

Zhoupeng Li

List of Publications by Year in descending order

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33
papers

1,401
citations

516710

16
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

2311
citing authors

#	ARTICLE	IF	CITATIONS
1	Ag ₂ S-modified 3D Carbon Cloth as a Dendrite Suppressing Framework for High Energy Lithium-Sulfur Batteries. Chemistry Letters, 2022, 51, 504-507.	1.3	2
2	Regulating adsorption ability toward polysulfides in a porous carbon/Cu ₃ P hybrid for an ultrastable high-temperature lithium-sulfur battery. , 2021, 3, 841-855.		41
3	Advanced Configuration of N-Enriched Carbonized Tissue Paper as a Free-Standing Interlayer for Lithium-Sulfur Batteries at Wide-Range Temperatures. ACS Applied Energy Materials, 2021, 4, 10091-10103.	5.1	8
4	Thermally stable La-Ni-B amorphous additives for enhancing hydrogen storage performance of MgH ₂ . Journal of Alloys and Compounds, 2021, 888, 161520.	5.5	7
5	A Soft Start Approach of Solid-State Transformer. , 2021, , .		2
6	Metallically conductive TiB ₂ as a multi-functional separator modifier for improved lithium sulfur batteries. Journal of Power Sources, 2020, 448, 227336.	7.8	34
7	Core-shell ZnO@C:N hybrids derived from MOFs as long-cycling anodes for lithium ion batteries. Chemical Communications, 2020, 56, 1980-1983.	4.1	29
8	A cobalt-pyrrole coordination compound as high performance cathode catalyst for direct borohydride fuel cells. RSC Advances, 2020, 10, 29119-29127.	3.6	7
9	Development of chemically synthesized spherical plasmonic LaB ₆ nanoparticles for biomedical applications. Journal of Alloys and Compounds, 2019, 803, 757-767.	5.5	8
10	Fabrication of oriented-macroporous-carbon incorporated with γ -Al ₂ O ₃ for high performance lithium-sulfur battery. Microporous and Mesoporous Materials, 2018, 266, 276-282.	4.4	19
11	In Situ Synthesis of Li ₂ S-loaded amphiphilic Porous Carbon and Modification of the Li ₂ S Electrode for Long-Life Li ₂ S Batteries. ChemElectroChem, 2018, 5, 112-118.	3.4	12
12	A novel class of functional additives for cyclability enhancement of the sulfur cathode in lithium sulfur batteries. Inorganic Chemistry Frontiers, 2018, 5, 2013-2017.	6.0	13
13	Foldable interpenetrated metal-organic frameworks/carbon nanotubes thin film for lithium-sulfur batteries. Nature Communications, 2017, 8, 14628.	12.8	436
14	Prevention of active-site destruction during the synthesis of high performance non-Pt cathode catalyst for fuel cells. RSC Advances, 2017, 7, 6622-6630.	3.6	4
15	A facile self-templating synthesis of carbon frameworks with tailored hierarchical porosity for enhanced energy storage performance. Chemical Communications, 2017, 53, 5028-5031.	4.1	9
16	A novel strategy for high-stability lithium sulfur batteries by in situ formation of polysulfide adsorptive-blocking layer. Journal of Power Sources, 2017, 355, 147-153.	7.8	30
17	A facile and scalable method to prepare carbon nanotube-grafted-graphene for high performance Li-S battery. Journal of Power Sources, 2017, 339, 20-26.	7.8	54
18	The dual actions of modified polybenzimidazole in taming the polysulfide shuttle for long-life lithium-sulfur batteries. NPG Asia Materials, 2016, 8, e317-e317.	7.9	54

#	ARTICLE	IF	CITATIONS
19	A cobalt coordination compound with indole acetic acid for fabrication of a high performance cathode catalyst in fuel cells. RSC Advances, 2016, 6, 19025-19033.	3.6	11
20	<i>Acacia Senegal</i> Inspired Bifunctional Binder for Longevity of Lithium Sulfur Batteries. Advanced Energy Materials, 2015, 5, 1500878.	19.5	223
21	Low-temperature synthesis of nanosized metal borides through reaction of lithium borohydride with metal hydroxides or oxides. Journal of Alloys and Compounds, 2015, 651, 666-672.	5.5	6
22	Performance of nitrogen-containing macroporous carbon supported cobalt catalyst synthesized through in-situ construction of catalytic sites for oxygen reduction reaction. Journal of Power Sources, 2015, 274, 48-55.	7.8	20
23	A multi functional binder with lithium ion conductive polymer and polysulfide absorbents to improve cycleability of lithium sulfur batteries. Journal of Power Sources, 2015, 294, 187-192.	7.8	85
24	A novel laminated separator with multi functions for high-rate dischargeable lithium sulfur batteries. Journal of Power Sources, 2015, 283, 524-529.	7.8	60
25	Effects of hydrothermal treatment on the catalytic activity of cobalt-doped catalysts for oxygen reduction reaction. International Journal of Hydrogen Energy, 2014, 39, 5689-5695.	7.1	13
26	Fe ₃ O ₄ /C composites synthesized from Fe-based xerogels for anode materials of Li-ion batteries. Solid State Ionics, 2014, 261, 45-52.	2.7	14
27	Carbon-coated titanium dioxide micro-bowls as an anode material for Li-ion batteries. Electrochimica Acta, 2014, 125, 199-205.	5.2	12
28	Synergy among transition element, nitrogen, and carbon for oxygen reduction reaction in alkaline medium. Journal of Power Sources, 2012, 219, 163-171.	7.8	35
29	Oxygen reduction reaction on a polypyrrole-modified, carbon-supported cobalt hydroxide catalyst. Journal of Power Sources, 2012, 208, 203-209.	7.8	18
30	Reversible Hydrogen Storage Composite Based on 6LiBH ₄ + CaF ₂ . Journal of Physical Chemistry C, 2011, 115, 7067-7075.	3.1	20
31	A study of the direct dimethyl ether fuel cell using alkaline anolyte. Journal of Power Sources, 2010, 195, 5606-5609.	7.8	16
32	Influences of carbon support on the electrocatalysis of polypyrrole-modified cobalt hydroxide in the direct borohydride fuel cell. Journal of Power Sources, 2010, 195, 3124-3129.	7.8	30
33	The use of polypyrrole modified carbon-supported cobalt hydroxide as cathode and anode catalysts for the direct borohydride fuel cell. Journal of Power Sources, 2009, 192, 385-390.	7.8	68