Elias Hartvigsson

List of Publications by Year
in descending order

12 papers	364 citations	1307594 7 h-index	1372567 10 g-index
12 all docs	12 docs citations	12 times ranked	333 citing authors

#	Article	IF	Citations
1	Electricity access and rural development: Review of complex socio-economic dynamics and causal diagrams for more appropriate energy modelling. Energy for Sustainable Development, 2018, 43, 203-223.	4.5	140
2	Comparison of load profiles in a mini-grid: Assessment of performance metrics using measured and interview-based data. Energy for Sustainable Development, 2018, 43, 186-195.	4.5	64
3	The impact of ancillary services in optimal DER investment decisions. Energy, 2017, 130, 99-112.	8.8	33
4	Rural electrification and capacity expansion with an integrated modeling approach. Renewable Energy, 2018, 115, 509-520.	8.9	33
5	Linking household and productive use of electricity with mini-grid dimensioning and operation. Energy for Sustainable Development, 2021, 60, 82-89.	4.5	32
6	Estimating national and local low-voltage grid capacity for residential solar photovoltaic in Sweden, UK and Germany. Renewable Energy, 2021, 171, 915-926.	8.9	26
7	Approach for flexible and adaptive distribution and transformation design in rural electrification and its implications. Energy for Sustainable Development, 2020, 54, 101-110.	4.5	14
8	Tackling complexity and problem formulation in rural electrification through conceptual modelling in system dynamics. Systems Research and Behavioral Science, 2020, 37, 141-153.	1.6	8
9	Generating low-voltage grid proxies in order to estimate grid capacity for residential end-use technologies: The case of residential solar PV. MethodsX, 2021, 8, 101431.	1.6	5
10	Dataset for generating synthetic residential low-voltage grids in Sweden, Germany and the UK. Data in Brief, 2021, 36, 107005.	1.0	4
11	Improving load factors as a smart management approach - a developing country mini-grid case study. , 2021, , .		3
12	Flexible distribution design in microgrids for dynamic power demand in low-income communities. , 2016, , .		2