

# Mingfei Ban

## List of Publications by Year in descending order

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15  
papers

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citations

1040056

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times ranked

502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elimination of Harmonics in a Modular Multilevel Converter Using Particle Swarm Optimization-Based Staircase Modulation Strategy. IEEE Transactions on Industrial Electronics, 2014, 61, 5311-5322.	7.9	95
2	Integration of power-to-hydrogen in day-ahead security-constrained unit commitment with high wind penetration. Journal of Modern Power Systems and Clean Energy, 2017, 5, 337-349.	5.4	79
3	Privacy-Preserving Economic Dispatch for An Active Distribution Network With Multiple Networked Microgrids. IEEE Access, 2018, 6, 38802-38819.	4.2	46
4	A Cyber-Physical Energy Management System for Optimal Sizing and Operation of Networked Nanogrids With Battery Swapping Stations. IEEE Transactions on Sustainable Energy, 2019, 10, 491-502.	8.8	39
5	Battery Swapping: An aggressive approach to transportation electrification. IEEE Electrification Magazine, 2019, 7, 44-54.	1.8	33
6	Optimal sizing of PV and battery-based energy storage in an off-grid nanogrid supplying batteries to a battery swapping station. Journal of Modern Power Systems and Clean Energy, 2019, 7, 309-320.	5.4	32
7	Electric Vehicle Battery Swapping-Charging System in Power Generation Scheduling for Managing Ambient Air Quality and Human Health Conditions. IEEE Transactions on Smart Grid, 2019, 10, 6812-6825.	9.0	31
8	Optimal scheduling for electric vehicle battery swapping-charging system based on nanogrids. International Journal of Electrical Power and Energy Systems, 2021, 130, 106967.	5.5	31
9	Optimal Scheduling for Integrated Energy-Mobility Systems Based on Renewable-to-Hydrogen Stations and Tank Truck Fleets. IEEE Transactions on Industry Applications, 2022, 58, 2666-2676.	4.9	24
10	Security-Constrained Unit Commitment Considering Differentiated Regional Air Pollutant Intensity. Sustainability, 2018, 10, 1433.	3.2	6
11	Considering the Differentiating Health Impacts of Fuel Emissions in Optimal Generation Scheduling. IEEE Transactions on Sustainable Energy, 2020, 11, 15-26.	8.8	6
12	A distribution market based game-theoretical model for the coordinated operation of multiple microgrids in active distribution networks. International Transactions on Electrical Energy Systems, 2020, 30, e12291.	1.9	6
13	Day-Ahead Scheduling of Thermal Generation under Air Quality Ecological Compensation System Considering Wind Power Uncertainty. , 2018, , .		0
14	Joint optimal scheduling for EV-UAV system serving post-disaster rescue. , 2021, , .		0
15	Flexibility System for Heilongjiang Power Grid Considering Carbon Reduction Targets. Frontiers in Energy Research, 0, 10, .	2.3	0