 2016, 4, 87-91.	2.3	1
70	A multiobjective programming model for comparing existing and potential corridors between the Indian Ocean and China. , 2020, , 289-309.		1
71	Emerging technologies for sustainable transportation system. International Journal of Sustainable Transportation, 2021, 15, 323-324.	4.1	1
72	OPTIMIZING FARES AND TRANSFER DISCOUNTS FOR A BUS-SUBWAY CORRIDOR. Transport, 2019, 34, 672-683.	1.2	1

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73	A Short Review on Fire Station Locations. , 2016, , .		0
74	Optimizing fare and operational strategies for an urban bus corridor using elastic demand. , 2017, , .		0
75	Special issue on â€~WTC 2018 Beijing: recent advances in maritime operations and management'. Maritime Policy and Management, 2019, 46, 901-904.	3.8	0
76	Empirical analysis of brain drain of Chinese seafarers: Reasons and countermeasures. Maritime Transport Research, 2021, 2, 100035.	3.2	0