Jeremiah X Johnson

List of Publications by Year
in descending order

14	560	759055 12	996849 15
papers	citations	h-index	g-index

16	16	16	728
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Energy-Storage Modeling: State-of-the-Art and Future Research Directions. IEEE Transactions on Power Systems, 2022, 37, 860-875.	4.6	37
2	Life cycle assessment of salinity gradient energy recovery using reverse electrodialysis. Journal of Industrial Ecology, 2021, 25, 1194-1206.	2.8	10
3	Regional disparities in emissions reduction and net trade from renewables. Nature Sustainability, 2021, 4, 358-365.	11.5	23
4	Reducing human health impacts from power sector emissions with redispatch and energy storage. Environmental Research: Infrastructure and Sustainability, 2021, 1, 025009.	0.9	4
5	The symbiotic relationship of solar power and energy storage in providing capacity value. Renewable Energy, 2021, 177, 823-832.	4.3	16
6	Do commercial buildings become less efficient when they provide grid ancillary services?. Energy Efficiency, 2020, 13, 487-501.	1.3	13
7	Environmental and economic impacts of solarâ€powered integrated greenhouses. Journal of Industrial Ecology, 2020, 24, 234-247.	2.8	41
8	The role of energy storage in deep decarbonization of electricity production. Nature Communications, 2019, 10, 3413.	5.8	154
9	Quantifying the Urban Foodâ€“Energyâ€“Water Nexus: The Case of the Detroit Metropolitan Area. Environmental Science & Technology, 2019, 53, 779-788.	4.6	56
10	Use-Phase Drives Lithium-Ion Battery Life Cycle Environmental Impacts When Used for Frequency Regulation. Environmental Science & Technology, 2018, 52, 10163-10174.	4.6	26
11	Comparative Assessment of Models and Methods To Calculate Grid Electricity Emissions. Environmental Science & Technology, 2016, 50, 8937-8953.	4.6	77
12	Impact of inverter loading ratio on solar photovoltaic system performance. Applied Energy, 2016, 177, 475-486.	5.1	45
13	Emissions Reductions from Expanding State-Level Renewable Portfolio Standards. Environmental Science & Technology, 2015, 49, 5318-5325.	4.6	24
14	The environmental and cost implications of solar energy preferences in Renewable Portfolio Standards. Energy Policy, 2015, 86, 250-261.	4.2	29