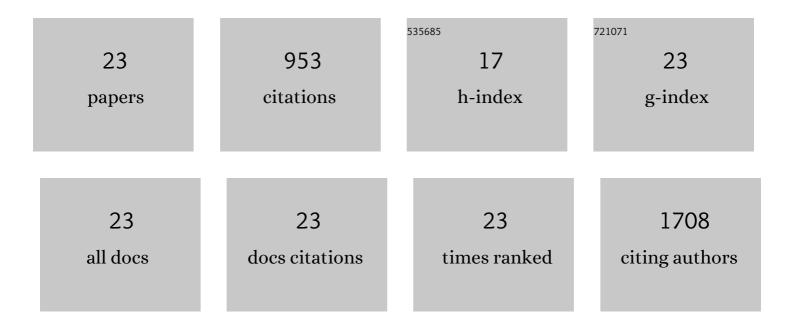
Chao Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modulating the Chemical Microenvironment of Pt Nanoparticles within Ultrathin Nanosheets of Isoreticular MOFs for Enhanced Catalytic Activity. Inorganic Chemistry, 2022, 61, 2538-2545.	1.9	10
2	Surface Protection and Interface Regulation for Zn Anode via 1â€Hydroxy Ethylideneâ€1,1â€Diphosphonic Acid Electrolyte Additive toward Highâ€Performance Aqueous Batteries. Small, 2022, 18, e2107398.	5.2	22
3	Scalable hierarchical lithiophilic engineering of metal foam enables stable lithium metal batteries. Chemical Engineering Journal, 2022, 435, 134643.	6.6	23
4	Engineering Two-Dimensional Metal–Organic Framework on Molecular Basis for Fast Li ⁺ Conduction. Nano Letters, 2021, 21, 5805-5812.	4.5	31
5	Understanding and Controlling the Nucleation and Growth of Zn Electrodeposits for Aqueous Zinc-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 32930-32936.	4.0	71
6	Membrane cleaning strategy via in situ oscillation driven by piezoelectricity. Journal of Membrane Science, 2021, 638, 119722.	4.1	11
7	Lithiated Hybrid Polymer/Inorganic PAA/MnO ₂ Protection Layer for High-Performance Tin Oxide Alloy Anode. ACS Applied Energy Materials, 2021, 4, 13208-13215.	2.5	5
8	In Situ Tuning of Defects and Phase Transition in Titanium Dioxide by Lithiothermic Reduction. ACS Applied Materials & Interfaces, 2020, 12, 5750-5758.	4.0	30
9	Fabrication of Homogeneous Non-Noble Metal Nanoparticles within Metal–Organic Framework Nanosheets for Catalytic Reduction of 4-Nitrophenol. Crystal Growth and Design, 2020, 20, 6217-6225.	1.4	24
10	Gallium–Carbenicillin Framework Coated Defectâ€Rich Hollow TiO ₂ as a Photocatalyzed Oxidative Stress Amplifier against Complex Infections. Advanced Functional Materials, 2020, 30, 2004861.	7.8	50
11	Three-Dimensional-Percolated Ceramic Nanoparticles along Natural-Cellulose-Derived Hierarchical Networks for High Li ⁺ Conductivity and Mechanical Strength. Nano Letters, 2020, 20, 7397-7404.	4.5	37
12	Oxygenâ€Deficient Ferric Oxide as an Electrochemical Cathode Catalyst for Highâ€Energy Lithium–Sulfur Batteries. Small, 2020, 16, e2000870.	5.2	49
13	Selective removal of nitrate via the synergistic effect of oxygen vacancies and plasmon-induced hot carriers. Chemical Engineering Journal, 2020, 397, 125435.	6.6	20
14	Selfâ€Assembly of Perovskite CsPbBr ₃ Quantum Dots Driven by a Photoâ€Induced Alkynyl Homocoupling Reaction. Angewandte Chemie - International Edition, 2020, 59, 17207-17213.	7.2	19
15	Fluorescence hydrogel array based on interfacial cation exchange amplification for highly sensitive microRNA detection. Analytica Chimica Acta, 2019, 1080, 206-214.	2.6	22
16	Li ⁺ â€Containing, Continuous Silica Nanofibers for High Li ⁺ Conductivity in Composite Polymer Electrolyte. Small, 2019, 15, e1902729.	5.2	58
17	Boosting the cycling stability of Li Si alloy microparticles through electroless copper deposition. Chemical Engineering Journal, 2019, 370, 1019-1026.	6.6	14
18	Understanding the role of conductive polymer in thermal lithiation and battery performance of Li-Sn alloy anode. Energy Storage Materials, 2019, 20, 7-13.	9.5	32

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#	Article	IF	CITATIONS
19	Thermal Lithiated-TiO ₂ : A Robust and Electron-Conducting Protection Layer for Li–Si Alloy Anode. ACS Applied Materials & Interfaces, 2018, 10, 12750-12758.	4.0	45
20	Highâ€Performance and Stable Silicon Photoanode Modified by Crystalline Ni@ Amorphous Co Coreâ€Shell Nanoparticles. ChemCatChem, 2018, 10, 5025-5031.	1.8	14
21	Ultrasmall Au Nanoparticles Embedded in 2D Mixedâ€Ligand Metal–Organic Framework Nanosheets Exhibiting Highly Efficient and Sizeâ€Selective Catalysis. Advanced Functional Materials, 2018, 28, 1802021.	7.8	115
22	A Robust and Conductive Black Tin Oxide Nanostructure Makes Efficient Lithiumâ€ion Batteries Possible. Advanced Materials, 2017, 29, 1700136.	11.1	212
23	Assembly of LiMnPO ₄ Nanoplates into Microclusters as a High-Performance Cathode in Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 27618-27624.	4.0	39