

Kiti Suomalainen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1847373/publications.pdf>

Version: 2024-02-01

11
papers

238
citations

1162889

8
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Rooftop solar potential based on LiDAR data: Bottom-up assessment at neighbourhood level. Renewable Energy, 2017, 111, 463-475.	4.3	55
2	Correlation analysis on wind and hydro resources with electricity demand and prices in New Zealand. Applied Energy, 2015, 137, 445-462.	5.1	46
3	Synthetic wind speed scenarios including diurnal effects: Implications for wind power dimensioning. Energy, 2012, 37, 41-50.	4.5	33
4	A minimal simulation of the electricity demand of a domestic hot water cylinder for smart control. Applied Energy, 2018, 211, 104-112.	5.1	27
5	Wind power design in isolated energy systems: Impacts of daily wind patterns. Applied Energy, 2013, 101, 533-540.	5.1	19
6	Impact of wind-hydro dynamics on electricity price: A seasonal spatial econometric analysis. Energy, 2022, 238, 122076.	4.5	16
7	Detailed comparison of energy-related time-use diaries and monitored residential electricity demand. Energy and Buildings, 2019, 183, 418-427.	3.1	13
8	Sizing domestic batteries for load smoothing and peak shaving based on real-world demand data. Energy and Buildings, 2021, 247, 111109.	3.1	13
9	Electricity sector transformation in New Zealand: A sustainability assessment approach. Journal of Renewable and Sustainable Energy, 2016, 8, 035902.	0.8	8
10	Climate change impact on the cost of decarbonisation in a hydro-based power system. Energy, 2022, 246, 123369.	4.5	7
11	A method for including daily patterns to synthetic wind speed data for energy systems planning: Validation in the Azores Islands. Journal of Renewable and Sustainable Energy, 2012, 4, 023102.	0.8	1