

# Yinglong He

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

512  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-step reinforcement learning for model-free predictive energy management of an electrified off-highway vehicle. <i>Applied Energy</i> , 2019, 255, 113755.	10.1	93
2	Multiobjective Co-Optimization of Cooperative Adaptive Cruise Control and Energy Management Strategy for PHEVs. <i>IEEE Transactions on Transportation Electrification</i> , 2020, 6, 346-355.	7.8	59
3	Dual-loop online intelligent programming for driver-oriented predict energy management of plug-in hybrid electric vehicles. <i>Applied Energy</i> , 2019, 253, 113617.	10.1	54
4	Requiem on the positive effects of commercial adaptive cruise control on motorway traffic and recommendations for future automated driving systems. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 130, 103305.	7.6	54
5	Adaptive Cruise Control Strategies Implemented on Experimental Vehicles: A Review. <i>IFAC-PapersOnLine</i> , 2019, 52, 21-27.	0.9	48
6	Heuristic action execution for energy efficient charge-sustaining control of connected hybrid vehicles with model-free double Q-learning. <i>Applied Energy</i> , 2020, 267, 114900.	10.1	37
7	The energy impact of adaptive cruise control in real-world highway multiple-car-following scenarios. <i>European Transport Research Review</i> , 2020, 12, .	4.8	35
8	Multiobjective component sizing of a hybrid ethanol-electric vehicle propulsion system. <i>Applied Energy</i> , 2020, 266, 114843.	10.1	27
9	Driver-Identified Supervisory Control System of Hybrid Electric Vehicles Based on Spectrum-Guided Fuzzy Feature Extraction. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2691-2701.	9.8	26
10	Modified Particle Swarm Optimization With Chaotic Attraction Strategy for Modular Design of Hybrid Powertrains. <i>IEEE Transactions on Transportation Electrification</i> , 2021, 7, 616-625.	7.8	19
11	Physics-augmented models to simulate commercial adaptive cruise control (ACC) systems. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 139, 103692.	7.6	16
12	Multianticipation for string stable Adaptive Cruise Control and increased motorway capacity without vehicle-to-vehicle communication. <i>Transportation Research Part C: Emerging Technologies</i> , 2022, 140, 103687.	7.6	14
13	Introducing Electrified Vehicle Dynamics in Traffic Simulation. <i>Transportation Research Record</i> , 2020, 2674, 776-791.	1.9	11
14	Introducing the Effects of Road Geometry Into Microscopic Traffic Models for Automated Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 13604-13613.	8.0	8
15	Distributed Cooperative Energy Management System of Connected Hybrid Electric Vehicles With Personalized Non-Stationary Inference. <i>IEEE Transactions on Transportation Electrification</i> , 2022, 8, 2996-3007.	7.8	7
16	Occurrence forms of key ash-forming elements in defatted microalgal biomass. <i>Fuel</i> , 2017, 200, 182-185.	6.4	4