

Neel Nadkarni

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

590
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	A phase-field approach to studying the temperature-dependent ferroelectric response of bulk polycrystalline PZT. <i>Journal of the Mechanics and Physics of Solids</i> , 2020, 144, 104098.	4.8	26
2	Lithium-ion Battery Anode Gains Additional Functionality for Neuromorphic Computing through Metal-Insulator Phase Separation. <i>Advanced Materials</i> , 2020, 32, e1907465.	21.0	43
3	A scaling law to determine phase morphologies during ion intercalation. <i>Energy and Environmental Science</i> , 2020, 13, 2142-2152.	30.8	43
4	Modeling the Metal-Insulator Phase Transition in Li_xCoO_2 for Energy and Information Storage. <i>Advanced Functional Materials</i> , 2019, 29, 1902821.	14.9	40
5	In-situ visualization of solute-driven phase coexistence within individual nanorods. <i>Nature Communications</i> , 2018, 9, 1775.	12.8	19
6	Interplay of phase boundary anisotropy and electro-auto-catalytic surface reactions on the lithium intercalation dynamics in Li_xX_z plateletlike nanoparticles. <i>Physical Review Materials</i> , 2018, 2, .	2.4	28
7	Stable propagation of mechanical signals in soft media using stored elastic energy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9722-9727.	7.1	254
8	Unidirectional Transition Waves in Bistable Lattices. <i>Physical Review Letters</i> , 2016, 116, 244501.	7.8	137