Ren-Yong Guo

List of Publications by Year
in descending order

39 papers	1,412 citations	430754 18 h-index	330025 37 g-index
39 all docs	39 docs citations	39 times ranked	747 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	Emergency passenger evacuation from bus carriage: Results from realistic data and modeling simulations. Journal of Management Science and Engineering, 2022, , .	1.9	0
4	Simulation of pedestrian route choice with local view: A potential field approach. Applied Mathematical Modelling, 2021, 92, 687-709.	2.2	10
5	Profit optimization of public transit operators: examining both interior and boundary solutions. Transportmetrica A: Transport Science, 2021, 17, 824-855.	1.3	2
6	Day-to-day route choice in networks with different sets for choice: experimental results. Transportmetrica B, 2021, 9, 712-745.	1.4	4
7	Equilibrium analysis of parking for integrated daily commuting. Research in Transportation Economics, 2021, 90, 101019.	2.2	5
8	Simulation of pedestrian flows through queues: Effect of interaction and intersecting angle. Physica A: Statistical Mechanics and Its Applications, 2021, 570, 125804.	1.2	9
9	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
10	Human Behavior During Emergency Evacuation: Cell Transmission Model. IEEE Access, 2021, 9, 42463-42482.	2.6	2
11	Fraud detection via behavioral sequence embedding. Knowledge and Information Systems, 2020, 62, 2685-2708.	2.1	14
12	Trial-and-error operation schemes for bimodal transport systems. Transportation Research Part B: Methodological, 2020, 131, 106-123.	2.8	8
13	A data-driven approach for extracting and analyzing collaboration patterns at the interagent and intergroup levels in business process. Electronic Commerce Research, 2019, 19, 451-470.	3.0	1
14	A robust potential-based route choice model for simulating pedestrian evacuation. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 093405.	0.9	4
15	Vehicle Scheduling Optimization considering the Passenger Waiting Cost. Journal of Advanced Transportation, 2019, 2019, 1-13.	0.9	15
16	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
17	Child behavior during evacuation under non-emergency situations: Experimental and simulation results. Simulation Modelling Practice and Theory, 2019, 90, 31-44.	2.2	46
18	Day-to-day modal choice with a Pareto improvement or zero-sum revenue scheme. Transportation Research Part B: Methodological, 2018, 110, 1-25.	2.8	13

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19	Potential-based dynamic pedestrian flow assignment. Transportation Research Part C: Emerging Technologies, 2018, 91, 263-275.	3.9	29
20	Are We Really Solving the Dynamic Traffic Equilibrium Problem with a Departure Time Choice?. Transportation Science, 2018, 52, 603-620.	2.6	35
21	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
22	Simulation of bi-directional pedestrian flow by using a cell transmission model. Simulation Modelling Practice and Theory, 2018, 87, 1-14.	2.2	8
23	Day-to-day departure time choice under bounded rationality in the bottleneck model. Transportation Research Procedia, 2017, 23, 551-570.	0.8	13
24	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
25	Day-to-Day Flow Dynamics and Congestion Control. Transportation Science, 2016, 50, 982-997.	2.6	47
26	Link-based day-to-day network traffic dynamics and equilibria. Transportation Research Part B: Methodological, 2015, 71, 248-260.	2.8	72
27	Dynamic congestion pricing with day-to-day flow evolution and user heterogeneity. Transportation Research Part C: Emerging Technologies, 2015, 61, 87-105.	3.9	58
28	A discrete rational adjustment process of link flows in traffic networks. Transportation Research Part C: Emerging Technologies, 2013, 34, 121-137.	3.9	60
29	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
30	Theoretical analysis and simulation of pedestrian evacuation under invisible conditions. Simulation, 2012, 88, 1138-1148.	1.1	9
31	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
32	A simulation model for pedestrian flow through walkways with corners. Simulation Modelling Practice and Theory, 2012, 21, 103-113.	2.2	35
33	Formulation of pedestrian movement in microscopic models with continuous space representation. Transportation Research Part C: Emerging Technologies, 2012, 24, 50-61.	3.9	28
34	Route choice in pedestrian evacuation: formulated using a potential field. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P04018.	0.9	47
35	Collection, spillback, and dissipation in pedestrian evacuation: A network-based method. Transportation Research Part B: Methodological, 2011, 45, 490-506.	2.8	93
36	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

#	ARTICLE	IF	CITATIONS
37	Network Traffic Flow Evolution Model Considering OD Demand Mutation. Systems Engineering - Theory & Practice, 2009, 29, 118-123.	0.3	4
38	A modified floor field cellular automata model for pedestrian evacuation simulation. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 385104.	0.7	79
39	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