David Infield

List of Publications by Citations

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