Tao Zhang

List of Publications by Year
in descending order

16 papers	540 citations	759233 12 h-index	1125743 13 g-index
17 all docs	17 docs citations	17 times ranked	404 citing authors

#	Article	IF	Citations
1	An Integrated Longitudinal and Lateral Vehicle Following Control System With Radar and Vehicle-to-Vehicle Communication. IEEE Transactions on Vehicular Technology, 2019, 68, 1116-1127.	6.3	115
2	A Real-Time Nonlinear Model Predictive Controller for Yaw Motion Optimization of Distributed Drive Electric Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 4935-4946.	6.3	106
3	A Computationally Efficient Path-Following Control Strategy of Autonomous Electric Vehicles With Yaw Motion Stabilization. IEEE Transactions on Transportation Electrification, 2020, 6, 728-739.	7.8	90
4	A Supervisory Control Strategy of Distributed Drive Electric Vehicles for Coordinating Handling, Lateral Stability, and Energy Efficiency. IEEE Transactions on Transportation Electrification, 2021, 7, 2488-2504.	7.8	59
5	A fast model predictive control allocation of distributed drive electric vehicles for tire slip energy saving with stability constraints. Control Engineering Practice, 2020, 102, 104554.	5.5	30
6	A Systematic Framework for State of Charge, State of Health and State of Power Co-Estimation of Lithium-Ion Battery in Electric Vehicles. Sustainability, 2021, 13, 5166.	3.2	27
7	Bayesian Network Based State-of-Health Estimation for Battery on Electric Vehicle Application and its Validation Through Real-World Data. IEEE Access, 2021, 9, 11328-11341.	4.2	23
8	Data-Driven Based Cruise Control of Connected and Automated Vehicles Under Cyber-Physical System Framework. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6307-6319.	8.0	20
9	Predictive Eco-Driving Application Considering Real-World Traffic Flow. IEEE Access, 2020, 8, 82187-82200.	4.2	17
10	Green Light Optimal Speed Advisory System Designed for Electric Vehicles Considering Queuing Effect and Driver's Speed Tracking Error. IEEE Access, 2020, 8, 208796-208808.	4.2	17
11	A Cruise Control Method for Connected Vehicle Systems Considering Side Vehicles Merging Behavior. IEEE Access, 2019, 7, 6922-6936.	4.2	16
12	Deep Deterministic Policy Gradient Based Energy Management Strategy for Hybrid Electric Tracked Vehicle With Online Updating Mechanism. IEEE Access, 2021, 9, 7280-7292.	4.2	16
13	Uncertainty-Aware Energy Management Strategy for Hybrid Electric Vehicle Using Hybrid Deep Learning Method. IEEE Access, 2022, 10, 63152-63162.	4.2	4
14	Connected Ecological Cruise Control Strategy Considering Multi-Intersection Traffic Flow. IEEE Access, 2020, 8, 219378-219390.	4.2	0
15	Driving Velocity Tracking Error Analysis of Different Broadcast Methods Under Green Light Optimal Speed Advisory System. Lecture Notes in Electrical Engineering, 2022, , 831-844.	0.4	0
16	Research on Energy-Saving Driving for Transport Vehicles Considering Actual Load. Lecture Notes in Electrical Engineering, 2022, , 509-521.	0.4	0