

Shaoqing Chen

List of Publications by Year in descending order

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papers

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citations

361413

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Tailoring Electron-Riched Boron Sites in BCN for Nitrogen Fixation via Alternate Mechanism. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	9
2	Unraveling the crystallinity on battery performances of chlorine-rich argyrodite electrolytes. <i>Journal of Power Sources</i> , 2022, 520, 230890.	7.8	24
3	Enhancing Moisture and Electrochemical Stability of the $\text{Li}_{5.5}\text{PS}_{4.5}\text{Cl}_{1.5}$ Electrolyte by Oxygen Doping. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4179-4185.	8.0	44
4	Atomically dispersed cobalt in core-shell carbon nanofiber membranes as super-flexible freestanding air-electrodes for wearable Zn-air batteries. <i>Energy Storage Materials</i> , 2022, 47, 365-375.	18.0	35
5	Enabling ultrafast lithium-ion conductivity of Li_2ZrCl_6 by indium doping. <i>Chinese Chemical Letters</i> , 2022, 33, 4635-4639.	9.0	33
6	Copper single-atom catalyst as a high-performance electrocatalyst for nitrate-ammonium conversion. <i>Journal of Hazardous Materials</i> , 2022, 434, 128892.	12.4	34
7	Engineering high conductive $\text{Li}_7\text{P}_2\text{S}_8\text{I}$ via Cl- doping for all-solid-state Li-S batteries workable at different operating temperatures. <i>Chemical Engineering Journal</i> , 2022, 442, 136346.	12.7	21
8	N-doped porous carbon spheres as metal-free electrocatalyst for oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5751-5758.	10.3	46
9	Weakening Intermediate Bindings on CuPd/Pd Core/shell Nanoparticles to Achieve Pt-Like Bifunctional Activity for Hydrogen Evolution and Oxygen Reduction Reactions. <i>Advanced Functional Materials</i> , 2021, 31, 2100883.	14.9	68
10	Facet Engineering to Regulate Surface States of Topological Crystalline Insulator Bismuth Rhombic Dodecahedrons for Highly Energy Efficient Electrochemical CO_2 Reduction. <i>Advanced Materials</i> , 2021, 33, e2008373.	21.0	84
11	Constructing Co-N-C Catalyst via a Double Crosslinking Hydrogel Strategy for Enhanced Oxygen Reduction Catalysis in Fuel Cells. <i>Small</i> , 2021, 17, e2100735.	10.0	29
12	Improving the Stability of Non-Noble Metal M-N-C Catalysts for Proton-Exchange Membrane Fuel Cells through M-N Bond Length and Coordination Regulation. <i>Advanced Materials</i> , 2021, 33, e2006613.	21.0	94
13	LiNbO_3 -coated $\text{LiNi}_{0.7}\text{Co}_{0.1}\text{Mn}_{0.2}\text{O}_2$ and chlorine-rich argyrodite enabling high-performance solid-state batteries under different temperatures. <i>Energy Storage Materials</i> , 2021, 43, 53-61.	18.0	120
14	Zn doped MAPbBr_3 single crystal with advanced structural and optical stability achieved by strain compensation. <i>Nanoscale</i> , 2020, 12, 3692-3700.	5.6	22
15	Defect-Rich Copper-doped Ruthenium Hollow Nanoparticles for Efficient Hydrogen Evolution Electrocatalysis in Alkaline Electrolyte. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2868-2872.	3.3	6
16	Boosting Efficiency and Stability of Planar Inverted $(\text{FAPbI}_3)_x(\text{MAPbBr}_3)_{1-x}$ Solar Cells via FAPbI_3 and MAPbBr_3 Crystal Powders. <i>Solar Rrl</i> , 2020, 4, 2000091.	5.8	19
17	Evidence for Ferroelectricity of All-Inorganic Perovskite CsPbBr_3 Quantum Dots. <i>Journal of the American Chemical Society</i> , 2020, 142, 3316-3320.	13.7	53
18	Degradation induced lattice anchoring self-passivation in CsPbBr_3 . <i>Journal of Materials Chemistry A</i> , 2020, 8, 9963-9969.	10.3	7

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19	Single Fe atoms anchored by short-range ordered nanographene boost oxygen reduction reaction in acidic media. <i>Nano Energy</i> , 2019, 66, 104164.	16.0	68
20	Elemental selenium enables enhanced water oxidation electrocatalysis of NiFe layered double hydroxides. <i>Nanoscale</i> , 2019, 11, 17376-17383.	5.6	46
21	Strong metal-support interaction promoted via constructing biocarbon membrane for enhanced CO preferential oxidation activity of Rh/CaCO ₃ @biocarbon. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 23034-23045.	7.1	6
22	Amperometric sarcosine biosensor based on hollow magnetic Pt@Fe ₃ O ₄ @C nanospheres. <i>Analytica Chimica Acta</i> , 2019, 1078, 161-167.	5.4	55
23	Co ₃ O ₄ @CuCoO ₂ Nanomesh: An Interface-Enhanced Substrate that Simultaneously Promotes CO Adsorption and O ₂ Activation in H ₂ Purification. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6042-6053.	8.0	55
24	Optimum Preferential Oxidation Performance of CeO ₂ @CuO _x /RGO Composites through Interfacial Regulation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7935-7945.	8.0	55
25	Enhanced response of bulk heterojunction polymer photodetectors upon incorporating CsPbBr ₃ quantum dots. <i>Applied Physics Letters</i> , 2018, 113, .	3.3	6
26	Boosting Tunable Syngas Formation via Electrochemical CO ₂ Reduction on Cu/In ₂ O ₃ Core/Shell Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 36996-37004.	8.0	106
27	Surface hydroxylation induced by alkaline-earth metal doping in NiO nanocrystals and its application in achieving a wide temperature operation window for preferential CO oxidation. <i>Environmental Science: Nano</i> , 2018, 5, 2368-2381.	4.3	18
28	Kinetic Control of Hexagonal Mg(OH) ₂ Nanoflakes for Catalytic Application of Preferential CO Oxidation. <i>Chinese Journal of Chemistry</i> , 2017, 35, 903-910.	4.9	5
29	Anchoring High-Concentration Oxygen Vacancies at Interfaces of CeO ₂ /Cu toward Enhanced Activity for Preferential CO Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22999-23007.	8.0	173