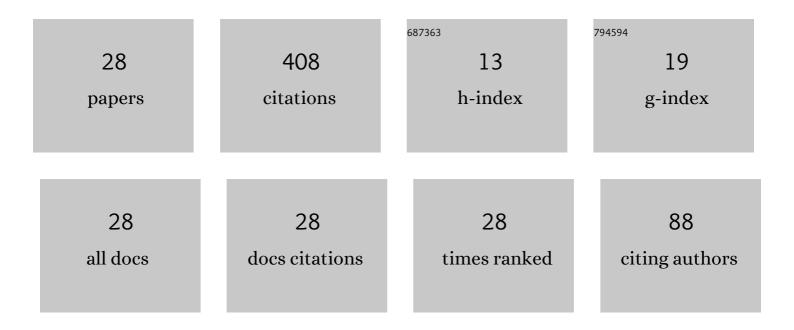
## Zhai Cong

List of Publications by Year in descending order

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7HALCONC

#	Article	IF	CITATIONS
1	A continuum model considering the uncertain velocity of preceding vehicles on gradient highways. Physica A: Statistical Mechanics and Its Applications, 2022, 588, 126561.	2.6	21
2	A modified lattice hydrodynamic model considering the driver's predictive and honk effect. Modern Physics Letters B, 2022, 36, .	1.9	0
3	Analysis of drivers' continuous delay time effect on the lattice hydrodynamic model with the on-ramp. Modern Physics Letters B, 2022, 36, .	1.9	1
4	Modeling bidirectional pedestrian flow with the perceived uncertainty of preceding pedestrian information. Physica A: Statistical Mechanics and Its Applications, 2022, 597, 127205.	2.6	5
5	A macro traffic flow model with headway variation tendency and bounded rationality. Modern Physics Letters B, 2021, 35, 2150054.	1.9	4
6	Designing continuous delay feedback control for lattice hydrodynamic model under cyber-attacks and connected vehicle environment. Communications in Nonlinear Science and Numerical Simulation, 2021, 95, 105667.	3.3	55
7	Macro autonomous traffic flow model with traffic jerk and downstream vehicle information. Engineering Computations, 2021, 38, 4066-4090.	1.4	1
8	A continuous traffic flow model considering predictive headway variation and preceding vehicle's taillight effect. Physica A: Statistical Mechanics and Its Applications, 2021, 584, 126364.	2.6	23
9	Self-delayed feedback car-following control with the velocity uncertainty of preceding vehicles on gradient roads. Nonlinear Dynamics, 2021, 106, 3379-3400.	5.2	30
10	Cooperative Adaptive Cruise Control and exhaust emission evaluation under heterogeneous connected vehicle network environment in urban city. Journal of Environmental Management, 2020, 256, 109975.	7.8	17
11	Modelling seepage flow near the pipe tip. Acta Geotechnica, 2020, 15, 1953-1966.	5.7	5
12	A new lattice hydrodynamic model for bidirectional pedestrian flow with consideration of pedestrians' honk effect. International Journal of Modern Physics C, 2020, 31, 2050031.	1.7	12
13	A continuum model with traffic interruption probability and electronic throttle opening angle effect under connected vehicle environment. European Physical Journal B, 2020, 93, 1.	1.5	17
14	Lattice hydrodynamic modeling with continuous self-delayed traffic flux integral and vehicle overtaking effect. Modern Physics Letters B, 2020, 34, 2050071.	1.9	18
15	A new continuum model with driver's continuous sensory memory and preceding vehicle's taillight. Communications in Theoretical Physics, 2020, 72, 105004.	2.5	13
16	A modified two-dimensional triangular lattice model under honk environment. International Journal of Modern Physics C, 2020, 31, 2050089.	1.7	7
17	Lattice hydrodynamic model-based feedback control method with traffic interruption probability. Modern Physics Letters B, 2019, 33, 1950273.	1.9	16
18	Car-following model based delay feedback control method with the gyroidal road. International Journal of Modern Physics C, 2019, 30, 1950073.	1.7	20

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#	Article	IF	CITATIONS
19	Analytical and experimental investigation of a disturbed zone around a pipe in sand. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	4
20	An extended continuum model with consideration of the self-anticipative effect. Modern Physics Letters B, 2018, 32, 1850382.	1.9	20
21	Analysis of drivers' characteristics on continuum model with traffic jerk effect. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 3381-3392.	2.1	38
22	Stability analysis of two-lane lattice hydrodynamic model considering lane-changing and memorial effects. Modern Physics Letters B, 2018, 32, 1850233.	1.9	20
23	A new car-following model considering driver's characteristics and traffic jerk. Nonlinear Dynamics, 2018, 93, 2185-2199.	5.2	52
24	Feedback control strategy in a car-following model with two delays. , 2016, , .		1
25	Feedback control strategy of a new car-following model based on reducing traffic accident rates. Transportation Planning and Technology, 2016, 39, 801-812.	2.0	8
26	Stability analysis of coupled map car-following model with varying time-delays of drivers. , 2016, , .		0
27	The fault-tolerant control strategy of the Takagi-Sugeno fuzzy car following model with two-delays. , 2016, , .		0
28	Stability analysis of a class of Takagi-Sugeno fuzzy coupled map car following model with time-delays and control saturation. , 2016, , .		0