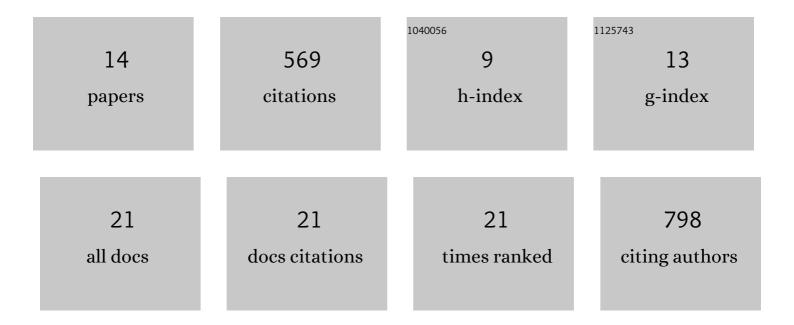
Matthias Fripp

List of Publications by Year in descending order

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Μλττμιλς Ερίδο

#	Article	IF	CITATIONS
1	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
2	Switch: A Planning Tool for Power Systems with Large Shares of Intermittent Renewable Energy. Environmental Science & Technology, 2012, 46, 6371-6378.	10.0	110
3	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
4	Trading away damage: Quantifying environmental leakage through consumption-based, life-cycle analysis. Ecological Economics, 2007, 63, 563-577.	5.7	70
5	Switch 2.0: A modern platform for planning high-renewable power systems. SoftwareX, 2019, 10, 100251.	2.6	57
6	Parametric methods for probabilistic forecasting of solar irradiance. Renewable Energy, 2018, 129, 666-676.	8.9	32
7	Greenhouse Gas Emissions from Operating Reserves Used to Backup Large-Scale Wind Power. Environmental Science & Technology, 2011, 45, 9405-9412.	10.0	23
8	Unbalanced Current Sharing Control in Islanded Low Voltage Microgrids. Energies, 2018, 11, 2776.	3.1	22
9	Multi-Objective Control of Air Conditioning Improves Cost, Comfort and System Energy Balance. Energies, 2018, 11, 2373.	3.1	10
10	Online and batch methods for solar radiation forecast under asymmetric cost functions. Renewable Energy, 2016, 91, 397-408.	8.9	9
11	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
12	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
13	Online solar radiation forecasting under asymmetrie cost functions. , 2014, , .		1
14	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