

# Dane Christensen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4568784/publications.pdf>

Version: 2024-02-01

23  
papers

745  
citations

933447

10  
h-index

940533

16  
g-index

31  
all docs

31  
docs citations

31  
times ranked

915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Foresee: A user-centric home energy management system for energy efficiency and demand response. Applied Energy, 2017, 205, 1583-1595.	10.1	140
2	Local synthesis of silicon nanowires and carbon nanotubes on microbridges. Applied Physics Letters, 2003, 82, 4797-4799.	3.3	136
3	Electric-Field Assisted Growth and Self-Assembly of Intrinsic Silicon Nanowires. Nano Letters, 2005, 5, 705-708.	9.1	109
4	Electric Energy Management in the Smart Home: Perspectives on Enabling Technologies and Consumer Behavior. Proceedings of the IEEE, 2013, 101, 2397-2408.	21.3	93
5	Formation and characterization of silicon/carbon nanotube/silicon heterojunctions by local synthesis and assembly. Applied Physics Letters, 2006, 89, 163510.	3.3	41
6	Modeling stationary lithium-ion batteries for optimization and predictive control. , 2017, , .		30
7	Convex Relaxation of Grid-Connected Energy Storage System Models With Complementarity Constraints in DC OPF. IEEE Transactions on Smart Grid, 2020, 11, 4070-4079.	9.0	25
8	Stochastic Model Predictive Control for Demand Response in a Home Energy Management System. , 2018, , .		24
9	Using EnergyPlus to perform dehumidification analysis on Building America homes. HVAC and R Research, 2011, 17, 268-283.	0.6	19
10	An application of the Analytic Hierarchy Process for prioritizing user preferences in the design of a Home Energy Management System. Sustainable Energy, Grids and Networks, 2018, 16, 196-206.	3.9	19
11	User-preference-driven model predictive control of residential building loads and battery storage for demand response. , 2017, , .		14
12	Post-processing techniques for locally self-assembled silicon nanowires. Sensors and Actuators A: Physical, 2007, 135, 10-15.	4.1	13
13	Micro vertical comb actuators by selective stiction process. Sensors and Actuators A: Physical, 2006, 127, 248-254.	4.1	11
14	Risk Assessment at the Edge: Applying NERC CIP to Aggregated Grid-Edge Resources. Electricity Journal, 2019, 32, 50-57.	2.5	9
15	The integration of nanowires and nanotubes with microstructures. International Journal of Materials and Product Technology, 2009, 34, 77.	0.2	8
16	Co-simulation of transactive energy markets: A framework for market testing and evaluation. International Journal of Electrical Power and Energy Systems, 2021, 128, 106664.	5.5	8
17	Dirty dishes or dirty laundry? Comparing two methods for quantifying American consumers' preferences for load management in a smart home. Energy Research and Social Science, 2021, 71, 101781.	6.4	8
18	Frequency Regulation Services from Connected Residential Devices. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
19	Stochastic Home Energy Management Systems with Varying Controllable Resources. , 2019, , .		6
20	Technoeconomic Design of a Geothermal-Enabled Cold Climate Zero Energy Community. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	5
21	Bulk Electric Power System Risks From Coordinated Edge Devices. IEEE Open Access Journal of Power and Energy, 2021, 8, 35-44.	3.4	3
22	Homeowner Preference Elicitation. , 2016, , .		1
23	Direct Synthesis and Self-Assembly of Silicon Nanowires. , 2004, , .		1