

Siyuan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

156
citations

1307594

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1372567

10
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12
all docs

12
docs citations

12
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Co-Planning of Energy Storage and Transmission Line With Mixed Integer Recourse. IEEE Transactions on Power Systems, 2019, 34, 4728-4738.	6.5	70
2	Distributionally Robust Unit Commitment With Flexible Generation Resources Considering Renewable Energy Uncertainty. IEEE Transactions on Power Systems, 2022, 37, 4179-4190.	6.5	20
3	Modeling State Transition and Head-Dependent Efficiency Curve for Pumped Storage Hydro in Look-Ahead Dispatch. IEEE Transactions on Power Systems, 2021, 36, 5396-5407.	6.5	14
4	Joint Planning of Electricity Transmission and Hydrogen Transportation Networks. IEEE Transactions on Industry Applications, 2022, 58, 2887-2897.	4.9	14
5	Operational Bottleneck Identification Based Energy Storage Investment Requirement Analysis for Renewable Energy Integration. IEEE Transactions on Sustainable Energy, 2021, 12, 92-102.	8.8	12
6	Developing Robust Bidding Strategy for Virtual Bidders in Day-Ahead Electricity Markets. IEEE Open Access Journal of Power and Energy, 2021, 8, 329-340.	3.4	10
7	Economic dispatch for electricity merchant with energy storage and wind plant: State of charge based decision making considering market impact and uncertainties. Journal of Energy Storage, 2022, 53, 104816.	8.1	9
8	Generation Expansion Planning Considering Discrete Storage Model and Renewable Energy Uncertainty: A Bi-Interval Optimization Approach. IEEE Transactions on Industrial Informatics, 2023, 19, 2973-2983.	11.3	3
9	Impact of Time-Coupled Generator Formulation on Energy Storage Sizing Problem. , 2018, , .		2
10	Approximating Input-Output Curve of Pumped Storage Hydro Plant: A Disjunctive Convex Hull Method. IEEE Transactions on Power Systems, 2023, 38, 63-74.	6.5	1
11	Optimal Offering Strategy of GenCo With Joint Participation in FTR Auction and Day-Ahead Market Considering Virtual Bidding. IEEE Transactions on Power Systems, 2023, 38, 2247-2260.	6.5	1
12	Optimal Allocation of Long-Time-Scale Ramp Requirement with High Wind Penetration. , 2018, , .		0