Simon Hilpert

List of Publications by Year
in descending order

12	486	1040056 9	1199594 12
papers	citations	h-index	g-index

16	16	16	585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Opening the black box of energy modelling: Strategies and lessons learned. Energy Strategy Reviews, 2018, 19, 63-71.	7.3	168
2	The Open Energy Modelling Framework (oemof) - A new approach to facilitate open science in energy system modelling. Energy Strategy Reviews, 2018, 22, 16-25.	7.3	147
3	oemof.solphâ€"A model generator for linear and mixed-integer linear optimisation of energy systems. Software Impacts, 2020, 6, 100028.	1.4	38
4	A qualitative evaluation approach for energy system modelling frameworks. Energy, Sustainability and Society, 2018, 8, .	3.8	30
5	Why renewables and energy efficiency are not enough - the relevance of sufficiency in the heating sector for limiting global warming to 1.5 Â°C.. Technological Forecasting and Social Change, 2022, 175, 121313.	11.6	19
6	Waterâ€"Energy Nexus: Addressing Stakeholder Preferences in Jordan. Sustainability, 2020, 12, 6168.	3.2	16
7	Integration of Flow Temperatures in Unit Commitment Models of Future District Heating Systems. Energies, 2019, 12, 1061.	3.1	13
8	Analysis of Cost-Optimal Renewable Energy Expansion for the Near-Term Jordanian Electricity System. Sustainability, 2020, 12, 9339.	3.2	12
9	Effects of Decentral Heat Pump Operation on Electricity Storage Requirements in Germany. Energies, 2020, 13, 2878.	3.1	9
10	Evaluating the usability of open source frameworks in energy system modelling. Renewable and Sustainable Energy Reviews, 2022, 159, 112174.	16.4	6
11	Open source modelling of scenarios for a 100% renewable energy system in Barbados incorporating shore-to-ship power and electric vehicles. Energy for Sustainable Development, 2022, 68, 120-130.	4.5	5
12	<i>oemof.tabular</i> â€“ Introducing Data Packages for Reproducible Workflows in Energy System Modeling. Journal of Open Research Software, 2021, 9, 6.	5.9	3