

# Chunjie Zhai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6596591/publications.pdf>

Version: 2024-02-01

13  
papers

349  
citations

1040056

9  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

242  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Switched Control Strategy of Heterogeneous Vehicle Platoon for Multiple Objectives With State Constraints. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1883-1896.	8.0	71
2	Ecological Cooperative Look-Ahead Control for Automated Vehicles Travelling on Freeways With Varying Slopes. IEEE Transactions on Vehicular Technology, 2019, 68, 1208-1221.	6.3	65
3	Ecological Cooperative Adaptive Cruise Control for a Heterogeneous Platoon of Heavy-Duty Vehicles With Time Delays. IEEE Access, 2020, 8, 146208-146219.	4.2	53
4	A Novel Predictive Energy Management Strategy for Electric Vehicles Based on Velocity Prediction. IEEE Transactions on Vehicular Technology, 2020, 69, 12559-12569.	6.3	41
5	Cooperative Look-Ahead Control of Vehicle Platoon for Maximizing Fuel Efficiency Under System Constraints. IEEE Access, 2018, 6, 37700-37714.	4.2	25
6	Internal Stability and String Stability of Connected Vehicle Systems With Time Delays. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6162-6174.	8.0	21
7	Cooperative Power Split Optimization for a Group of Intelligent Electric Vehicles Travelling on a Highway With Varying Slopes. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4993-5005.	8.0	19
8	Economic Adaptive Cruise Control for Electric Vehicles Based on ADHDP in a Car-Following Scenario. IEEE Access, 2021, 9, 74949-74958.	4.2	16
9	Cooperative look-ahead control of vehicle platoon travelling on a road with varying slopes. IET Intelligent Transport Systems, 2019, 13, 376-384.	3.0	15
10	Obstacle Avoidance Strategy for Quadrotor UAV based on Improved Particle Swarm optimization Algorithm. , 2019, , .		11
11	Consensus of autonomous vehicle platoon with time delays. , 2017, , .		8
12	Adaptive control of isolated intersections based on sequential signal-stage optimisation. Proceedings of the Institution of Civil Engineers: Transport, 2021, 174, 170-181.	0.6	3
13	Autonomous multi-vehicle consensus for high-order systems. , 2017, , .		1