

# Elias Hartvigsson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/122543/publications.pdf>

Version: 2024-02-01

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