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	Empirical investigation of child evacuation under non-emergency and emergency situations. Journal of Transportation Safety and Security, 2022, 14, 585-606.	1.1	3
2	Day-to-day dynamics in a duopoly ride-sourcing market. Transportation Research Part C: Emerging Technologies, 2022, 135, 103528.	3.9	2
3	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
4	Impacts of intercity commuting on travel characteristics and urban performances in a two-city system. Transportation Research, Part E: Logistics and Transportation Review, 2022, 164, 102792.	3.7	4
5	Tradable permit schemes for managing morning commute with carpool under parking space constraint. Transportation, 2021, 48, 1563-1586.	2.1	20
6	An extended dynamic model for pedestrian traffic considering individual preference. Simulation Modelling Practice and Theory, 2021, 106, 102204.	2.2	4
7	Temporal-spatial allocation of bottleneck capacity for managing morning commute with carpool. Transportation Research Part B: Methodological, 2021, 143, 177-200.	2.8	15
8	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
9	Day-to-day route choice in networks with different sets for choice: experimental results. Transportmetrica B, 2021, 9, 712-745.	1.4	4
10	Equilibrium analysis of parking for integrated daily commuting. Research in Transportation Economics, 2021, 90, 101019.	2.2	5
11	Parking management in the morning commute problem with ridesharing. Research in Transportation Economics, 2021, 90, 101037.	2.2	4
12	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
13	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
14	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
15	A restricted path-based ridesharing user equilibrium. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2020, 24, 383-403.	2.6	19
16	Transportation issues in developing China's urban agglomerations. Transport Policy, 2020, 85, A1-A22.	3.4	49
17	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
18	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

#	Article	IF	Citations
19	Dynamic equilibrium commuting in a multilane system with ridesharing. Physica A: Statistical Mechanics and Its Applications, 2020, 557, 124860.	1.2	3
20	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
21	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
22	A competitive system with transit and highway: Revisiting the political feasibility of road pricing. Transport Policy, 2020, 88, 42-56.	3.4	8
23	Day-to-Day Needs-based Activity-Travel Dynamics and Equilibria in Multi-State Supernetworks. Transportation Research Procedia, 2019, 38, 503-523.	0.8	2
24	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
25	Bus timetabling considering passenger satisfaction: An empirical study in Beijing. Computers and Industrial Engineering, 2019, 135, 1155-1166.	3.4	28
26	Analysis of bathtub congestion with continuous scheduling preference. Research in Transportation Economics, 2019, 75, 45-54.	2.2	11
27	Vehicle Scheduling Optimization considering the Passenger Waiting Cost. Journal of Advanced Transportation, 2019, 2019, 1-13.	0.9	15
28	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
29	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
30	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
31	Dynamic ridesharing with variable-ratio charging-compensation scheme for morning commute. Transportation Research Part B: Methodological, 2019, 122, 390-415.	2.8	28
32	Exploring Boarding Strategies for High-Speed Railway. Journal of Advanced Transportation, 2019, 2019, 1-12.	0.9	4
33	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
34	Child behavior during evacuation under non-emergency situations: Experimental and simulation results. Simulation Modelling Practice and Theory, 2019, 90, 31-44.	2.2	46
35	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
36	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

#	Article	IF	Citations
37	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
38	Modeling pedestrian flow accounting for collision avoidance during evacuation. Simulation Modelling Practice and Theory, 2018, 82, 1-11.	2.2	74
39	Are We Really Solving the Dynamic Traffic Equilibrium Problem with a Departure Time Choice?. Transportation Science, 2018, 52, 603-620.	2.6	35
40	User equilibrium of a single-entry traffic corridor with continuous scheduling preference. Transportation Research Part B: Methodological, 2018, 108, 21-38.	2.8	12
41	An aircraft boarding model accounting for group behavior. Journal of Air Transport Management, 2018, 69, 182-189.	2.4	23
42	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
43	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
44	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
45	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
46	A Multi-Modal Route Choice Model with Ridesharing and Public Transit. Sustainability, 2018, 10, 4275.	1.6	8
47	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
48	Dynamic pricing for reservation-based parking system: A revenue management method. Transport Policy, 2018, 71, 36-44.	3.4	45
49	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
50	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
51	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
52	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
53	Impacts of road conditions on the energy consumption of electric vehicular flow. Modern Physics Letters B, 2017, 31, 1750121.	1.0	1
54	Scenario-based stochastic resource allocation with uncertain probability parameters. Journal of Systems Science and Complexity, 2017, 30, 357-377.	1.6	4

#	Article	IF	Citations
55	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
56	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
57	Day-to-day departure time choice under bounded rationality in the bottleneck model. Transportation Research Procedia, 2017, 23, 551-570.	0.8	13
58	Pareto-improving policies for an idealized two-zone city served by two congestible modes. Transportation Research Procedia, 2017, 23, 531-550.	0.8	0
59	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
60	A regret theory-based route choice model. Transportmetrica A: Transport Science, 2017, 13, 250-272.	1.3	31
61	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
62	A novel binary differential evolution algorithm for a class of fuzzy-stochastic resource allocation problems. , 2017, , .		4
63	Inefficiency of marginal-cost tolls in transportation networks with stochastic demands. , 2017, , .		0
64	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
65	Benefit distribution of private toll road: a cumulative prospect theory model with heterogeneous users. International Journal of Systems Science: Operations and Logistics, 2016, 3, 211-222.	2.0	0
66	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
67	Bounding the inefficiency of the C-logit stochastic user equilibrium assignment. Journal of Systems Science and Complexity, 2016, 29, 1629-1649.	1.6	3
68	An electricity consumption model for electric vehicular flow. Modern Physics Letters B, 2016, 30, 1650325.	1.0	7
69	A hybrid discrete differential evolution algorithm for stochastic resource allocation. , 2016, , .		3
70	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
71	On the morning commute problem with carpooling behavior under parking space constraint. Transportation Research Part B: Methodological, 2016, 91, 383-407.	2.8	75
72	Activity-travel behavior analysis and multi-state supernetwork modeling. Transportmetrica A: Transport Science, 2016, 12, 569-571.	1.3	1

#	Article	IF	Citations
73	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
74	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
75	Day-to-Day Flow Dynamics and Congestion Control. Transportation Science, 2016, 50, 982-997.	2.6	47
76	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
77	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
78	A Regret Theory-Based Combined Trip Distribution and Traffic Assignment Model. , 2016, , .		1
79	Dynamic Activity-Travel Assignment in Multi-State Supernetworks. Transportation Research Procedia, 2015, 7, 24-43.	0.8	5
80	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
81	Formulation and Numerical Analysis of Commuting Equilibrium on Transit System with Women-Only Cars. , 2015, , .		1
82	Simulation of Pedestrian Evacuation Based on the Propagation of Pedestrian Flow. , 2015, , .		1
83	Bottleneck Congestion with Stochastic Capacity and Modal Split. , 2015, , .		1
84	Tradable credit scheme for rush hour travel choice with heterogeneous commuters. Advances in Mechanical Engineering, 2015, 7, 168781401561243.	0.8	13
85	Commuting in a Transportation System with a Park-and-Ride Option. , 2015, , .		0
86	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
87	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
88	Link-based day-to-day network traffic dynamics and equilibria. Transportation Research Part B: Methodological, 2015, 71, 248-260.	2.8	72
89	Benefits from an Advanced Traveler Information System: A Cumulative Prospect Theory Model with Heterogeneous Users and Endogenous Market Penetration. , 2015, , .		0
90	Pricing and mode choice based on nested logit model with trip-chain costs. Transport Policy, 2015, 44, 76-88.	3.4	56

#	Article	IF	Citations
91	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
92	Analyzing the travel time of car-following model on an open road. Modern Physics Letters B, 2015, 29, 1550055.	1.0	13
93	Modeling the modal split and trip scheduling with commutersâ€™ uncertainty expectation. European Journal of Operational Research, 2015, 244, 815-822.	3.5	13
94	Dynamic activity-travel assignment in multi-state supernetworks. Transportation Research Part B: Methodological, 2015, 81, 656-671.	2.8	33
95	An ordinary differential equation formulation of the bottleneck model with user heterogeneity. Transportation Research Part B: Methodological, 2015, 81, 34-58.	2.8	28
96	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
97	Congestion Behavior and Tolls in a Bottleneck Model with Stochastic Capacity. Transportation Science, 2015, 49, 46-65.	2.6	83
98	Experiment of boundedly rational route choice behavior and the model under satisficing rule. , 2014, , .		2
99	Managing redistribution of toll revenue with user heterogeneity. Journal of Systems Science and Systems Engineering, 2014, 23, 329-341.	0.8	3
100	Simulating the Dynamic Escape Process in Large Public Places. Operations Research, 2014, 62, 1344-1357.	1.2	46
101	Modeling the Equilibrium Bus Line Choice Behavior and Transit System Design with Oblivious Users. Discrete Dynamics in Nature and Society, 2014, 2014, 1-5.	0.5	2
102	A macro model for traffic flow on road networks with varying road conditions. Journal of Advanced Transportation, 2014, 48, 304-317.	0.9	66
103	A Path-Based Gradient Projection Algorithm for the Cost-Based System Optimum Problem in Networks with Continuously Distributed Value of Time. Journal of Applied Mathematics, 2014, 2014, 1-9.	0.4	2
104	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
105	Day-to-Day Scheduling Travel Time Adjustment Behavior and Simulation. Mathematical Problems in Engineering, 2014, 2014, 1-7.	0.6	0
106	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
107	A bi-objective turning restriction design problem in urban road networks. European Journal of Operational Research, 2014, 237, 426-439.	3.5	52
108	Efficiency and equity of redistribution of toll revenue with user heterogeneity. , 2014, , .		1

#	Article	IF	Citations
109	Modeling Bounded Rationality in Congestion Games with the Quantal Response Equilibrium. Procedia, Social and Behavioral Sciences, 2014, 138, 641-648.	0.5	4
110	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
111	Stochastic Bottleneck Model with Heterogeneous Travelers. Journal of Transportation System Engineering and Information Technology, 2014, 14, 93-98.	0.6	7
112	Stochastic bottleneck capacity, merging traffic and morning commute. Transportation Research, Part E: Logistics and Transportation Review, 2014, 64, 48-70.	3.7	35
113	A discrete rational adjustment process of link flows in traffic networks. Transportation Research Part C: Emerging Technologies, 2013, 34, 121-137.	3.9	60
114	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
115	Camera location optimisation for traffic surveillance in urban road networks with multiple user classes. International Journal of Systems Science, 2013, 44, 2211-2222.	3.7	3
116	Discretised route travel time models based on cumulative flows. Journal of Advanced Transportation, 2013, 47, 105-125.	0.9	13
117	An Intersection-Movement-Based Dynamic User Optimal Route Choice Problem. Operations Research, 2013, 61, 1134-1147.	1.2	44
118	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
119	Bi-Criteria System Optimum Traffic Assignment in Networks With Continuous Value of Time. Promet - Traffic - Traffico, 2013, 25, 119-125.	0.3	2
120	Modified Static Floor Field and Exit Choice for Pedestrian Evacuation. Chinese Physics Letters, 2012, 29, 080502.	1.3	18
121	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
122	Theoretical analysis and simulation of pedestrian evacuation under invisible conditions. Simulation, 2012, 88, 1138-1148.	1.1	9
123	EFFECTS OF RIGHT-TURN VEHICLES ON TRAFFIC FLOW. International Journal of Modern Physics C, 2012, 23, 1250010.	0.8	7
124	Empirical Evidence for the Look-Ahead Behavior of Pedestrians in Bi-directional Flows. Chinese Physics Letters, 2012, 29, 068901.	1.3	16
125	A Macro Model for Traffic Flow with Consideration of Static Bottleneck. Communications in Theoretical Physics, 2012, 58, 300-306.	1.1	26
126	A Stochastic LWR Model with Consideration of the Driver's Individual Property. Communications in Theoretical Physics, 2012, 58, 583-589.	1.1	46

#	Article	IF	Citations
127	A Multilane Traffic Flow Model with Lane Width and the Number of Lanes. Chinese Physics Letters, 2012, 29, 098903.	1.3	4
128	Bi-Criteria System Optimum with Fixed Demand and Continuously Distributed Value of Time. , 2012, , .		0
129	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
130	Equilibrium Trip Scheduling in Bottleneck Model with Stochastic Capacity. , 2012, , .		0
131	The Effect of the Uniform Credit Scheme on Modal-split and Pareto-improving Property. , 2012, , .		0
132	Network Equilibrium Modeling Considering the Travelers' Risk Perception on Arrival Time. , 2012, , .		0
133	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
134	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
135	An aircraft boarding model accounting for passengersâ€™ individual properties. Transportation Research Part C: Emerging Technologies, 2012, 22, 1-16.	3.9	84
136	Formulation of pedestrian movement in microscopic models with continuous space representation. Transportation Research Part C: Emerging Technologies, 2012, 24, 50-61.	3.9	28
137	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
138	Pareto efficient strategies for regulating public transit operations. Public Transport, 2012, 3, 199-212.	1.7	5
139	A new fundamental diagram theory with the individual difference of the driverâ€™s perception ability. Nonlinear Dynamics, 2012, 67, 2255-2265.	2.7	100
140	A new pedestrian-following model for aircraft boarding andÂnumerical tests. Nonlinear Dynamics, 2012, 67, 437-443.	2.7	56
141	Competitive, cooperative and Stackelberg congestion pricing for multiple regions in transportation networks. Transportmetrica, 2011, 7, 297-320.	1.8	42
142	Route choice in pedestrian evacuation: formulated using a potential field. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P04018.	0.9	47
143	Collection, spillback, and dissipation in pedestrian evacuation: A network-based method. Transportation Research Part B: Methodological, 2011, 45, 490-506.	2.8	93
144	Improving travel efficiency by parking permits distribution and trading. Transportation Research Part B: Methodological, 2011, 45, 1018-1034.	2.8	137

#	Article	IF	Citations
145	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
146	Efficiency and Equity of Ramp Control and Capacity Allocation Mechanisms in a Freeway Corridor. Procedia, Social and Behavioral Sciences, 2011, 17, 509-531.	0.5	1
147	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
148	A traffic flow cellular automaton model to considering drivers' learning and forgetting behaviour. Chinese Physics B, 2011, 20, 028901.	0.7	8
149	Inefficiency of Logit-Based Stochastic User Equilibrium in a Traffic Network Under ATIS. Networks and Spatial Economics, 2011, 11, 255-269.	0.7	19
150	Macro modeling and analysis of traffic flow with road width. Journal of Central South University, 2011, 18, 1757-1764.	1.2	16
151	Properties of Traffic Flow under a New Boundary Condition. , 2011, , .		0
152	Simulation of Exit Choosing in Pedestrian Evacuation Using a Cellular Automaton Model Based on Surrounding Pedestrian Density. , 2011, , .		1
153	A New Macro Model for Traffic Flow on a Highway with Bus Stop. Communications in Theoretical Physics, 2011, 55, 1113-1118.	1.1	8
154	A New Car-Following Model with Consideration of Driving Resistance. Chinese Physics Letters, 2011, 28, 038902.	1.3	41
155	Herding Effect in Coupled Pedestrian-Pedestrian Interacting Dynamics. Chinese Physics Letters, 2011, 28, 128301.	1.3	2
156	A Bi-level Programming Model for Network Traffic Surveillance of Optimal Camera Location. , 2011, , .		1
157	Recombinant PBDâ€1 (porcine betaâ€defensin 1) expressed in the milk by transplanting transgenic mESâ€likeâ€derived cells into mouse mammary gland. Cell Biology International, 2010, 34, 1033-1040.	1.4	0
158	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
159	Novel travel cost functions based on morning peak commuting equilibrium. Operations Research Letters, 2010, 38, 195-200.	0.5	13
160	Effects of the Spatial Distance between Two Adjacent Bus Stops on Traffic Flow. , 2010, , .		0
161	Effects of Potential Lane-Changing Probability on Uniform Flow. Communications in Theoretical Physics, 2010, 54, 943-946.	1.1	6
162	Equilibrium properties of the morning commuting in a many-to-one corridor network. , 2010, , .		0

#	Article	IF	Citations
163	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
164	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
165	Simulation of Two-Lane Traffic Flow Considering the Combined Effect of Intersection and Bus Stop. , 2010, , .		0
166	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
167	An Extended Optimal Velocity Model with Consideration of Honk Effect. Communications in Theoretical Physics, 2010, 54, 1151-1155.	1.1	40
168	Efficiency Loss of the Multiclass, Multicriteria Stochastic User Equilibrium Traffic Assignment against Stochastic System Optimization. , 2009, , .		7
169	A Spatial Model Based on Dynamic Rail Commuter Equilibrium in a Monocentric City. , 2009, , .		0
170	Departure Time and Mode Choice for the Morning Commute in a Highway/Railway Network. , 2009, , .		0
171	THE EFFECTS OF BUS STOP ON TRAFFIC FLOW. International Journal of Modern Physics C, 2009, 20, 941-952.	0.8	41
172	THE EFFECTS OF TAXI ON TRAFFIC FLOW. International Journal of Modern Physics C, 2009, 20, 1537-1546.	0.8	3
173	The Multinomial Logit Model with Last Choice Feedback. , 2009, , .		0
174	Inefficiency of the Uniform Altruism Traffic Assignment. , 2009, , .		1
175	Dynamic Congestion Pricing in Urban Transit System. , 2009, , .		0
176	Private road competition and equilibrium with traffic equilibrium constraints. Journal of Advanced Transportation, 2009, 43, 21-45.	0.9	26
177	Macroscopic modeling of laneâ€changing for twoâ€lane traffic flow. Journal of Advanced Transportation, 2009, 43, 245-273.	0.9	49
178	Microscopic simulation of multi-lane traffic under dynamic tolling and information feedback. Central South University, 2009, 16, 865-870.	0.5	13
179	Impacts of variable message signs on traffic congestion. Science in China Series D: Earth Sciences, 2009, 52, 477-483.	0.9	17
180	Network Traffic Flow Evolution Model Considering OD Demand Mutation. Systems Engineering - Theory & Practice, 2009, 29, 118-123.	0.3	4

#	Article	IF	Citations
181	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
182	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
183	Ramp Metering Strategies in a Corridor Network. , 2009, , .		0
184	Modeling Time-Dependent Travel Choice Problems in a Mixed-Mode Network with Park-and-Ride Facilities. , 2009, , .		1
185	A Mixed Traffic Flow Model Based on a Modified Cellular Automaton in Two-Lane System. , 2009, , .		4
186	How Do Transit Commuters Make Trade-Offs between Schedule Delay Penalty and Congestion Cost?. Transportation Research Record, 2009, 2134, 164-170.	1.0	12
187	Equilibria and Inefficiency in Traffic Networks with Stochastic Capacity and Information Provision. , 2009, , 263-281.		2
188	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
189	A car-following model with the anticipation effect of potential lane changing. Acta Mechanica Sinica/Lixue Xuebao, 2008, 24, 399-407.	1.5	51
190	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
191	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
192	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
193	Reliability Evaluation for Stochastic and Time-dependent Networks with Multiple Parking Facilities. Networks and Spatial Economics, 2008, 8, 355-381.	0.7	25
194	Comparing the Information Feedback Strategies in a Signal Controlled Network. , 2008, , .		0
195	Dynamic User Equilibrium in the Morning Peak Period. , 2008, , .		0
196	BRAESS'S PARADOXES IN DYNAMIC TRAFFIC ASSIGNMENT WITH SIMULTANEOUS DEPARTURE TIME AND ROUTE CHOICES. Transportmetrica, 2008, 4, 209-225.	1.8	14
197	Wave properties of a traffic flow model on highway with ramps. Europhysics Letters, 2008, 84, 14006.	0.7	8
198	A modified floor field cellular automata model for pedestrian evacuation simulation. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 385104.	0.7	79

#	Article	IF	Citations
199	STABILITY ANALYSIS FOR TRAFFIC FLOW WITH PERTURBATIONS. International Journal of Modern Physics C, 2008, 19, 1367-1375.	0.8	16
200	A Study of Modeling Travelers' Route Choice Behavior and Information Release Strategy. , 2008, , .		3
201	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
202	Equity and Efficiency Analysis of Pricing Strategies in a Bimodal Network with Heterogeneous User Groups. Transportation Research Record, 2008, 2089, 43-50.	1.0	3
203	A New Model for Studying the Impact on Travel Behavior by ATIS and Information Release Strategy. , 2007, , 2097.		0
204	A Cell Transmission Model and Its Application in Optimizing the Location of Variable Message Signs. , 2007, , .		1
205	Multi-agent Simulation on Day-to-Day Route Choice Behavior. , 2007, , .		6
206	Optimal Location of Park and Ride Facility. , 2007, , .		2
207	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
208	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
209	Locating the Variable Message Signs by Cell Transmission Model. , 2007, , .		5
210	Modeling Park-and-Ride Services in a Multimodal Transport Network with Elastic Demand. Transportation Research Record, 2007, 1994, 101-109.	1.0	61
211	A multiclass, multicriteria logit-based traffic equilibrium assignment model under ATIS. European Journal of Operational Research, 2007, 176, 1464-1477.	3.5	113
212	Scaling laws of the network traffic flow. Physica A: Statistical Mechanics and Its Applications, 2007, 380, 577-584.	1.2	17
213	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
214	Mixed Travel Behavior in Networks with ATIS and Upper Bound of Efficiency Loss. Systems Engineering - Theory & Practice, 2007, 27, 154-159.	0.3	16
215	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
216	Empirical Study of Parking Problem on University Campus. Journal of Transportation System Engineering and Information Technology, 2007, 7, 135-140.	0.6	38

#	Article	IF	Citations
217	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
218	Lane changing analysis for two-lane traffic flow. Acta Mechanica Sinica/Lixue Xuebao, 2007, 23, 49-54.	1.5	46
219	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
220	Continuum modeling for two-lane traffic flow. Acta Mechanica Sinica/Lixue Xuebao, 2006, 22, 131-137.	1.5	20
221	A Stochastic Model for Combined Activity/Destination/Route Choice Problems. Annals of Operations Research, 2005, 135, 111-125.	2.6	19
222	Stability of the car-following model on two lanes. Physical Review E, 2005, 72, 066124.	0.8	99
223	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
224	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
225	A Time-dependent Activity and Travel Choice Model with Multiple Parking Options. , 2005, , 717-739.		13
226	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
227	URBAN TRANSIT SYSTEM AS A SCALE-FREE NETWORK. Modern Physics Letters B, 2004, 18, 1043-1049.	1.0	102
228	The multi-class, multi-criteria traffic network equilibrium and systems optimum problem. Transportation Research Part B: Methodological, 2004, 38, 1-15.	2.8	364
229	A Comparison of System and User Performance under Single-Criterion and Multi-Criteria Route Guidance Systems. , 2004, , .		0
230	Combined Activity/Travel Choice Models: Time-Dependent and Dynamic Versions. Networks and Spatial Economics, 2003, 3, 323-347.	0.7	32
231	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
232	Traffic Incident Information Release: Is It Always Positive?. , 2002, , 1438.		1
233	A combined activity/travel choice model for congested road networks with queues. Transportation, 2002, 29, 5-29.	2.1	38
234	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

#	Article	IF	Citations
235	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
236	The models and economics of carpools. Annals of Regional Science, 2000, 34, 55-68.	1.0	63
237	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
238	Optimal utilization of a transport system with auto/transit parallel modes. Optimal Control Applications and Methods, 1999, 20, 297-313.	1.3	11
239	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
240	A study on logit assignment which excludes all cyclic flows. Transportation Research Part B: Methodological, 1998, 32, 401-412.	2.8	28
241	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
242	Models for optimizing transportation networks and modal split in China. Journal of Advanced Transportation, 1997, 31, 39-48.	0.9	1
243	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
244	Dynamic user optimal traffic assignment model for many to one travel demand. Transportation Research Part B: Methodological, 1995, 29, 243-259.	2.8	54
245	Stochastic User Equilibrium Assignment Model and Its Parameter Calibrating. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 953-958.	0.4	1
246	A combined trip distribution and assignment model for multiple user classes. Transportation Research Part B: Methodological, 1992, 26, 275-287.	2.8	119
247	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
248	Modified Evans' algorithms for solving the combined trip distribution and assignment problem. Transportation Research Part B: Methodological, 1992, 26, 325-337.	2.8	21
249	Mixed equilibrium behavior and market penetration with global demand elasticity under advanced traveler information systems. , 0, , .		4
250	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
251	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