

Prateek Hundekar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12094927/publications.pdf>

Version: 2024-02-01

10
papers

843
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1582
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-heatingâ€“induced healing of lithium dendrites. <i>Science</i> , 2018, 359, 1513-1516.	12.6	378
2	Protecting Silicon Film Anodes in Lithium-Ion Batteries Using an Atomically Thin Graphene Drape. <i>ACS Nano</i> , 2017, 11, 5051-5061.	14.6	113
3	In situ healing of dendrites in a potassium metal battery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5588-5594.	7.1	79
4	Vanadium disulfide flakes with nanolayered titanium disulfide coating as cathode materials in lithium-ion batteries. <i>Nature Communications</i> , 2019, 10, 1764.	12.8	73
5	Exploiting self-heat in a lithium metal battery for dendrite healing. <i>Energy Storage Materials</i> , 2019, 20, 291-298.	18.0	50
6	Utilizing van der Waals Slippery Interfaces to Enhance the Electrochemical Stability of Silicon Film Anodes in Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13442-13451.	8.0	48
7	Aqueous lithium-ion batteries with niobium tungsten oxide anodes for superior volumetric and rate capability. <i>Energy Storage Materials</i> , 2020, 27, 506-513.	18.0	40
8	Reversible Alloying of Phosphorene with Potassium and Its Stabilization Using Reduced Graphene Oxide Buffer Layers. <i>ACS Nano</i> , 2019, 13, 14094-14106.	14.6	36
9	Recent advances in the mitigation of dendrites in lithium-metal batteries. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	14
10	Alloying of Alkali Metals with Tellurene. <i>Advanced Energy Materials</i> , 2021, 11, 2003248.	19.5	11