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## List of Publications by Citations

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19  
papers

353  
citations

12  
h-index

18  
g-index

19  
ext. papers

525  
ext. citations

8.1  
avg, IF

3.8  
L-index

#	Paper	IF	Citations
19	In-situ synthesis of free-standing FeNi-oxyhydroxide nanosheets as a highly efficient electrocatalyst for water oxidation. <i>Chemical Engineering Journal</i> , <b>2020</b> , 395, 125180	14.7	52
18	Designed synthesis of a novel BiVO <sub>4</sub> /Cu <sub>2</sub> O-TiO <sub>2</sub> as an efficient visible-light-responding photocatalyst. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 444, 58-66	9.3	51
17	Self-supported nickel iron oxide nanospindles with high hydrophilicity for efficient oxygen evolution. <i>Chemical Communications</i> , <b>2019</b> , 55, 10860-10863	5.8	36
16	Structural and Electronic Engineering of Ir-Doped Ni-(Oxy)hydroxide Nanosheets for Enhanced Oxygen Evolution Activity. <i>ACS Catalysis</i> , <b>2021</b> , 11, 5386-5395	13.1	33
15	Facile assembly of a 3D rGO/MWCNTs/Fe <sub>2</sub> O <sub>3</sub> ternary composite as the anode material for high-performance lithium ion batteries. <i>RSC Advances</i> , <b>2013</b> , 3, 15457	3.7	26
14	Electrolyte solvation chemistry for lithium-sulfur batteries with electrolyte-lean conditions. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 55, 80-91	12	26
13	Redox of Dual-Radical Intermediates in a Methylene-Linked Covalent Triazine Framework for High-Performance Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 514-521	9.5	20
12	Novel visible-light-responding InVO <sub>4</sub> -Cu <sub>2</sub> O-TiO <sub>2</sub> ternary nanoheterostructure: Preparation and photocatalytic characteristics. <i>Chinese Journal of Catalysis</i> , <b>2016</b> , 37, 855-862	11.3	18
11	Engineering Frenkel defects of anti-perovskite solid-state electrolytes and their applications in all-solid-state lithium-ion batteries. <i>Chemical Communications</i> , <b>2020</b> , 56, 1251-1254	5.8	18
10	Revealing Mechanism of Li <sub>3</sub> PO <sub>4</sub> Coating Suppressed Surface Oxygen Release for Commercial Ni-Rich Layered Cathodes. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 7445-7455	6.1	15
9	One-step solution-phase synthesis of Co <sub>3</sub> O <sub>4</sub> /RGO/acetylene black as a high-performance catalyst for oxygen reduction reaction. <i>RSC Advances</i> , <b>2014</b> , 4, 18286	3.7	14
8	An all-in-one supercapacitor working at sub-zero temperatures. <i>Science China Materials</i> , <b>2020</b> , 63, 660-666	6.1	12
7	Highly [010]-oriented self-assembled LiCoPO <sub>4</sub> /C nanoflakes as high-performance cathode for lithium ion batteries. <i>Nano Research</i> , <b>2018</b> , 11, 2424-2435	10	9
6	Iron polyphthalocyanine-derived ternary-balanced Fe <sub>3</sub> O <sub>4</sub> /Fe <sub>3</sub> N/Fe-N-C@PC as a high-performance electrocatalyst for the oxygen reduction reaction. <i>Science China Materials</i> , 1	7.1	8
5	Suppressing Continuous Volume Expansion of Si Nanoparticles by an Artificial Solid Electrolyte Interphase for High-Performance Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 8059-8068	8.3	6
4	Ternary Transition Metal Sulfide as High Real Energy Cathode for Lithium-Sulfur Pouch Cell Under Lean Electrolyte Conditions.. <i>Small Methods</i> , <b>2022</b> , 6, e2101402	12.8	4
3	Hierarchical mesoporous heteroatom-doped carbon accelerating the adsorption and conversion of polysulfide for high performance Lithium-sulfur batteries. <i>Composites Communications</i> , <b>2022</b> , 30, 101079	6.7	2

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| 2 | Li-Rich Antiperovskite/Nitrile Butadiene Rubber Composite Electrolyte for Sheet-Type Solid-State Lithium Metal Battery. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 744417 | 5   | 2 |
| 1 | Single copper sites dispersed on defective TiO as a synergistic oxygen reduction reaction catalyst. <i>Journal of Chemical Physics</i> , <b>2021</b> , 154, 034705              | 3-9 | 1 |