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List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Hierarchical mesoporous heteroatom-doped carbon accelerating the adsorption and conversion of polysulfide for high performance Lithium-Sulfur batteries. *Composites Communications*, **2022**, 30, 101079	6.7	2
18	Ternary Transition Metal Sulfide as High Real Energy Cathode for Lithium-Sulfur Pouch Cell Under Lean Electrolyte Conditions.. *Small Methods*, **2022**, 6, e2101402	12.8	4
17	Li-Rich Antiperovskite/Nitrile Butadiene Rubber Composite Electrolyte for Sheet-Type Solid-State Lithium Metal Battery. *Frontiers in Chemistry*, **2021**, 9, 744417	5	2
16	Structural and Electronic Engineering of Ir-Doped Ni-(Oxy)hydroxide Nanosheets for Enhanced Oxygen Evolution Activity. *ACS Catalysis*, **2021**, 11, 5386-5395	13.1	33
15	Suppressing Continuous Volume Expansion of Si Nanoparticles by an Artificial Solid Electrolyte Interphase for High-Performance Lithium-Ion Batteries. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 8059-8068	8.3	6
14	Electrolyte solvation chemistry for lithium-sulfur batteries with electrolyte-lean conditions. *Journal of Energy Chemistry*, **2021**, 55, 80-91	12	26
13	Redox of Dual-Radical Intermediates in a Methylene-Linked Covalent Triazine Framework for High-Performance Lithium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2021**, 13, 514-521	9.5	20
12	Single copper sites dispersed on defective TiO as a synergistic oxygen reduction reaction catalyst. *Journal of Chemical Physics*, **2021**, 154, 034705	3.9	1
11	Revealing Mechanism of Li3PO4 Coating Suppressed Surface Oxygen Release for Commercial Ni-Rich Layered Cathodes. *ACS Applied Energy Materials*, **2020**, 3, 7445-7455	6.1	15
10	An all-in-one supercapacitor working at sub-zero temperatures. *Science China Materials*, **2020**, 63, 660-666	7.1	12
9	In-situ synthesis of free-standing FeNi-oxyhydroxide nanosheets as a highly efficient electrocatalyst for water oxidation. *Chemical Engineering Journal*, **2020**, 395, 125180	14.7	52
8	Engineering Frenkel defects of anti-perovskite solid-state electrolytes and their applications in all-solid-state lithium-ion batteries. *Chemical Communications*, **2020**, 56, 1251-1254	5.8	18
7	Self-supported nickel iron oxide nanospindles with high hydrophilicity for efficient oxygen evolution. *Chemical Communications*, **2019**, 55, 10860-10863	5.8	36
6	Highly [010]-oriented self-assembled LiCoPO4/C nanoflakes as high-performance cathode for lithium ion batteries. *Nano Research*, **2018**, 11, 2424-2435	10	9
5	Novel visible-light-responding InVO4-Cu2O-TiO2 ternary nanoheterostructure: Preparation and photocatalytic characteristics. *Chinese Journal of Catalysis*, **2016**, 37, 855-862	11.3	18
4	Designed synthesis of a novel BiVO-Cu-TiO as an efficient visible-light-responding photocatalyst. *Journal of Colloid and Interface Science*, **2015**, 444, 58-66	9.3	51
3	One-step solution-phase synthesis of Co3O4/RGO/acetylene black as a high-performance catalyst for oxygen reduction reaction. *RSC Advances*, **2014**, 4, 18286	3.7	14

2	Facile assembly of a 3D rGO/MWCNTs/Fe2O3 ternary composite as the anode material for high-performance lithium ion batteries. *RSC Advances*, **2013**, 3, 15457	3.7	26
1	Iron polyphthalocyanine-derived ternary-balanced Fe3O4/Fe3N/Fe-N-C@PC as a high-performance electrocatalyst for the oxygen reduction reaction. *Science China Materials*,1	7.1	8