

Jun Li

List of Publications by Year in descending order

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47
papers

2,728
citations

236612

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docs citations

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times ranked

4714
citing authors

#	ARTICLE	IF	CITATIONS
1	Halide Perovskite Materials for Photo(Electro)Chemical Applications: Dimensionality, Heterojunction, and Performance. <i>Advanced Energy Materials</i> , 2022, 12, 2004002.	10.2	68
2	Challenges of layer-structured cathodes for sodium-ion batteries. <i>Nanoscale Horizons</i> , 2022, 7, 338-351.	4.1	37
3	Zn _{0.52} V ₂ O ₅ ·1.8H ₂ O Cathode Stabilized by In Situ Phase Transformation for Aqueous Zinc-Ion Batteries with Ultra-Long Cyclability. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
4	Understanding the Ni-rich layered structure materials for high-energy density lithium-ion batteries. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2607-2622.	3.2	19
5	Unprecedentedly low thermal conductivity of unique tellurium nanoribbons. <i>Nano Research</i> , 2021, 14, 4725-4731.	5.8	14
6	Advanced TexSy-C Nanocomposites for High-Performance Lithium Ion Batteries. <i>Frontiers in Chemistry</i> , 2021, 9, 687392.	1.8	3
7	Enhanced Interfacial Properties of Thickness-Tunable Carbon Nanosheets for Advanced Lithium-Sulfur Batteries. <i>Energy & Fuels</i> , 2021, 35, 13419-13425.	2.5	6
8	Incorporating ultra-small N-doped Mo ₂ C nanoparticles onto 3D N-doped flower-like carbon nanospheres for robust electrocatalytic hydrogen evolution. <i>Nano Energy</i> , 2021, 86, 106047.	8.2	66
9	Insights of Heteroatoms Doping-Enhanced Bifunctionalities on Carbon Based Energy Storage and Conversion. <i>Advanced Functional Materials</i> , 2021, 31, 2009109.	7.8	58
10	Tailoring conductive networks within hollow carbon nanospheres to host phosphorus for advanced sodium ion batteries. <i>Nano Energy</i> , 2020, 70, 104569.	8.2	29
11	Rapid and Controllable Synthesis of Nanocrystallized Nickel-Cobalt Boride Electrode Materials via a Microimpinging Stream Reaction for High Performance Supercapacitors. <i>Small</i> , 2020, 16, e2003342.	5.2	39
12	Tailoring Hierarchically Porous Nitrogen-, Sulfur-Codoped Carbon for High-Performance Supercapacitors and Oxygen Reduction. <i>Small</i> , 2020, 16, e1906584.	5.2	43
13	Origins of Boosted Charge Storage on Heteroatom-Doped Carbons. <i>Angewandte Chemie</i> , 2020, 132, 8002-8007.	1.6	20
14	Origins of Boosted Charge Storage on Heteroatom-Doped Carbons. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7928-7933.	7.2	102
15	Mild-Temperature Solution-Assisted Encapsulation of Phosphorus into ZIF-8 Derived Porous Carbon as Lithium-Ion Battery Anode. <i>Small</i> , 2020, 16, e1907141.	5.2	42
16	Development of novel highly stable synergistic quaternary photocatalyst for the efficient hydrogen evolution reaction. <i>Applied Surface Science</i> , 2020, 510, 145498.	3.1	16
17	Radially Inwardly Aligned Hierarchical Porous Carbon for Ultra-Long-Life Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6406-6411.	7.2	100
18	Fundamentals of Electrolytes for Solid-State Batteries: Challenges and Perspectives. <i>Frontiers in Materials</i> , 2020, 7, .	1.2	72

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19	One-step facile synthesis of PbS quantum dots/Pb (DMDC) 2 hybrids and their application as a low-cost SERS substrate. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1445-1451.	1.2	5
20	High-quality in situ fabricated Nb Josephson junctions with black phosphorus barriers. <i>Superconductor Science and Technology</i> , 2019, 32, 115005.	1.8	4
21	Iron and Nitrogen Co-Doped Mesoporous Carbon-Based Heterogeneous Catalysts for Selective Reduction of Nitroarenes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3525-3531.	2.1	14
22	Hybrid Organic-Inorganic Thermoelectric Materials and Devices. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15206-15226.	7.2	138
23	Hybride organisch-anorganische thermoelektrische Materialien und Baueinheiten. <i>Angewandte Chemie</i> , 2019, 131, 15348-15370.	1.6	9
24	Hydrogen evolution reaction catalyzed by nickel/nickel phosphide nanospheres synthesized through electrochemical methods. <i>Electrochimica Acta</i> , 2019, 298, 229-236.	2.6	27
25	Encapsulating phosphorus inside carbon nanotubes via a solution approach for advanced lithium ion host. <i>Nano Energy</i> , 2019, 58, 23-29.	8.2	32
26	Heteroatom-Doped Porous Carbon Materials with Unprecedented High Volumetric Capacitive Performance. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2397-2401.	7.2	178
27	Heteroatom-Doped Porous Carbon Materials with Unprecedented High Volumetric Capacitive Performance. <i>Angewandte Chemie</i> , 2019, 131, 2419-2423.	1.6	34
28	In Situ Encapsulation of Iron Complex Nanoparticles into Biomass-Derived Heteroatom-Enriched Carbon Nanotubes for High-Performance Supercapacitors. <i>Advanced Energy Materials</i> , 2019, 9, 1803221.	10.2	86
29	One-step nonlinear electrochemical synthesis of TexSy@PANI nanorod materials for Li-TexSy battery. <i>Energy Storage Materials</i> , 2019, 16, 31-36.	9.5	28
30	Nitrogen and sulfur co-doped porous carbon sheets for energy storage and pH-universal oxygen reduction reaction. <i>Nano Energy</i> , 2018, 54, 192-199.	8.2	83
31	Recent Progress in Biomass-Derived Electrode Materials for High Volumetric Performance Supercapacitors. <i>Advanced Energy Materials</i> , 2018, 8, 1801007.	10.2	213
32	Strong Graphene 3D Assemblies with High Elastic Recovery and Hardness. <i>Advanced Materials</i> , 2018, 30, e1707424.	11.1	22
33	A Hierarchical Phosphorus Nanobarbed Nanowire Hybrid: Its Structure and Electrochemical Properties. <i>Nano Letters</i> , 2017, 17, 3376-3382.	4.5	39
34	FeVO ₄ nanorods supported TiO ₂ as a superior catalyst for NH ₃ -SCR reaction in a broad temperature range. <i>Catalysis Communications</i> , 2015, 64, 75-79.	1.6	30
35	An efficient molybdenum disulfide/cobalt diselenide hybrid catalyst for electrochemical hydrogen generation. <i>Nature Communications</i> , 2015, 6, 5982.	5.8	897
36	Effectively enhance catalytic performance by adjusting pH during the synthesis of active components over FeVO ₄ /TiO ₂ -WO ₃ -SiO ₂ monolith catalysts. <i>Chemical Engineering Journal</i> , 2015, 271, 1-13.	6.6	48

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37	Synthesis of Zirconiaâ€‘Palladium Coreâ€‘Shell Nanoparticles as Three-Way Catalysts. <i>Catalysis Letters</i> , 2015, 145, 1420-1428.	1.4	3
38	Size-dependent CO and propylene oxidation activities of platinum nanoparticles on the monolithic Pt/TiO ₂ â€‘YO _x diesel oxidation catalyst under simulative diesel exhaust conditions. <i>Catalysis Science and Technology</i> , 2015, 5, 2358-2365.	2.1	45
39	Electrochemical Recognition of Chiral Molecules with Poly(4â€‘bromoaniline) Modified Gold Electrode. <i>Electroanalysis</i> , 2013, 25, 1975-1980.	1.5	8
40	Structural transformation of carbon electrodes for simultaneous determination of dihydroxybenzene isomers. <i>Electrochemistry Communications</i> , 2012, 21, 73-76.	2.3	11
41	Subtle Photochemical Behavior in Ferriinâ€‘Bromateâ€‘Benzoquinone Reaction. <i>Journal of Physical Chemistry A</i> , 2012, 116, 386-390.	1.1	4
42	Complex Dynamical Behavior in the Highly Photosensitive Ceriumâ€‘Bromateâ€‘1,4-Benzoquinone Reaction. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8130-8137.	1.1	5
43	Complex kinetics and significant influences of bromine removal in ferriinâ€‘bromateâ€‘metol reaction. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15539.	1.3	9
44	Design of batch minimal bromate oscillator. <i>Chemical Physics Letters</i> , 2011, 508, 320-323.	1.2	4
45	Spiral instabilities in media supporting complex oscillations under periodic forcing. <i>Chaos</i> , 2009, 19, 033134.	1.0	6
46	Current oscillations during the electrochemical oxidation of sulfide in the presence of an external resistor. <i>Science in China Series B: Chemistry</i> , 2008, 51, 333-340.	0.8	8
47	Intermittent spiral breakup in the reaction-diffusion medium exhibiting birhythmic dynamics. <i>Chemical Physics Letters</i> , 2007, 439, 327-331.	1.2	3