Kate Doubleday

List of Publications by Year
in descending order

15	381	1163117 8	1372567 10
papers	citations	h-index	g-index

15	15	15	322
all docs	docs citations	times ranked	citing authors

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