

David Infield

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

2,018
citations

15
h-index

17
g-index

17
ext. papers

2,284
ext. citations

7.7
avg, IF

4.89
L-index

#	Paper	IF	Citations
16	Markov Chain Monte Carlo simulation of electric vehicle use for network integration studies. <i>International Journal of Electrical Power and Energy Systems</i> , 2018 , 99, 85-94	5.1	60
15	Using Electric Vehicle Fleet as Responsive Demand for Power System Frequency Support 2013 ,		4
14	Modeling the Benefits of Vehicle-to-Grid Technology to a Power System. <i>IEEE Transactions on Power Systems</i> , 2012 , 27, 1012-1020	7	174
13	Domestic electricity use: A high-resolution energy demand model. <i>Energy and Buildings</i> , 2010 , 42, 1878-1887	10.3	619
12	A modelling framework for the study of highly distributed power systems and demand side management 2009 ,		6
11	Domestic lighting: A high-resolution energy demand model. <i>Energy and Buildings</i> , 2009 , 41, 781-789	7	120
10	A high-resolution domestic building occupancy model for energy demand simulations. <i>Energy and Buildings</i> , 2008 , 40, 1560-1566	7	340
9	Cooling potential of ventilated PV faade and solar air heaters combined with a desiccant cooling machine. <i>Renewable Energy</i> , 2006 , 31, 1265-1278	8.1	52
8	A simplified approach to thermal performance calculation for building integrated mechanically ventilated PV facades. <i>Building and Environment</i> , 2006 , 41, 893-901	6.5	31
7	Laboratory demonstration of a photovoltaic-powered seawater reverse-osmosis system without batteries. <i>Desalination</i> , 2005 , 183, 105-111	10.3	66
6	Thermal performance estimation for ventilated PV facades. <i>Solar Energy</i> , 2004 , 76, 93-98	6.8	87
5	A wind-powered seawater reverse-osmosis system without batteries. <i>Desalination</i> , 2003 , 153, 9-16	10.3	95
4	A small-scale seawater reverse-osmosis system with excellent energy efficiency over a wide operating range. <i>Desalination</i> , 2003 , 153, 229-236	10.3	68
3	A photovoltaic-powered seawater reverse-osmosis system without batteries. <i>Desalination</i> , 2003 , 153, 1-8	10.3	128
2	Thermal modelling of a building with an integrated ventilated PV faade. <i>Energy and Buildings</i> , 2003 , 35, 605-617	7	121
1	Performance analysis of a small wind powered reverse osmosis plant. <i>Solar Energy</i> , 1997 , 61, 415-421	6.8	18