

Neel Nadkarni

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

590
citations

1163117
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8
docs citations

8
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679
citing authors

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