Qun Chen

List of Publications by Year
in descending order

38 papers	**999** citations	687363 **13** h-index	434195 **31** g-index
38 all docs	**38** docs citations	**38** times ranked	**1621** citing authors

#	ARTICLE	IF	CITATIONS
1	Reposition optimization in free-floating bike-sharing system: A case study in Shenzhen City. Physica A: Statistical Mechanics and Its Applications, 2022, 593, 126925.	2.6	9
2	Dynamic Parking Allocation Model in a Multidestination Multiple Parking Lot System. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 195-208.	3.8	2
3	Flow feasibility condition analysis and design optimization of contraflow left-turn lanes at signalized intersections based on kinematic wave theory. Transportmetrica B, 2021, 9, 746-774.	2.3	3
4	Impacts of vehicle-to-infrastructure communication on traffic flows with mixed connected vehicles and human-driven vehicles. International Journal of Modern Physics B, 2021, 35, 2150091.	2.0	3
5	Improving traffic efficiency during yellow lights using connected vehicles. Physica A: Statistical Mechanics and Its Applications, 2021, 578, 126108.	2.6	4
6	Correlation of the epidemic spread of COVID-19 and urban population migration in the major cities of Hubei Province, China. Transportation Safety and Environment, 2021, 3, 21-35.	2.1	4
7	Vehicle routing problem of contactless joint distribution service during COVID-19 pandemic. Transportation Research Interdisciplinary Perspectives, 2020, 8, 100233.	2.7	25
8	Case study of road rage incidents resulting from the illegal use of high beams. Transportation Research Interdisciplinary Perspectives, 2020, 7, 100184.	2.7	4
9	Simulation of pedestrian evacuation in stampedes based on a cellular automaton model. Simulation Modelling Practice and Theory, 2020, 104, 102147.	3.8	28
10	Transport-related experiences in China in response to the Coronavirus (COVID-19). Transportation Research Interdisciplinary Perspectives, 2020, 8, 100246.	2.7	27
11	Analyzing Factors that Influence Expressway Traffic Crashes Based on Association Rules: Using the Shaoyang–Xinhuang Section of the Shanghai–Kunming Expressway as an Example. Journal of Transportation Engineering Part A: Systems, 2020, 146, .	1.4	17
12	Analyzing pedestrian-car interweaving in Chinese old urban residential communities. International Journal of Modern Physics B, 2020, 34, 2050299.	2.0	2
13	Cellular automaton simulation of vehicles in the contraflow left–turn lane at signalised intersections. IET Intelligent Transport Systems, 2019, 13, 1164-1172.	3.0	9
14	The generation and development of road rage incidents caused by aberrant overtaking: An analysis of cases in China. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 60, 606-619.	3.7	10
15	Bike Fleet Allocation Models for Repositioning in Bike-Sharing Systems. IEEE Intelligent Transportation Systems Magazine, 2018, 10, 19-29.	3.8	33
16	A questionnaire survey on road rage and anger-provoking situations in China. Accident Analysis and Prevention, 2018, 111, 210-221.	5.7	14
17	Exploring the impact of signal types and adjacent vehicles on drivers' choices after the onset of yellow. Physica A: Statistical Mechanics and Its Applications, 2018, 500, 222-236.	2.6	6
18	Simulated interactions of pedestrian crossings and motorized vehicles in residential areas. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 1046-1060.	2.6	13

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19	The choice of residential layout in urban China: A comparison of transportation and land use in Changsha (China) and Leeds (UK). Habitat International, 2018, 75, 50-58.	5.8	13
20	Model for Public Car Park Layout Based on Dynamic Multiperiodic Parking Demands. Journal of the Urban Planning and Development Division, ASCE, 2018, 144, 04018031.	1.7	3
21	MnO2 Nanoparticles and Carbon Nanofibers Nanocomposites with High Sensing Performance Toward Glucose. Journal of Cluster Science, 2018, 29, 1089-1098.	3.3	12
22	Efficient preparation and formation mechanism of polymer/SiO2 nanocomposite particles in miniemulsions. Colloid and Polymer Science, 2017, 295, 1223-1232.	2.1	10
23	Direct formulation and algorithms for the probit-based stochastic user equilibrium traffic assignment problem. Transportation Planning and Technology, 2017, 40, 757-770.	2.0	3
24	Survey of the Influence of the Width of Urban Branch Roads on the Meeting of Two-Way Vehicle Flows. PLoS ONE, 2016, 11, e0149188.	2.5	1
25	An Algorithm for the Mixed Transportation Network Design Problem. PLoS ONE, 2016, 11, e0162618.	2.5	8
26	Facile synthesis of the Basolite F300-like nanoscale Fe-BTC framework and its lithium storage properties. RSC Advances, 2016, 6, 114483-114490.	3.6	79
27	Survey of pedestrians' crossing time at non‐signalized mid‐block street crossing. Journal of Advanced Transportation, 2016, 50, 2193-2208.	1.7	6
28	A Cellular Automata (CA) Model for Two-Way Vehicle Flows on Low-Grade Roads Without Hard Separation. IEEE Intelligent Transportation Systems Magazine, 2016, 8, 43-53.	3.8	8
29	A cellular automata (CA) model for motorized vehicle flows influenced by bicycles along the roadside. Journal of Advanced Transportation, 2016, 50, 949-966.	1.7	19
30	A model for the layout of bike stations in public bike‐sharing systems. Journal of Advanced Transportation, 2015, 49, 884-900.	1.7	34
31	Mesoporous nanostructured Co_3O_4 derived from MOF template: a high-performance anode material for lithium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 5585-5591.	10.3	255
32	Cellular automata (CA) simulation of the interaction of vehicle flows and pedestrian crossings on urban low-grade uncontrolled roads. Physica A: Statistical Mechanics and Its Applications, 2015, 432, 43-57.	2.6	19
33	An Optimization Model for the Selection of Bus-Only Lanes in a City. PLoS ONE, 2015, 10, e0133951.	2.5	13
34	Electrospun carbon nanofibers as anode materials for sodium ion batteries with excellent cycle performance. Journal of Materials Chemistry A, 2014, 2, 4117.	10.3	272
35	SGC Tests for Influence of Material Composition on Compaction Characteristic of Asphalt Mixtures. Scientific World Journal, The, 2013, 2013, 1-10.	2.1	0
36	Model for Microcirculation Transportation Network Design. Mathematical Problems in Engineering, 2012, 2012, 1-11.	1.1	0

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37	SNP-induced apoptosis may be mediated with caspase inhibitor by JNK signaling pathways in rabbit articular chondrocytes. Journal of Toxicological Sciences, 2012, 37, 157-167.	1.5	21
38	Bi-level programming model for reconstruction of urban branch road network. Central South University, 2009, 16, 172-176.	0.5	10