

David Infield

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10618338/publications.pdf>

Version: 2024-02-01

16
papers

2,530
citations

623574

14
h-index

1058333

14
g-index

17
all docs

17
docs citations

17
times ranked

2236
citing authors

#	ARTICLE	IF	CITATIONS
1	Domestic electricity use: A high-resolution energy demand model. Energy and Buildings, 2010, 42, 1878-1887.	3.1	774
2	A high-resolution domestic building occupancy model for energy demand simulations. Energy and Buildings, 2008, 40, 1560-1566.	3.1	419
3	Modeling the Benefits of Vehicle-to-Grid Technology to a Power System. IEEE Transactions on Power Systems, 2012, 27, 1012-1020.	4.6	235
4	A photovoltaic-powered seawater reverse-osmosis system without batteries. Desalination, 2003, 153, 1-8.	4.0	158
5	Domestic lighting: A high-resolution energy demand model. Energy and Buildings, 2009, 41, 781-789.	3.1	149
6	Thermal modelling of a building with an integrated ventilated PV facade. Energy and Buildings, 2003, 35, 605-617.	3.1	138
7	A wind-powered seawater reverse-osmosis system without batteries. Desalination, 2003, 153, 9-16.	4.0	125
8	Thermal performance estimation for ventilated PV facades. Solar Energy, 2004, 76, 93-98.	2.9	102
9	Markov Chain Monte Carlo simulation of electric vehicle use for network integration studies. International Journal of Electrical Power and Energy Systems, 2018, 99, 85-94.	3.3	93
10	A small-scale seawater reverse-osmosis system with excellent energy efficiency over a wide operating range. Desalination, 2003, 153, 229-236.	4.0	83
11	Laboratory demonstration of a photovoltaic-powered seawater reverse-osmosis system without batteries. Desalination, 2005, 183, 105-111.	4.0	81
12	Cooling potential of ventilated PV facade and solar air heaters combined with a desiccant cooling machine. Renewable Energy, 2006, 31, 1265-1278.	4.3	59
13	A simplified approach to thermal performance calculation for building integrated mechanically ventilated PV facades. Building and Environment, 2006, 41, 893-901.	3.0	37
14	Performance analysis of a small wind powered reverse osmosis plant. Solar Energy, 1997, 61, 415-421.	2.9	26
15	A modelling framework for the study of highly distributed power systems and demand side management. , 2009, , .		9
16	Using Electric Vehicle Fleet as Responsive Demand for Power System Frequency Support. , 2013, , .		5