

Kate Doubleday

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

381
citations

1163117

8
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability and control of power systems with high penetrations of inverter-based resources: An accessible review of current knowledge and open questions. <i>Solar Energy</i> , 2020, 210, 149-168.	6.1	55
2	High-performance large air-gap capacitive wireless power transfer system for electric vehicle charging. , 2017, , .		53
3	High-power-transfer-density capacitive wireless power transfer system for electric vehicle charging. , 2017, , .		52
4	Probabilistic Solar Power Forecasting Using Bayesian Model Averaging. <i>IEEE Transactions on Sustainable Energy</i> , 2021, 12, 325-337.	8.8	45
5	A review of power system planning and operational models for flexibility assessment in high solar energy penetration scenarios. <i>Solar Energy</i> , 2020, 210, 169-180.	6.1	44
6	Benchmark probabilistic solar forecasts: Characteristics and recommendations. <i>Solar Energy</i> , 2020, 206, 52-67.	6.1	31
7	Multi-objective optimization of capacitive wireless power transfer systems for electric vehicle charging. , 2017, , .		21
8	A review of behind-the-meter solar forecasting. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 160, 112224.	16.4	21
9	Recovery of inter-row shading losses using differential power-processing submodule DC-DC converters. <i>Solar Energy</i> , 2016, 135, 512-517.	6.1	13
10	An opportunistic wireless charging system design for an on-demand shuttle service. , 2016, , .		11
11	Toward a subhourly net zero energy district design through integrated building and distribution system modeling. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, .	2.0	11
12	Integrated distribution system and urban district planning with high renewable penetrations. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2019, 8, e339.	4.1	11
13	A Multi-Stage Stochastic Risk Assessment With Markovian Representation of Renewable Power. <i>IEEE Transactions on Sustainable Energy</i> , 2022, 13, 414-426.	8.8	6
14	Investigation of stochastic unit commitment to enable advanced flexibility measures for high shares of solar PV. <i>Applied Energy</i> , 2022, 321, 119337.	10.1	4
15	A Data-driven Method for Adaptive Reserve Requirement Estimation via Probabilistic Net Load Forecasting. , 2020, , .		3