

Matthias Fripp

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5572604/publications.pdf>

Version: 2024-02-01

14
papers

569
citations

1040056

9
h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic optimization of comfort-centered model of electrical water heater using mixed integer linear programming. Sustainable Energy Technologies and Assessments, 2020, 42, 100834.	2.7	8
2	Switch 2.0: A modern platform for planning high-renewable power systems. SoftwareX, 2019, 10, 100251.	2.6	57
3	Multi-Objective Control of Air Conditioning Improves Cost, Comfort and System Energy Balance. Energies, 2018, 11, 2373.	3.1	10
4	Intercomparison between Switch 2.0 and GE MAPS models for simulation of high-renewable power systems in Hawaii. Energy, Sustainability and Society, 2018, 8, .	3.8	3
5	Unbalanced Current Sharing Control in Islanded Low Voltage Microgrids. Energies, 2018, 11, 2776.	3.1	22
6	Parametric methods for probabilistic forecasting of solar irradiance. Renewable Energy, 2018, 129, 666-676.	8.9	32
7	Multitier decentralized control scheme using energy storage unit and load management in inverter-based AC microgrids. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 735-751.	1.4	1
8	Online and batch methods for solar radiation forecast under asymmetric cost functions. Renewable Energy, 2016, 91, 397-408.	8.9	9
9	Online solar radiation forecasting under asymmetric cost functions. , 2014, , .		1
10	Switch: A Planning Tool for Power Systems with Large Shares of Intermittent Renewable Energy. Environmental Science & Technology, 2012, 46, 6371-6378.	10.0	110
11	A life cycle assessment of biodiesel derived from the "niche filling" energy crop camelina in the USA. Applied Energy, 2012, 92, 92-98.	10.1	77
12	High-resolution modeling of the western North American power system demonstrates low-cost and low-carbon futures. Energy Policy, 2012, 43, 436-447.	8.8	144
13	Greenhouse Gas Emissions from Operating Reserves Used to Backup Large-Scale Wind Power. Environmental Science & Technology, 2011, 45, 9405-9412.	10.0	23
14	Trading away damage: Quantifying environmental leakage through consumption-based, life-cycle analysis. Ecological Economics, 2007, 63, 563-577.	5.7	70