

# Hongqian Wei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1643114/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Planning integrated energy systems coupling V2G as a flexible storage. Energy, 2022, 239, 122215.	8.8	50
2	A GA-based online real-time optimized energy management strategy for plug-in hybrid electric vehicles. Energy, 2022, 241, 122811.	8.8	39
3	Deep reinforcement learning based direct torque control strategy for distributed drive electric vehicles considering active safety and energy saving performance. Energy, 2022, 238, 121725.	8.8	32
4	A New Diagnostic Algorithm for Multiple IGBTs Open Circuit Faults by the Phase Currents for Power Inverter in Electric Vehicles. Energies, 2018, 11, 1508.	3.1	22
5	High-speed control strategy for permanent magnet synchronous machines in electric vehicles drives: Analysis of dynamic torque response and instantaneous current compensation. Energy Reports, 2020, 6, 2324-2335.	5.1	22
6	Modelling and experimental validation of an EV torque distribution strategy towards active safety and energy efficiency. Energy, 2022, 239, 121953.	8.8	15
7	Design and validation of a battery management system for solar-assisted electric vehicles. Journal of Power Sources, 2021, 513, 230531.	7.8	13
8	Digital Twin Modeling of a Solar Car Based on the Hybrid Model Method with Data-Driven and Mechanistic. Applied Sciences (Switzerland), 2021, 11, 6399.	2.5	11
9	Optimal energy allocation strategy for electric vehicles based on the real-time model predictive control technology. Sustainable Energy Technologies and Assessments, 2022, 50, 101797.	2.7	8
10	Real-time Locally Optimal Schedule for Electric Vehicle Load via Diversity-maximization NSGA-II. Journal of Modern Power Systems and Clean Energy, 2021, 9, 940-950.	5.4	7
11	Deep reinforcement learning based active safety control for distributed drive electric vehicles. IET Intelligent Transport Systems, 0, , .	3.0	4
12	Optimisation of reverse salient rotor for interior permanent magnet synchronous motor and experimental validation. IET Electric Power Applications, 2021, 15, 1547-1563.	1.8	3
13	Optimal design for Flux-intensifying Permanent Magnet Machine Based on Neural Network and Multi-objective optimization. , 2020, , .		1