

# Qun Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Electrospun carbon nanofibers as anode materials for sodium ion batteries with excellent cycle performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4117.	10.3	272
2	Mesoporous nanostructured $\text{Co}_3\text{O}_4$ derived from MOF template: a high-performance anode material for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5585-5591.	10.3	255
3	Facile synthesis of the Basolite F300-like nanoscale Fe-BTC framework and its lithium storage properties. <i>RSC Advances</i> , 2016, 6, 114483-114490.	3.6	79
4	A model for the layout of bike stations in public bike-sharing systems. <i>Journal of Advanced Transportation</i> , 2015, 49, 884-900.	1.7	34
5	Bike Fleet Allocation Models for Repositioning in Bike-Sharing Systems. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2018, 10, 19-29.	3.8	33
6	Simulation of pedestrian evacuation in stampedes based on a cellular automaton model. <i>Simulation Modelling Practice and Theory</i> , 2020, 104, 102147.	3.8	28
7	Transport-related experiences in China in response to the Coronavirus (COVID-19). <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 8, 100246.	2.7	27
8	Vehicle routing problem of contactless joint distribution service during COVID-19 pandemic. <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 8, 100233.	2.7	25
9	SNP-induced apoptosis may be mediated with caspase inhibitor by JNK signaling pathways in rabbit articular chondrocytes. <i>Journal of Toxicological Sciences</i> , 2012, 37, 157-167.	1.5	21
10	Cellular automata (CA) simulation of the interaction of vehicle flows and pedestrian crossings on urban low-grade uncontrolled roads. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 432, 43-57.	2.6	19
11	A cellular automata (CA) model for motorized vehicle flows influenced by bicycles along the roadside. <i>Journal of Advanced Transportation</i> , 2016, 50, 949-966.	1.7	19
12	Analyzing Factors that Influence Expressway Traffic Crashes Based on Association Rules: Using the Shaoyang-Xinhuang Section of the Shanghai-Kunming Expressway as an Example. <i>Journal of Transportation Engineering Part A: Systems</i> , 2020, 146, .	1.4	17
13	A questionnaire survey on road rage and anger-provoking situations in China. <i>Accident Analysis and Prevention</i> , 2018, 111, 210-221.	5.7	14
14	Simulated interactions of pedestrian crossings and motorized vehicles in residential areas. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 490, 1046-1060.	2.6	13
15	The choice of residential layout in urban China: A comparison of transportation and land use in Changsha (China) and Leeds (UK). <i>Habitat International</i> , 2018, 75, 50-58.	5.8	13
16	An Optimization Model for the Selection of Bus-Only Lanes in a City. <i>PLoS ONE</i> , 2015, 10, e0133951.	2.5	13
17	MnO <sub>2</sub> Nanoparticles and Carbon Nanofibers Nanocomposites with High Sensing Performance Toward Glucose. <i>Journal of Cluster Science</i> , 2018, 29, 1089-1098.	3.3	12
18	Bi-level programming model for reconstruction of urban branch road network. <i>Central South University</i> , 2009, 16, 172-176.	0.5	10

#	ARTICLE	IF	CITATIONS
19	Efficient preparation and formation mechanism of polymer/SiO <sub>2</sub> nanocomposite particles in miniemulsions. <i>Colloid and Polymer Science</i> , 2017, 295, 1223-1232.	2.1	10
20	The generation and development of road rage incidents caused by aberrant overtaking: An analysis of cases in China. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 60, 606-619.	3.7	10
21	Cellular automaton simulation of vehicles in the contraflow left-turn lane at signalised intersections. <i>IET Intelligent Transport Systems</i> , 2019, 13, 1164-1172.	3.0	9
22	Reposition optimization in free-floating bike-sharing system: A case study in Shenzhen City. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 593, 126925.	2.6	9
23	An Algorithm for the Mixed Transportation Network Design Problem. <i>PLoS ONE</i> , 2016, 11, e0162618.	2.5	8
24	A Cellular Automata (CA) Model for Two-Way Vehicle Flows on Low-Grade Roads Without Hard Separation. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2016, 8, 43-53.	3.8	8
25	Survey of pedestrians' crossing time at non-signalized mid-block street crossing. <i>Journal of Advanced Transportation</i> , 2016, 50, 2193-2208.	1.7	6
26	Exploring the impact of signal types and adjacent vehicles on drivers' choices after the onset of yellow. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 500, 222-236.	2.6	6
27	Case study of road rage incidents resulting from the illegal use of high beams. <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 7, 100184.	2.7	4
28	Improving traffic efficiency during yellow lights using connected vehicles. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 578, 126108.	2.6	4
29	Correlation of the epidemic spread of COVID-19 and urban population migration in the major cities of Hubei Province, China. <i>Transportation Safety and Environment</i> , 2021, 3, 21-35.	2.1	4
30	Direct formulation and algorithms for the probit-based stochastic user equilibrium traffic assignment problem. <i>Transportation Planning and Technology</i> , 2017, 40, 757-770.	2.0	3
31	Model for Public Car Park Layout Based on Dynamic Multiperiodic Parking Demands. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2018, 144, 04018031.	1.7	3
32	Flow feasibility condition analysis and design optimization of contraflow left-turn lanes at signalized intersections based on kinematic wave theory. <i>Transportmetrica B</i> , 2021, 9, 746-774.	2.3	3
33	Impacts of vehicle-to-infrastructure communication on traffic flows with mixed connected vehicles and human-driven vehicles. <i>International Journal of Modern Physics B</i> , 2021, 35, 2150091.	2.0	3
34	Analyzing pedestrian-car interweaving in Chinese old urban residential communities. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050299.	2.0	2
35	Dynamic Parking Allocation Model in a Multidestination Multiple Parking Lot System. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2022, 14, 195-208.	3.8	2
36	Survey of the Influence of the Width of Urban Branch Roads on the Meeting of Two-Way Vehicle Flows. <i>PLoS ONE</i> , 2016, 11, e0149188.	2.5	1

#	ARTICLE	IF	CITATIONS
37	Model for Microcirculation Transportation Network Design. Mathematical Problems in Engineering, 2012, 2012, 1-11.	1.1	0
38	SGC Tests for Influence of Material Composition on Compaction Characteristic of Asphalt Mixtures. Scientific World Journal, The, 2013, 2013, 1-10.	2.1	0