Jon Olauson

List of Publications by Year
in descending order

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