Tao Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/863266/publications.pdf

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16	540	759233 12	1125743 13
papers	citations	h-index	g-index

17	17	17	404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Research on Energy-Saving Driving for Transport Vehicles Considering Actual Load. Lecture Notes in Electrical Engineering, 2022, , 509-521.	0.4	0
3	Uncertainty-Aware Energy Management Strategy for Hybrid Electric Vehicle Using Hybrid Deep Learning Method. IEEE Access, 2022, 10, 63152-63162.	4.2	4
4	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
5	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
6	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
7	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
8	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
9	Predictive Eco-Driving Application Considering Real-World Traffic Flow. IEEE Access, 2020, 8, 82187-82200.	4.2	17
10	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
11	Green Light Optimal Speed Advisory System Designed for Electric Vehicles Considering Queuing Effect and Driverâ€™s Speed Tracking Error. IEEE Access, 2020, 8, 208796-208808.	4.2	17
12	Connected Ecological Cruise Control Strategy Considering Multi-Intersection Traffic Flow. IEEE Access, 2020, 8, 219378-219390.	4.2	0
13	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
14	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
15	A Cruise Control Method for Connected Vehicle Systems Considering Side Vehicles Merging Behavior. IEEE Access, 2019, 7, 6922-6936.	4.2	16
16	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