

Jianjun Mao

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1306789

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10
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10
docs citations

10
times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Vacancy Manipulation for Thermoelectric Enhancements in GeTe Alloys. <i>Journal of the American Chemical Society</i> , 2018, 140, 15883-15888.	6.6	182
2	Hydrovoltaic energy harvesting from moisture flow using an ionic polymer-hydrogel-carbon composite. <i>Energy and Environmental Science</i> , 2022, 15, 2489-2498.	15.6	35
3	High-Performance MnO ₂ /Al Battery with In Situ Electrochemically Reformed Al _x MnO ₂ Nanosphere Cathode. <i>Small Methods</i> , 2021, 5, e2100491.	4.6	25
4	High-Energy SWCNT Cathode for Aqueous Al-Ion Battery Boosted by Multi-Ion Intercalation Chemistry. <i>Advanced Energy Materials</i> , 2021, 11, 2101514.	10.2	23
5	Black arsenene as a promising anisotropic sensor with high sensitivity and selectivity: insights from a first-principles investigation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4073-4080.	2.7	18
6	Strain-engineered black arsenene as a promising gas sensor for detecting SO ₂ among SF ₆ decompositions. <i>Nanotechnology</i> , 2021, 32, 065501.	1.3	9
7	Ground-state crystal structures of superconducting Nb ₃ Al and the phase transformation under high pressures. <i>Journal of Applied Physics</i> , 2018, 124, 173902.	1.1	7
8	Band engineering and hybridization of competing arsenene allotropes: a computational study. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24499-24505.	1.3	6
9	Pressure-Enriched Chemistry of Pt: Prediction and Synthesis of Dense Sodium Platinides. <i>Journal of Physical Chemistry C</i> , 2021, 125, 11791-11798.	1.5	1
10	High-Energy SWCNT Cathode for Aqueous Al-Ion Battery Boosted by Multi-Ion Intercalation Chemistry (<i>Adv. Energy Mater.</i> 39/2021). <i>Advanced Energy Materials</i> , 2021, 11, 2170155.	10.2	1