

Zhiming Liang

List of Publications by Year in descending order

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16
papers

595
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759233

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982
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies to Enable Reversible Magnesium Electrochemistry: From Electrolytes to Artificial Solidâ€“Electrolyte Interphases. <i>Angewandte Chemie</i> , 2021, 133, 11136-11147.	2.0	10
2	Strategies to Enable Reversible Magnesium Electrochemistry: From Electrolytes to Artificial Solidâ€“Electrolyte Interphases. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11036-11047.	13.8	81
3	Dual function organic active materials for nonaqueous redox flow batteries. <i>Materials Advances</i> , 2021, 2, 1390-1401.	5.4	33
4	n-type charge transport in heavily p-doped polymers. <i>Nature Materials</i> , 2021, 20, 518-524.	27.5	66
5	Comparison of Separators vs Membranes in Nonaqueous Redox Flow Battery Electrolytes Containing Small Molecule Active Materials. <i>ACS Applied Energy Materials</i> , 2021, 4, 5443-5451.	5.1	20
6	Reimagining Li-Ion Electrode Fabrication Via Cold Plasma Deposition. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 176-176.	0.0	0
7	Comparative Study of Organic Radical Cation Stability and Coulombic Efficiency for Nonaqueous Redox Flow Battery Applications. <i>Journal of Physical Chemistry C</i> , 2021, 125, 14170-14179.	3.1	14
8	Spin-coated fluorinated PbS QD superlattice thin film with high hole mobility. <i>Nanoscale</i> , 2020, 12, 11174-11181.	5.6	5
9	Quantifying Environmental Effects on the Solution and Solid-State Stability of a Phenothiazine Radical Cation. <i>Chemistry of Materials</i> , 2020, 32, 3007-3017.	6.7	26
10	Designing ĩ-conjugated polymer blends with improved thermoelectric power factors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19774-19785.	10.3	34
11	Enhanced Near-Infrared-to-Visible Upconversion by Synthetic Control of PbS Nanocrystal Triplet Photosensitizers. <i>Journal of the American Chemical Society</i> , 2019, 141, 9769-9772.	13.7	50
12	Processing Dependent Influence of the Hole Transport Layer Ionization Energy on Methylammonium Lead Iodide Perovskite Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15548-15557.	8.0	17
13	Influence of dopant size and electron affinity on the electrical conductivity and thermoelectric properties of a series of conjugated polymers. <i>Journal of Materials Chemistry A</i> , 2018, 6, 16495-16505.	10.3	112
14	Surface Fluorination for Controlling the PbS Quantum Dot Bandgap and Band Offset. <i>Chemistry of Materials</i> , 2018, 30, 4943-4948.	6.7	6
15	Increased power factors of organicâ€“inorganic nanocomposite thermoelectric materials and the role of energy filtering. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15891-15900.	10.3	95
16	Surface Modification of Silver Nanowires for Morphology and Processing Control in Composite Transparent Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21652-21656.	8.0	26