Hai-Jun Huang

List of Publications by Year
in descending order

251	7,588	53660 45	71532 76
papers	citations	h-index	g-index

252	252	252	2982
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The multi-class, multi-criteria traffic network equilibrium and systems optimum problem. Transportation Research Part B: Methodological, 2004, 38, 1-15.	2.8	364
2	Static floor field and exit choice for pedestrian evacuation in rooms with internal obstacles and multiple exits. Physical Review E, 2008, 78, 021131.	0.8	241
3	Route choice in pedestrian evacuation under conditions of good and zero visibility: Experimental and simulation results. Transportation Research Part B: Methodological, 2012, 46, 669-686.	2.8	239
4	Modeling and solving the dynamic user equilibrium route and departure time choice problem in network with queues. Transportation Research Part B: Methodological, 2002, 36, 253-273.	2.8	225
5	Influences of the driverâ€™s bounded rationality on micro driving behavior, fuel consumption and emissions. Transportation Research, Part D: Transport and Environment, 2015, 41, 423-432.	3.2	190
6	An extended macro traffic flow model accounting for the driverâ€™s bounded rationality and numerical tests. Physica A: Statistical Mechanics and Its Applications, 2017, 468, 322-333.	1.2	148
7	Improving travel efficiency by parking permits distribution and trading. Transportation Research Part B: Methodological, 2011, 45, 1018-1034.	2.8	137
8	Integrated daily commuting patterns and optimal road tolls and parking fees in a linear city. Transportation Research Part B: Methodological, 2008, 42, 38-56.	2.8	135
9	Modeling time-dependent travel choice problems in road networks with multiple user classes and multiple parking facilities. Transportation Research Part B: Methodological, 2006, 40, 368-395.	2.8	129
10	Tradable credit schemes for managing bottleneck congestion and modal split with heterogeneous users. Transportation Research, Part E: Logistics and Transportation Review, 2013, 54, 1-13.	3.7	121
11	A combined trip distribution and assignment model for multiple user classes. Transportation Research Part B: Methodological, 1992, 26, 275-287.	2.8	119
12	Fares and tolls in a competitive system with transit and highway: the case with two groups of commuters. Transportation Research, Part E: Logistics and Transportation Review, 2000, 36, 267-284.	3.7	117
13	A multiclass, multicriteria logit-based traffic equilibrium assignment model under ATIS. European Journal of Operational Research, 2007, 176, 1464-1477.	3.5	113
14	Continuum modeling of park-and-ride services in a linear monocentric city with deterministic mode choice. Transportation Research Part B: Methodological, 2009, 43, 692-707.	2.8	107
15	URBAN TRANSIT SYSTEM AS A SCALE-FREE NETWORK. Modern Physics Letters B, 2004, 18, 1043-1049.	1.0	102
16	Equilibrium properties of the morning peak-period commuting in a many-to-one mass transit system. Transportation Research Part B: Methodological, 2007, 41, 616-631.	2.8	102
17	Pricing and logit-based mode choice models of a transit and highway system with elastic demand. European Journal of Operational Research, 2002, 140, 562-570.	3.5	100
18	A new fundamental diagram theory with the individual difference of the driverâ€™s perception ability. Nonlinear Dynamics, 2012, 67, 2255-2265.	2.7	100

#	Article	IF	Citations
19	Stability of the car-following model on two lanes. Physical Review E, 2005, 72, 066124.	0.8	99
20	Collection, spillback, and dissipation in pedestrian evacuation: A network-based method. Transportation Research Part B: Methodological, 2011, 45, 490-506.	2.8	93
21	Scale-free resilience of real traffic jams. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8673-8678.	3.3	92
22	Fifty years of the bottleneck model: A bibliometric review and future research directions. Transportation Research Part B: Methodological, 2020, 139, 311-342.	2.8	91
23	An aircraft boarding model accounting for passengersâ€™ individual properties. Transportation Research Part C: Emerging Technologies, 2012, 22, 1-16.	3.9	84
24	Congestion Behavior and Tolls in a Bottleneck Model with Stochastic Capacity. Transportation Science, 2015, 49, 46-65.	2.6	83
25	A modified floor field cellular automata model for pedestrian evacuation simulation. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 385104.	0.7	79
26	Principle of marginal-cost pricing: how does it work in a general road network?. Transportation Research, Part A: Policy and Practice, 1998, 32, 45-54.	2.0	76
27	Incorporating free-floating car-sharing into an activity-based dynamic user equilibrium model: A demand-side model. Transportation Research Part B: Methodological, 2018, 107, 102-123.	2.8	76
28	On the morning commute problem with carpooling behavior under parking space constraint. Transportation Research Part B: Methodological, 2016, 91, 383-407.	2.8	75
29	Modeling pedestrian flow accounting for collision avoidance during evacuation. Simulation Modelling Practice and Theory, 2018, 82, 1-11.	2.2	74
30	Link-based day-to-day network traffic dynamics and equilibria. Transportation Research Part B: Methodological, 2015, 71, 248-260.	2.8	72
31	A microscopic pedestrian-simulation model and its application to intersecting flows. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 515-526.	1.2	68
32	A cumulative prospect theory approach to commutersâ€™ day-to-day route-choice modeling with friendsâ€™ travel information. Transportation Research Part C: Emerging Technologies, 2018, 86, 527-548.	3.9	68
33	A macro model for traffic flow on road networks with varying road conditions. Journal of Advanced Transportation, 2014, 48, 304-317.	0.9	66
34	The models and economics of carpools. Annals of Regional Science, 2000, 34, 55-68.	1.0	63
35	Modeling Park-and-Ride Services in a Multimodal Transport Network with Elastic Demand. Transportation Research Record, 2007, 1994, 101-109.	1.0	61
36	A discrete rational adjustment process of link flows in traffic networks. Transportation Research Part C: Emerging Technologies, 2013, 34, 121-137.	3.9	60

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37	A new pedestrian-following model for aircraft boarding andÂnumerical tests. Nonlinear Dynamics, 2012, 67, 437-443.	2.7	56
38	Pricing and mode choice based on nested logit model with trip-chain costs. Transport Policy, 2015, 44, 76-88.	3.4	56
39	Dynamic user optimal traffic assignment model for many to one travel demand. Transportation Research Part B: Methodological, 1995, 29, 243-259.	2.8	54
40	A bi-objective turning restriction design problem in urban road networks. European Journal of Operational Research, 2014, 237, 426-439.	3.5	52
41	A car-following model with the anticipation effect of potential lane changing. Acta Mechanica Sinica/Lixue Xuebao, 2008, 24, 399-407.	1.5	51
42	Macroscopic modeling of laneâ€changing for twoâ€lane traffic flow. Journal of Advanced Transportation, 2009, 43, 245-273.	0.9	49
43	Transportation issues in developing China's urban agglomerations. Transport Policy, 2020, 85, A1-A22.	3.4	49
44	Route choice in pedestrian evacuation: formulated using a potential field. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P04018.	0.9	47
45	Day-to-Day Flow Dynamics and Congestion Control. Transportation Science, 2016, 50, 982-997.	2.6	47
46	Lane changing analysis for two-lane traffic flow. Acta Mechanica Sinica/Lixue Xuebao, 2007, 23, 49-54.	1.5	46
47	A Stochastic LWR Model with Consideration of the Driver's Individual Property. Communications in Theoretical Physics, 2012, 58, 583-589.	1.1	46
48	Simulating the Dynamic Escape Process in Large Public Places. Operations Research, 2014, 62, 1344-1357.	1.2	46
49	Child behavior during evacuation under non-emergency situations: Experimental and simulation results. Simulation Modelling Practice and Theory, 2019, 90, 31-44.	2.2	46
50	A Model for Evaluation of Transport Policies in Multimodal Networks with Road and Parking Capacity Constraints. Mathematical Modelling and Algorithms, 2007, 6, 239-257.	0.5	45
51	Modeling the evolutions of dayâ€toâ€day route choice and yearâ€toâ€year ATIS adoption with stochastic user equilibrium. Journal of Advanced Transportation, 2008, 42, 111-127.	0.9	45
52	Elementary studentsâ€™ evacuation route choice in a classroom: A questionnaire-based method. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 1066-1074.	1.2	45
53	Dynamic pricing for reservation-based parking system: A revenue management method. Transport Policy, 2018, 71, 36-44.	3.4	45
54	The morning commute problem with endogenous shared autonomous vehicle penetration and parking space constraint. Transportation Research Part B: Methodological, 2019, 123, 258-278.	2.8	45

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55	Multiclass multicriteria mixed equilibrium on networks and uniform link tolls for system optimum. European Journal of Operational Research, 2008, 189, 146-158.	3.5	44
56	An Intersection-Movement-Based Dynamic User Optimal Route Choice Problem. Operations Research, 2013, 61, 1134-1147.	1.2	44
57	Competitive, cooperative and Stackelberg congestion pricing for multiple regions in transportation networks. Transportmetrica, 2011, 7, 297-320.	1.8	42
58	THE EFFECTS OF BUS STOP ON TRAFFIC FLOW. International Journal of Modern Physics C, 2009, 20, 941-952.	0.8	41
59	A New Car-Following Model with Consideration of Driving Resistance. Chinese Physics Letters, 2011, 28, 038902.	1.3	41
60	Simulation of exit choosing in pedestrian evacuation with consideration of the direction visual field. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 991-1000.	1.2	41
61	An Extended Optimal Velocity Model with Consideration of Honk Effect. Communications in Theoretical Physics, 2010, 54, 1151-1155.	1.1	40
62	Analysis of the equilibrium trip cost accounting for the fuel cost in a single-lane traffic system without late arrival. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 451-457.	1.2	40
63	An aircraft boarding model with the group behavior and the quantity of luggage. Transportation Research Part C: Emerging Technologies, 2018, 93, 115-127.	3.9	40
64	Integrated scheduling of daily work activities and morningâ€“evening commutes with bottleneck congestion. Transportation Research, Part A: Policy and Practice, 2005, 39, 41-60.	2.0	39
65	A potential field approach to the modeling of route choice in pedestrian evacuation. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P02010.	0.9	39
66	A combined activity/travel choice model for congested road networks with queues. Transportation, 2002, 29, 5-29.	2.1	38
67	Empirical Study of Parking Problem on University Campus. Journal of Transportation System Engineering and Information Technology, 2007, 7, 135-140.	0.6	38
68	A DYNAMIC MODEL FOR THE HETEROGENEOUS TRAFFIC FLOW CONSISTING OF CAR, BICYCLE AND PEDESTRIAN. International Journal of Modern Physics C, 2010, 21, 159-176.	0.8	37
69	Experiment of boundedly rational route choice behavior and the model under satisficing rule. Transportation Research Part C: Emerging Technologies, 2016, 68, 22-37.	3.9	36
70	Modal split and commuting pattern on a bottleneck-constrained highway. Transportation Research, Part E: Logistics and Transportation Review, 2007, 43, 578-590.	3.7	35
71	A Cumulative Perceived Value-Based Dynamic User Equilibrium Model Considering the Travelersâ€™ Risk Evaluation on Arrival Time. Networks and Spatial Economics, 2012, 12, 589-608.	0.7	35
72	Stochastic bottleneck capacity, merging traffic and morning commute. Transportation Research, Part E: Logistics and Transportation Review, 2014, 64, 48-70.	3.7	35

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73	Are We Really Solving the Dynamic Traffic Equilibrium Problem with a Departure Time Choice?. Transportation Science, 2018, 52, 603-620.	2.6	35
74	Dynamic activity-travel assignment in multi-state supernetworks. Transportation Research Part B: Methodological, 2015, 81, 656-671.	2.8	33
75	Combined Activity/Travel Choice Models: Time-Dependent and Dynamic Versions. Networks and Spatial Economics, 2003, 3, 323-347.	0.7	32
76	Modelling heterogeneous driversâ€™ responses to route guidance and parking information systems in stochastic and time-dependent networks. Transportmetrica, 2012, 8, 105-129.	1.8	32
77	A Combined Algorithm for Solving and Calibrating the Stochastic Traffic Assignment Model. Journal of the Operational Research Society, 1995, 46, 977-987.	2.1	31
78	A regret theory-based route choice model. Transportmetrica A: Transport Science, 2017, 13, 250-272.	1.3	31
79	An intersection-movement-based stochastic dynamic user optimal route choice model for assessing network performance. Transportation Research Part B: Methodological, 2015, 74, 182-217.	2.8	29
80	Calibration of the combined trip distribution and assignment model for multiple user classes. Transportation Research Part B: Methodological, 1992, 26, 289-305.	2.8	28
81	A study on logit assignment which excludes all cyclic flows. Transportation Research Part B: Methodological, 1998, 32, 401-412.	2.8	28
82	Formulation of pedestrian movement in microscopic models with continuous space representation. Transportation Research Part C: Emerging Technologies, 2012, 24, 50-61.	3.9	28
83	An ordinary differential equation formulation of the bottleneck model with user heterogeneity. Transportation Research Part B: Methodological, 2015, 81, 34-58.	2.8	28
84	Bus timetabling considering passenger satisfaction: An empirical study in Beijing. Computers and Industrial Engineering, 2019, 135, 1155-1166.	3.4	28
85	Dynamic ridesharing with variable-ratio charging-compensation scheme for morning commute. Transportation Research Part B: Methodological, 2019, 122, 390-415.	2.8	28
86	Modeling user adoption of advanced traveler information systems: a control theoretic approach for optimal endogenous growth. Transportation Research Part C: Emerging Technologies, 2004, 12, 193-207.	3.9	27
87	A Multilane Traffic Flow Model Accounting for Lane Width, Lane-Changing and the Number of Lanes. Networks and Spatial Economics, 2014, 14, 465-483.	0.7	27
88	An extended mobile lattice gas model allowing pedestrian step size variable. Physica A: Statistical Mechanics and Its Applications, 2015, 424, 283-293.	1.2	27
89	Analysis of the equilibrium trip cost without late arrival and the corresponding traffic properties using a car-following model. Physica A: Statistical Mechanics and Its Applications, 2016, 460, 348-360.	1.2	27
90	Private road competition and equilibrium with traffic equilibrium constraints. Journal of Advanced Transportation, 2009, 43, 21-45.	0.9	26

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91	A Macro Model for Traffic Flow with Consideration of Static Bottleneck. Communications in Theoretical Physics, 2012, 58, 300-306.	1.1	26
92	The nonlinear equation system approach to solving dynamic user optimal simultaneous route and departure time choice problems. Transportation Research Part B: Methodological, 2016, 83, 179-206.	2.8	26
93	Reliability Evaluation for Stochastic and Time-dependent Networks with Multiple Parking Facilities. Networks and Spatial Economics, 2008, 8, 355-381.	0.7	25
94	Analyzing trip cost with no late arrival under car-following model. Measurement: Journal of the International Measurement Confederation, 2015, 64, 123-129.	2.5	24
95	An aircraft boarding model accounting for group behavior. Journal of Air Transport Management, 2018, 69, 182-189.	2.4	23
96	Tradable OD-based travel permits for bi-modal traffic management with heterogeneous users. Transportation Research, Part E: Logistics and Transportation Review, 2018, 118, 589-605.	3.7	23
97	A nonlinear equation system approach to the dynamic stochastic user equilibrium simultaneous route and departure time choice problem. Transportmetrica A: Transport Science, 2015, 11, 388-419.	1.3	22
98	Impacts of wireless charging lanes on travel time and energy consumption in a two-lane road system. Physica A: Statistical Mechanics and Its Applications, 2018, 500, 1-10.	1.2	22
99	Tradable Credit Scheme for Control of Evolutionary Traffic Flows to System Optimum: Model and its Convergence. Networks and Spatial Economics, 2019, 19, 833-868.	0.7	22
100	Modified Evans' algorithms for solving the combined trip distribution and assignment problem. Transportation Research Part B: Methodological, 1992, 26, 325-337.	2.8	21
101	Efficiency and equity of ramp control and capacity allocation mechanisms in a freeway corridor. Transportation Research Part C: Emerging Technologies, 2012, 20, 126-143.	3.9	21
102	A discrete dynamical system of formulating traffic assignment: Revisiting Smithâ€™s model. Transportation Research Part C: Emerging Technologies, 2016, 71, 122-142.	3.9	21
103	Continuum modeling for two-lane traffic flow. Acta Mechanica Sinica/Lixue Xuebao, 2006, 22, 131-137.	1.5	20
104	Tradable permit schemes for managing morning commute with carpool under parking space constraint. Transportation, 2021, 48, 1563-1586.	2.1	20
105	A Stochastic Model for Combined Activity/Destination/Route Choice Problems. Annals of Operations Research, 2005, 135, 111-125.	2.6	19
106	Inefficiency of Logit-Based Stochastic User Equilibrium in a Traffic Network Under ATIS. Networks and Spatial Economics, 2011, 11, 255-269.	0.7	19
107	Dynamic activity-travel assignment in multi-state supernetworks under transport and location capacity constraints. Transportmetrica A: Transport Science, 2016, 12, 572-590.	1.3	19
108	An electric vehicle driving behavior model in the traffic system with a wireless charging lane. Physica A: Statistical Mechanics and Its Applications, 2017, 481, 119-126.	1.2	19

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109	Morning commute in a single-entry traffic corridor with early and late arrivals. Transportation Research Part B: Methodological, 2017, 97, 23-49.	2.8	19
110	Analysis of trip cost allowing late arrival in a traffic corridor with one entry and one exit under car-following model. Physica A: Statistical Mechanics and Its Applications, 2019, 521, 387-398.	1.2	19
111	A restricted path-based ridesharing user equilibrium. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2020, 24, 383-403.	2.6	19
112	Modified Static Floor Field and Exit Choice for Pedestrian Evacuation. Chinese Physics Letters, 2012, 29, 080502.	1.3	18
113	Day-to-day departure time choice under bounded rationality in the bottleneck model. Transportation Research Part B: Methodological, 2018, 117, 832-849.	2.8	18
114	Scaling laws of the network traffic flow. Physica A: Statistical Mechanics and Its Applications, 2007, 380, 577-584.	1.2	17
115	Impacts of variable message signs on traffic congestion. Science in China Series D: Earth Sciences, 2009, 52, 477-483.	0.9	17
116	Efficiency decomposition with shared inputs and outputs in two-stage DEA. Journal of Systems Science and Systems Engineering, 2016, 25, 23-38.	0.8	17
117	Travel preferences of multimodal transport systems in emerging markets: The case of Beijing. Transportation Research, Part A: Policy and Practice, 2020, 138, 250-266.	2.0	17
118	A Multi-Class Dynamic User Equilibrium Model for Queuing Networks with Advanced Traveler Information Systems. Mathematical Modelling and Algorithms, 2003, 2, 349-377.	0.5	16
119	Mixed Travel Behavior in Networks with ATIS and Upper Bound of Efficiency Loss. Systems Engineering - Theory & Practice, 2007, 27, 154-159.	0.3	16
120	STABILITY ANALYSIS FOR TRAFFIC FLOW WITH PERTURBATIONS. International Journal of Modern Physics C, 2008, 19, 1367-1375.	0.8	16
121	Macro modeling and analysis of traffic flow with road width. Journal of Central South University, 2011, 18, 1757-1764.	1.2	16
122	Empirical Evidence for the Look-Ahead Behavior of Pedestrians in Bi-directional Flows. Chinese Physics Letters, 2012, 29, 068901.	1.3	16
123	Pareto-improving policies for an idealized two-zone city served by two congestible modes. Transportation Research Part B: Methodological, 2018, 117, 876-891.	2.8	15
124	Vehicle Scheduling Optimization considering the Passenger Waiting Cost. Journal of Advanced Transportation, 2019, 2019, 1-13.	0.9	15
125	Temporal-spatial allocation of bottleneck capacity for managing morning commute with carpool. Transportation Research Part B: Methodological, 2021, 143, 177-200.	2.8	15
126	Optimization of time-varying parking charges and parking supply in networks with multiple user classes and multiple parking facilities. Tsinghua Science and Technology, 2007, 12, 167-177.	4.1	14

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127	BRAESS'S PARADOXES IN DYNAMIC TRAFFIC ASSIGNMENT WITH SIMULTANEOUS DEPARTURE TIME AND ROUTE CHOICES. Transportmetrica, 2008, 4, 209-225.	1.8	14
128	Day-to-day needs-based activity-travel dynamics and equilibria in multi-state supernetworks. Transportation Research Part B: Methodological, 2020, 132, 208-227.	2.8	14
129	Tolerance-based column generation for boundedly rational dynamic activity-travel assignment in large-scale networks. Transportation Research, Part E: Logistics and Transportation Review, 2020, 141, 102034.	3.7	14
130	Microscopic simulation of multi-lane traffic under dynamic tolling and information feedback. Central South University, 2009, 16, 865-870.	0.5	13
131	Novel travel cost functions based on morning peak commuting equilibrium. Operations Research Letters, 2010, 38, 195-200.	0.5	13
132	Discretised route travel time models based on cumulative flows. Journal of Advanced Transportation, 2013, 47, 105-125.	0.9	13
133	Tradable credit scheme for rush hour travel choice with heterogeneous commuters. Advances in Mechanical Engineering, 2015, 7, 168781401561243.	0.8	13
134	Analyzing the travel time of car-following model on an open road. Modern Physics Letters B, 2015, 29, 1550055.	1.0	13
135	Modeling the modal split and trip scheduling with commutersâ€™ uncertainty expectation. European Journal of Operational Research, 2015, 244, 815-822.	3.5	13
136	Day-to-day departure time choice under bounded rationality in the bottleneck model. Transportation Research Procedia, 2017, 23, 551-570.	0.8	13
137	A Time-dependent Activity and Travel Choice Model with Multiple Parking Options. , 2005, , 717-739.		13
138	How Do Transit Commuters Make Trade-Offs between Schedule Delay Penalty and Congestion Cost?. Transportation Research Record, 2009, 2134, 164-170.	1.0	12
139	Existence and efficiency of oligopoly equilibrium under toll and capacity competition. Transportation Research, Part E: Logistics and Transportation Review, 2011, 47, 908-919.	3.7	12
140	Analysis of user equilibrium for staggered shifts in a single-entry traffic corridor with no late arrivals. Physica A: Statistical Mechanics and Its Applications, 2017, 474, 8-18.	1.2	12
141	User equilibrium of a single-entry traffic corridor with continuous scheduling preference. Transportation Research Part B: Methodological, 2018, 108, 21-38.	2.8	12
142	Some analytical results on spatial price differentiation in firstâ€“best congestion pricing schemes. Transportation Research Part C: Emerging Technologies, 2020, 114, 425-445.	3.9	12
143	Optimal utilization of a transport system with auto/transit parallel modes. Optimal Control Applications and Methods, 1999, 20, 297-313.	1.3	11
144	Joint Optimization Model of Road-use Pricing and Capacity Using the Optimal Control Theory. Journal of Transportation System Engineering and Information Technology, 2007, 7, 61-66.	0.6	11

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145	A new model for studying the SO-based pre-trip information release strategy and route choice behaviour. Transportmetrica, 2010, 6, 271-290.	1.8	11
146	Mode choice and railway subsidy in a congested monocentric city with endogenous population distribution. Transportation Research, Part A: Policy and Practice, 2018, 116, 413-433.	2.0	11
147	Analysis of bathtub congestion with continuous scheduling preference. Research in Transportation Economics, 2019, 75, 45-54.	2.2	11
148	Morning commuting pattern and crowding pricing in a many-to-one public transit system with heterogeneous users. Transportation Research, Part E: Logistics and Transportation Review, 2021, 145, 102182.	3.7	11
149	Chaos and bifurcation in dynamical evolution process of traffic assignment with flow â€œmutationâ€• Chaos, Solitons and Fractals, 2009, 41, 1150-1157.	2.5	10
150	Transport management measures in the post-Olympic Games period: supporting sustainable urban mobility for Beijing?. International Journal of Sustainable Development and World Ecology, 0, , 1-14.	3.2	10
151	The effect of corporate governance on debt financing cost of listed companies. Journal of Systems Science and Complexity, 2016, 29, 772-788.	1.6	10
152	Theoretical analysis and simulation of pedestrian evacuation under invisible conditions. Simulation, 2012, 88, 1138-1148.	1.1	9
153	Optimal capacity allocation for high occupancy vehicle (HOV) lane in morning commute. Physica A: Statistical Mechanics and Its Applications, 2019, 524, 354-361.	1.2	9
154	Linear location-dependent parking fees and integrated daily commuting patterns with late arrival and early departure in a linear city. Transportation Research Part B: Methodological, 2021, 150, 293-322.	2.8	9
155	Wave properties of a traffic flow model on highway with ramps. Europhysics Letters, 2008, 84, 14006.	0.7	8
156	A CELLULAR AUTOMATA MODEL OF TRAFFIC FLOW WITH CONSIDERATION OF THE INERTIAL DRIVING BEHAVIOR. International Journal of Modern Physics C, 2010, 21, 549-557.	0.8	8
157	A traffic flow cellular automaton model to considering drivers' learning and forgetting behaviour. Chinese Physics B, 2011, 20, 028901.	0.7	8
158	A New Macro Model for Traffic Flow on a Highway with Bus Stop. Communications in Theoretical Physics, 2011, 55, 1113-1118.	1.1	8
159	Analysis of social optimum for staggered shifts in a single-entry traffic corridor with no late arrivals. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 275-283.	1.2	8
160	A Multi-Modal Route Choice Model with Ridesharing and Public Transit. Sustainability, 2018, 10, 4275.	1.6	8
161	A competitive system with transit and highway: Revisiting the political feasibility of road pricing. Transport Policy, 2020, 88, 42-56.	3.4	8
162	The adverse impact of electric vehicles on traffic congestion in the morning commute. Transportation Research Part C: Emerging Technologies, 2021, 125, 103073.	3.9	8

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163	Efficiency Loss of the Multiclass, Multicriteria Stochastic User Equilibrium Traffic Assignment against Stochastic System Optimization. , 2009, , .		7
164	EFFECTS OF RIGHT-TURN VEHICLES ON TRAFFIC FLOW. International Journal of Modern Physics C, 2012, 23, 1250010.	0.8	7
165	Finding anonymous tolls to realize target flow pattern in networks with continuously distributed value of time. Transportation Research Part B: Methodological, 2014, 65, 31-46.	2.8	7
166	Stochastic Bottleneck Model with Heterogeneous Travelers. Journal of Transportation System Engineering and Information Technology, 2014, 14, 93-98.	0.6	7
167	An electricity consumption model for electric vehicular flow. Modern Physics Letters B, 2016, 30, 1650325.	1.0	7
168	Analysis of energy consumption and emission of the heterogeneous traffic flow consisting of traditional vehicles and electric vehicles. Modern Physics Letters B, 2017, 31, 1750324.	1.0	7
169	Fixed-Point Model and Schedule Reliability of Morning Commuting in Stochastic and Time-Dependent Transport Networks. Lecture Notes in Computer Science, 2005, , 777-787.	1.0	7
170	Modeling traffic dynamics in periphery-downtown urban networks combining Vickrey's theory with Macroscopic Fundamental Diagram: user equilibrium, system optimum, and cordon pricing. Transportation Research Part B: Methodological, 2022, 155, 278-303.	2.8	7
171	Aggregate scheduling and network solving of multi-stage and multi-item manufacturing systems. European Journal of Operational Research, 1998, 105, 52-65.	3.5	6
172	Multi-agent Simulation on Day-to-Day Route Choice Behavior. , 2007, , .		6
173	Long-term culture of keratinocyte-like cells derived from mouse embryonic stem cells. In Vitro Cellular and Developmental Biology - Animal, 2008, 44, 193-203.	0.7	6
174	Effects of Potential Lane-Changing Probability on Uniform Flow. Communications in Theoretical Physics, 2010, 54, 943-946.	1.1	6
175	Locating the Variable Message Signs by Cell Transmission Model. , 2007, , .		5
176	Pricing and Hierarchical Logit-Based Mode Choice Models in a Multimodal Corridor with Trip-Chain Costs. Systems Engineering Procedia, 2011, 2, 231-242.	0.3	5
177	Pareto efficient strategies for regulating public transit operations. Public Transport, 2012, 3, 199-212.	1.7	5
178	Congestion Behavior under Uncertainty on Morning Commute with Preferred Arrival Time Interval. Discrete Dynamics in Nature and Society, 2014, 2014, 1-9.	0.5	5
179	Dynamic Activity-Travel Assignment in Multi-State Supernetworks. Transportation Research Procedia, 2015, 7, 24-43.	0.8	5
180	Equilibrium analysis of parking for integrated daily commuting. Research in Transportation Economics, 2021, 90, 101019.	2.2	5

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181	A civil aircraft passenger deplaning model considering patients with severe acute airborne disease. Journal of Transportation Safety and Security, 0, , 1-22.	1.1	5
182	Mixed equilibrium behavior and market penetration with global demand elasticity under advanced traveler information systems. , 0, , .		4
183	Network Traffic Flow Evolution Model Considering OD Demand Mutation. Systems Engineering - Theory & Practice, 2009, 29, 118-123.	0.3	4
184	A Mixed Traffic Flow Model Based on a Modified Cellular Automaton in Two-Lane System. , 2009, , .		4
185	A Multilane Traffic Flow Model with Lane Width and the Number of Lanes. Chinese Physics Letters, 2012, 29, 098903.	1.3	4
186	Modeling Bounded Rationality in Congestion Games with the Quantal Response Equilibrium. Procedia, Social and Behavioral Sciences, 2014, 138, 641-648.	0.5	4
187	Scenario-based stochastic resource allocation with uncertain probability parameters. Journal of Systems Science and Complexity, 2017, 30, 357-377.	1.6	4
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