

Hai-Peng Liang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photo-Cross-Linked Single-Ion Conducting Polymer Electrolyte for Lithium-Metal Batteries. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100820.	3.9	12
2	Stabilizing the Li _{1.3} Al _{0.3} Ti _{1.7} (PO ₄) ₃ Li Interface for High Efficiency and Long Lifespan Quasi-Solid-State Lithium Metal Batteries. <i>ChemSusChem</i> , 2022, 15, .	6.8	11
3	Polysiloxane-Based Single-Ion Conducting Polymer Blend Electrolyte Comprising Small-Molecule Organic Carbonates for High-Energy and High-Power Lithium-Metal Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	53
4	Reinforcing the Li Li _{1.3} Al _{0.3} Ti _{1.7} (PO ₄) ₃ Interfacial Stability By an Ultrathin Multifunctional Polysiloxane-Based Single-Ion Conducting Polymer. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 206-206.	0.0	0
5	Polysiloxane-Based Single-Ion Conducting Polymer Electrolyte for High-Performance Li-NMC ₈₁₁ Batteries. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 326-326.	0.0	0
6	Highly Stable Quasi-Solid-State Lithium Metal Batteries: Reinforced Li _{1.3} Al _{0.3} Ti _{1.7} (PO ₄) ₃ /Li Interface by a Protection Interlayer. <i>Advanced Energy Materials</i> , 2021, 11, 2101339.	19.5	62
7	Lithium Phosphonate Functionalized Polymer Coating for High-Energy Li[Ni _{0.8} Co _{0.1} Mn _{0.1} O ₂] with Superior Performance at Ambient and Elevated Temperatures. <i>Advanced Functional Materials</i> , 2021, 31, 2105343.	14.9	42
8	Bis(terpyridine) Ru(III) complex functionalized porous polycarbazole for visible-light driven chemical reactions. <i>Polymer Chemistry</i> , 2021, 12, 4557-4564.	3.9	4
9	Emerging applications of porous organic polymers in visible-light photocatalysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7003-7034.	10.3	215
10	Rhenium-Metalated Polypyridine-Based Porous Polycarbazoles for Visible-Light CO ₂ Photoreduction. <i>ACS Catalysis</i> , 2019, 9, 3959-3968.	11.2	110
11	Nitrogen-doped carbon aerogels with high surface area for supercapacitors and gas adsorption. <i>Materials Today Communications</i> , 2018, 16, 1-7.	1.9	33
12	Hypercrosslinked porous polycarbazoles from carbazolyl-bearing aldehydes or ketones. <i>Polymer</i> , 2018, 143, 87-95.	3.8	21
13	Cationic Polycarbazole Networks as Visible-Light Heterogeneous Photocatalysts for Oxidative Organic Transformations. <i>ACS Catalysis</i> , 2018, 8, 5313-5322.	11.2	113