

Nicholas Deforest

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.

11
papers

713
citations

11
h-index

11
g-index

11
ext. papers

831
ext. citations

8.5
avg, IF

4.05
L-index

#	Paper	IF	Citations
11	Value streams in microgrids: A literature review. <i>Applied Energy</i> , 2016 , 162, 980-989	10.7	140
10	Modeling of thermal storage systems in MILP distributed energy resource models. <i>Applied Energy</i> , 2015 , 137, 782-792	10.7	98
9	United States energy and CO2 savings potential from deployment of near-infrared electrochromic window glazings. <i>Building and Environment</i> , 2015 , 89, 107-117	6.5	97
8	Regional performance targets for transparent near-infrared switching electrochromic window glazings. <i>Building and Environment</i> , 2013 , 61, 160-168	6.5	77
7	A comparative energy analysis of three electrochromic glazing technologies in commercial and residential buildings. <i>Applied Energy</i> , 2017 , 192, 95-109	10.7	72
6	Day ahead optimization of an electric vehicle fleet providing ancillary services in the Los Angeles Air Force Base vehicle-to-grid demonstration. <i>Applied Energy</i> , 2018 , 210, 987-1001	10.7	66
5	Battery aging in multi-energy microgrid design using mixed integer linear programming. <i>Applied Energy</i> , 2018 , 231, 1059-1069	10.7	52
4	Optimal deployment of thermal energy storage under diverse economic and climate conditions. <i>Applied Energy</i> , 2014 , 119, 488-496	10.7	40
3	U.S. energy savings potential from dynamic daylighting control glazings. <i>Energy and Buildings</i> , 2013 , 66, 415-423	7	39
2	Applications of optimal building energy system selection and operation. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2013 , 227, 82-93	1.6	18
1	A green prison: The Santa Rita Jail campus microgrid 2012 ,		14