

# Richard E Brown

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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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.

26

papers

708

citations

16

h-index

26

g-index

31

ext. papers

870

ext. citations

6.4

avg, IF

3.75

L-index

#	Paper	IF	Citations
26	Adoption Pathways for DC Power Distribution in Buildings. <i>Energies</i> , <b>2022</b> , 15, 786	3.1	1
25	Energy and power quality measurement for electrical distribution in AC and DC microgrid buildings. <i>Applied Energy</i> , <b>2022</b> , 308, 118308	10.7	3
24	A Comprehensive Loss Model and Comparison of AC and DC Boost Converters. <i>Energies</i> , <b>2021</b> , 14, 3131	3.1	2
23	Solar+ Optimizer: A Model Predictive Control Optimization Platform for Grid Responsive Building Microgrids. <i>Energies</i> , <b>2020</b> , 13, 3093	3.1	3
22	Energy-saving opportunities of direct-DC loads in buildings. <i>Applied Energy</i> , <b>2019</b> , 248, 274-287	10.7	22
21	A review of advances for thermal and visual comfort controls in personal environmental control (PEC) systems. <i>Intelligent Buildings International</i> , <b>2019</b> , 11, 75-104	1.7	21
20	A simulation-based efficiency comparison of AC and DC power distribution networks in commercial buildings. <i>Applied Energy</i> , <b>2018</b> , 210, 1167-1187	10.7	67
19	Techno-economic analysis of DC power distribution in commercial buildings. <i>Applied Energy</i> , <b>2018</b> , 230, 663-678	10.7	27
18	Methods for detailed energy data collection of miscellaneous and electronic loads in a commercial office building. <i>Building and Environment</i> , <b>2013</b> , 65, 170-177	6.5	27
17	Evaluation of miscellaneous and electronic device energy use in hospitals. <i>World Review of Science, Technology and Sustainable Development</i> , <b>2013</b> , 10, 113	1	2
16	Data network equipment energy use and savings potential in buildings. <i>Energy Efficiency</i> , <b>2012</b> , 5, 149-162		33
15	@scale <b>2012</b> ,		29
14	Estimating the Energy Use and Efficiency Potential of U.S. Data Centers. <i>Proceedings of the IEEE</i> , <b>2011</b> , 99, 1440-1453	14.3	51
13	Energy savings assessment for digital-to-analog converter boxes. <i>Energy Policy</i> , <b>2011</b> , 39, 1312-1317	7.2	1
12	Defining a standard metric for electricity savings. <i>Environmental Research Letters</i> , <b>2010</b> , 5, 014017	6.2	8
11	Assessment of supply chain energy efficiency potentials: A U.S. case study <b>2009</b> ,		1
10	Savings estimates for the United States Environmental Protection Agency's ENERGY STAR voluntary product labeling program. <i>Energy Policy</i> , <b>2008</b> , 36, 2098-2108	7.2	65

9	After-hours power status of office equipment in the USA. <i>Energy</i> , <b>2006</b> , 31, 2823-2838	7.9	89
8	Power management in networked devices. <i>Computer</i> , <b>2004</b> , 37, 91-93	1.6	28
7	Electricity use in California: past trends and present usage patterns. <i>Energy Policy</i> , <b>2003</b> , 31, 849-864	7.2	41
6	Electricity used by office equipment and network equipment in the US. <i>Energy</i> , <b>2002</b> , 27, 255-269	7.9	38
5	Status and future directions of the Energy Star program. <i>Energy</i> , <b>2002</b> , 27, 505-520	7.9	41
4	Sorry, Wrong Number: The Use and Misuse of Numerical Facts in Analysis and Media Reporting of Energy Issues. <i>Annual Review of Environment and Resources</i> , <b>2002</b> , 27, 119-158		13
3	Savings estimates for the Energy Star <sup>®</sup> voluntary labeling program. <i>Energy Policy</i> , <b>2000</b> , 28, 1137-1149	7.2	42
2	Electricity used by office equipment and network equipment in the U.S.: Detailed report and appendices		36
1	Energy Use and Power Levels in New Monitors and Personal Computers		14