

Sheridan Few

List of Publications by Year in descending order

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