

# Lingxi Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7805886/publications.pdf>

Version: 2024-02-01

13  
papers

355  
citations

1478280

6  
h-index

1872570

6  
g-index

13  
all docs

13  
docs citations

13  
times ranked

433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Building-to-grid flexibility: Modelling and assessment metrics for residential demand response from heat pump aggregations. Applied Energy, 2019, 233-234, 709-723.	5.1	79
2	A multi-disciplinary analysis of UK grid mix scenarios with large-scale PV deployment. Energy Policy, 2018, 114, 51-62.	4.2	21
3	Exploiting electric heat pump flexibility for renewable generation matching. , 2017, , .		4
4	System level assessment of PV and energy storage: Application to the Great Britain power system. , 2017, , .		2
5	The role of power-to-transport via hydrogen and natural gas vehicles in decarbonising the power and transportation sector. , 2017, , .		5
6	System-Level Operational and Adequacy Impact Assessment of Photovoltaic and Distributed Energy Storage, with Consideration of Inertial Constraints, Dynamic Reserve and Interconnection Flexibility. Energies, 2017, 10, 989.	1.6	14
7	Techno-economic and business case assessment of low carbon technologies in distributed multi-energy systems. Applied Energy, 2016, 167, 158-172.	5.1	54
8	Exploring flexibility of aggregated residential electric heat pumps. , 2016, , .		4
9	Unified Unit Commitment Formulation and Fast Multi-Service LP Model for Flexibility Evaluation in Sustainable Power Systems. IEEE Transactions on Sustainable Energy, 2016, 7, 658-671.	5.9	50
10	EHP in low voltage networks: Understanding the effects of heat emitters and room temperatures. , 2015, , .		2
11	High resolution modelling of multi-energy domestic demand profiles. Applied Energy, 2015, 137, 193-210.	5.1	97
12	Modelling of household electro-thermal technologies for demand response applications. , 2014, , .		10
13	Physical modeling of electro-thermal domestic heating systems with quantification of economic and environmental costs. , 2013, , .		13