

Jon Olauson

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

946
citations

840776

11
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of Ethiopian Wind Power Production Using ERA5 Reanalysis Data. <i>Energies</i> , 2021, 14, 2573.	3.1	18
2	Creating Power System Network Layouts: A Fast Parallel Algorithm. <i>IEEE Systems Journal</i> , 2020, 14, 3687-3694.	4.6	3
3	Curtailment analysis for the Nordic power system considering transmission capacity, inertia limits and generation flexibility. <i>Renewable Energy</i> , 2020, 152, 942-960.	8.9	33
4	Wind resource assessment and economic analysis for electricity generation in three locations of the Republic of Djibouti. <i>Energy</i> , 2019, 185, 884-894.	8.8	31
5	Can electricity market prices control power-to-heat production for peak shaving of renewable power generation? The case of Sweden. <i>Energy</i> , 2019, 176, 1-14.	8.8	20
6	Exploring wind power prognosis data on Nord Pool: the case of Sweden and Denmark. <i>IET Renewable Power Generation</i> , 2019, 13, 690-702.	3.1	5
7	ERA5: The new champion of wind power modelling?. <i>Renewable Energy</i> , 2018, 126, 322-331.	8.9	305
8	Wind turbine performance decline in Sweden. <i>Wind Energy</i> , 2017, 20, 2049-2053.	4.2	39
9	Simulating intra-hourly wind power fluctuations on a power system level. <i>Wind Energy</i> , 2017, 20, 973-985.	4.2	7
10	A New Approach to Obtain Synthetic Wind Power Forecasts for Integration Studies. <i>Energies</i> , 2016, 9, 800.	3.1	6
11	Correlation between wind power generation in the European countries. <i>Energy</i> , 2016, 114, 663-670.	8.8	27
12	Net load variability in Nordic countries with a highly or fully renewable power system. <i>Nature Energy</i> , 2016, 1, .	39.5	92
13	Restoring the missing high-frequency fluctuations in a wind power model based on reanalysis data. <i>Renewable Energy</i> , 2016, 96, 784-791.	8.9	13
14	Using the MIUU Model for Prediction of Mean Wind Speed at Low Height. <i>Wind Engineering</i> , 2015, 39, 507-517.	1.9	1
15	Variability assessment and forecasting of renewables: A review for solar, wind, wave and tidal resources. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 44, 356-375.	16.4	233
16	Wind energy converters and photovoltaics for generation of electricity after natural disasters. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2015, 97, 9-23.	1.5	3
17	Modelling the Swedish wind power production using MERRA reanalysis data. <i>Renewable Energy</i> , 2015, 76, 717-725.	8.9	110