Sheridan Few

List of Publications by Year
in descending order

18 papers	2,175 citations	759233 12 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	3721 citing authors

#	Article	IF	Citations
1	Electricity demand in populations gaining access: Impact of rurality and climatic conditions, and implications for microgrid design. Energy for Sustainable Development, 2022, 66, 151-164.	4.5	14
2	Identifying structureâ€“absorption relationships and predicting absorption strength of non-fullerene acceptors for organic photovoltaics. Energy and Environmental Science, 2022, 15, 2958-2973.	30.8	22
3	nThe cost and emissions advantages of incorporating anchor loads into solar mini-grids in India. Renewable and Sustainable Energy Transition, 2021, , 100003.	2.9	3
4	Assessing local costs and impacts of distributed solar PV using high resolution data from across Great Britain. Renewable Energy, 2020, 162, 1140-1150.	8.9	7
5	Comparative life cycle assessment of lithium-ion battery chemistries for residential storage. Journal of Energy Storage, 2020, 28, 101230.	8.1	53
6	How Can Insights from Degradation Modelling Inform Operational Strategies to Increase the Lifetime of Li-Ion Batteries in Islanded Mini-Grids?. ECS Meeting Abstracts, 2020, MA2020-02, 3780-3780.	0.0	3
7	The role of advanced demand-sector technologies and energy demand reduction in achieving ambitious carbon budgets. Applied Energy, 2019, 238, 351-367.	10.1	40
8	Energy system changes in 1.5â€Â°C, well below 2â€Â°C and 2â€Â°C scenarios. Energy Strategy Reviews, 2019, 23, 69-80.	7.3	57
9	Energy access through electricity storage: Insights from technology providers and market enablers. Energy for Sustainable Development, 2019, 48, 1-10.	4.5	22
10	Prospective improvements in cost and cycle life of off-grid lithium-ion battery packs: An analysis informed by expert elicitations. Energy Policy, 2018, 114, 578-590.	8.8	70
11	Future cost and performance of water electrolysis: An expert elicitation study. International Journal of Hydrogen Energy, 2017, 42, 30470-30492.	7.1	1,240
12	The impact of chemical structure and molecular packing on the electronic polarisation of fullerene arrays. Physical Chemistry Chemical Physics, 2017, 19, 18709-18720.	2.8	5
13	The Impact of Shale Gas on the Cost and Feasibility of Meeting Climate Targetsâ€”A Global Energy System Model Analysis and an Exploration of Uncertainties. Energies, 2017, 10, 158.	3.1	11
14	Exploring the origin of high optical absorption in conjugated polymers. Nature Materials, 2016, 15, 746-753.	27.5	314
15	Ultrafast decoherence dynamics govern photocarrier generation efficiencies in polymer solar cells. Scientific Reports, 2016, 6, 29437.	3.3	52
16	Fullerene oxidation and clustering in solution induced by light. Journal of Colloid and Interface Science, 2015, 446, 24-30.	9.4	43
17	Models of charge pair generation in organic solar cells. Physical Chemistry Chemical Physics, 2015, 17, 2311-2325.	2.8	158
18	Influence of Chemical Structure on the Charge Transfer State Spectrum of a Polymer:Fullerene Complex. Journal of Physical Chemistry C, 2014, 118, 8253-8261.	3.1	61