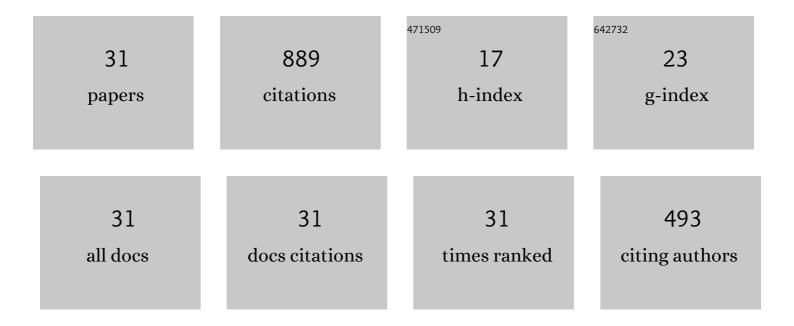
Ningyuan Guo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Real-time predictive energy management of plug-in hybrid electric vehicles for coordination of fuel economy and battery degradation. Energy, 2021, 214, 119070.	8.8	123
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 Hierarchical Energy Management Strategy for Power-Split Plug-in Hybrid Electric Vehicles Considering Velocity Prediction. IEEE Access, 2018, 6, 33261-33274.	4.2	60
5	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
6	Bi-level Energy Management of Plug-in Hybrid Electric Vehicles for Fuel Economy and Battery Lifetime with Intelligent State-of-charge Reference. Journal of Power Sources, 2021, 481, 228798.	7.8	38
7	Heuristic Energy Management Strategy of Hybrid Electric Vehicle Based on Deep Reinforcement Learning With Accelerated Gradient Optimization. IEEE Transactions on Transportation Electrification, 2021, 7, 2194-2208.	7.8	34
8	Energy management for a hybrid electric vehicle based on prioritized deep reinforcement learning framework. Energy, 2022, 241, 122523.	8.8	34
9	Comparisons of Energy Management Methods for a Parallel Plug-In Hybrid Electric Vehicle between the Convex Optimization and Dynamic Programming. Applied Sciences (Switzerland), 2018, 8, 218.	2.5	31
10	Energy management for plug-in hybrid electric vehicles considering optimal engine ON/OFF control and fast state-of-charge trajectory planning. Energy, 2018, 163, 457-474.	8.8	30
11	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
12	Predictive Energy Management of Plug-in Hybrid Electric Vehicles by Real-Time Optimization and Data-Driven Calibration. IEEE Transactions on Vehicular Technology, 2022, 71, 5677-5691.	6.3	30
13	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
14	Cost-optimal energy management strategy for plug-in hybrid electric vehicles with variable horizon speed prediction and adaptive state-of-charge reference. Energy, 2021, 232, 120993.	8.8	27
15	An integrated control strategy of path following and lateral motion stabilization for autonomous distributed drive electric vehicles. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2021, 235, 1164-1179.	1.9	24
16	High robustness energy management strategy of hybrid electric vehicle based on improved soft actor-critic deep reinforcement learning. Energy, 2022, 258, 124806.	8.8	23
17	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
18	Predictive Eco-Driving Application Considering Real-World Traffic Flow. IEEE Access, 2020, 8, 82187-82200.	4.2	17

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#	Article	IF	CITATIONS
19	A Cruise Control Method for Connected Vehicle Systems Considering Side Vehicles Merging Behavior. IEEE Access, 2019, 7, 6922-6936.	4.2	16
20	Co-optimization strategy of unmanned hybrid electric tracked vehicle combining eco-driving and simultaneous energy management. Energy, 2022, 246, 123309.	8.8	16
21	Battery Pack Grouping and Capacity Improvement for Electric Vehicles Based on a Genetic Algorithm. Energies, 2017, 10, 439.	3.1	10
22	An Optimized Rule Based Energy Management Strategy for a Fuel Cell/Battery Vehicle. , 2017, , .		10
23	Study on braking energy recovery efficiency of electric vehicles equipped with super capacitor. , 2017, ,		8
24	Multi-Objective Motion Control Optimization for the Bridge Crane System. Applied Sciences (Switzerland), 2018, 8, 473.	2.5	8
25	Online Updating Energy Management Strategy Based on Deep Reinforcement Learning With Accelerated Training for Hybrid Electric Tracked Vehicles. IEEE Transactions on Transportation Electrification, 2022, 8, 3289-3306.	7.8	6
26	An Integrated Path-following and Yaw Motion Control Strategy for Autonomous Distributed Drive Electric Vehicles with Differential Steering. , 2019, , .		4
27	Energy management for plug-in hybrid electric vehicles based on quadratic programming with optimized engine on-off sequence. , 2017, , .		3
28	Computationally Efficient Nonlinear Model Predictive Controller for Energy Management of Tracked Hybrid Electric Vehicles. , 2019, , .		2
29	A Novel Velocity Forecast Method for Improving Predictive Energy Management of Plug-In Hybrid Electric Vehicles. , 2017, , .		1
30	A novel anti-swing system design using MPC controller with guaranteed constraints. , 2017, , .		1
31	Rule-Based Online Energy Management Strategy for Power-Split Plug-In Hybrid Electric Vehicles. , 2018, , .		1