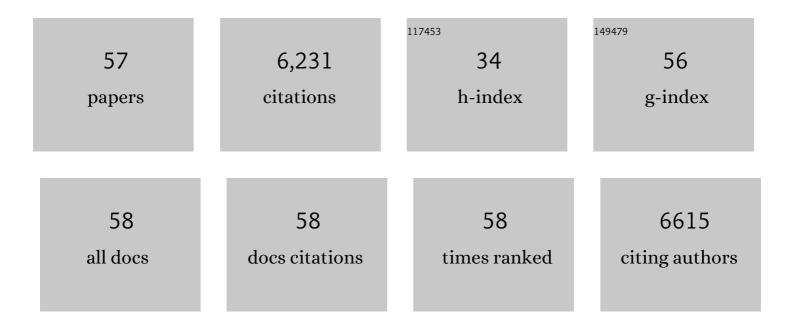
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Spinels: Controlled Preparation, Oxygen Reduction/Evolution Reaction Application, and Beyond. Chemical Reviews, 2017, 117, 10121-10211.	23.0	1,157
2	Self‣upported Transitionâ€Metalâ€Based Electrocatalysts for Hydrogen and Oxygen Evolution. Advanced Materials, 2020, 32, e1806326.	11.1	986
3	Advances and Challenges for the Electrochemical Reduction of CO ₂ to CO: From Fundamentals to Industrialization. Angewandte Chemie - International Edition, 2021, 60, 20627-20648.	7.2	408
4	Anion insertion enhanced electrodeposition of robust metal hydroxide/oxide electrodes for oxygen evolution. Nature Communications, 2018, 9, 2373.	5.8	336
5	Porous Multishelled Ni ₂ P Hollow Microspheres as an Active Electrocatalyst for Hydrogen and Oxygen Evolution. Chemistry of Materials, 2017, 29, 8539-8547.	3.2	279
6	Nitrogen-rich covalent organic frameworks with multiple carbonyls for high-performance sodium batteries. Nature Communications, 2020, 11, 178.	5.8	279
7	Boosting Activity on Co ₄ N Porous Nanosheet by Coupling CeO ₂ for Efficient Electrochemical Overall Water Splitting at High Current Densities. Advanced Functional Materials, 2020, 30, 1910596.	7.8	218
8	Designing Anionâ€Type Waterâ€Free Zn ²⁺ Solvation Structure for Robust Zn Metal Anode. Angewandte Chemie - International Edition, 2021, 60, 23357-23364.	7.2	179
9	Superhydrophilic amorphous Co–B–P nanosheet electrocatalysts with Pt-like activity and durability for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 22062-22069.	5.2	156
10	A 3D Hydroxylated MXene/Carbon Nanotubes Composite as a Scaffold for Dendriteâ€Free Sodiumâ€Metal Electrodes. Angewandte Chemie - International Edition, 2020, 59, 16705-16711.	7.2	138
11	Electroless Formation of a Fluorinated Li/Na Hybrid Interphase for Robust Lithium Anodes. Journal of the American Chemical Society, 2021, 143, 2829-2837.	6.6	119
12	Electrodeposition of (hydro)oxides for an oxygen evolution electrode. Chemical Science, 2020, 11, 10614-10625.	3.7	117
13	Template-free synthesis of porous graphitic carbon nitride/carbon composite spheres for electrocatalytic oxygen reduction reaction. Chemical Communications, 2016, 52, 1725-1728.	2.2	93
14	Advances and Challenges for the Electrochemical Reduction of CO ₂ to CO: From Fundamentals to Industrialization. Angewandte Chemie, 2021, 133, 20795-20816.	1.6	82
15	Structure design and mechanism analysis of silicon anode for lithium-ion batteries. Science China Materials, 2019, 62, 1515-1536.	3.5	80
16	A Universal Graphene Quantum Dot Tethering Design Strategy to Synthesize Singleâ€Atom Catalysts. Angewandte Chemie - International Edition, 2020, 59, 21885-21889.	7.2	79
17	Superior Sodium Metal Anodes Enabled by Sodiophilic Carbonized Coconut Framework with 3D Tubular Structure. Advanced Energy Materials, 2021, 11, 2003699.	10.2	77
18	Spinel oxide nanoparticles embedded in nitrogen-doped carbon nanofibers as a robust and self-standing bifunctional oxygen cathode for Zn–air batteries. Journal of Materials Chemistry A, 2019, 7, 24868-24876.	5.2	76

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19	Regulating Electrocatalytic Oxygen Reduction Activity of a Metal Coordination Polymer via d–i̇́€ Conjugation. Angewandte Chemie - International Edition, 2021, 60, 16937-16941.	7.2	74
20	Insights into the Ionic Conduction Mechanism of Quasi olid Polymer Electrolytes through Multispectral Characterization. Angewandte Chemie - International Edition, 2021, 60, 22672-22677.	7.2	72
21	Stabilizing Zinc Electrodes with a Vanillin Additive in Mild Aqueous Electrolytes. ACS Applied Materials & Interfaces, 2021, 13, 47650-47658.	4.0	70
22	In Situ Polymerized Conjugated Poly(pyreneâ€4,5,9,10â€ŧetraone)/Carbon Nanotubes Composites for Highâ€Performance Cathode of Sodium Batteries. Advanced Energy Materials, 2021, 11, 2002917.	10.2	69
23	Opportunities and challenges for aqueous metal-proton batteries. Matter, 2021, 4, 1252-1273.	5.0	63
24	Boosting Electrocatalytic Oxygen Evolution by Cation Defect Modulation via Electrochemical Etching. CCS Chemistry, 2021, 3, 675-685.	4.6	63
25	Bixbyite-type Ln2O3 as promoters of metallic Ni for alkaline electrocatalytic hydrogen evolution. Nature Communications, 2022, 13, .	5.8	62
26	Highâ€Energyâ€Density Quinoneâ€Based Electrodes with [Al(OTF)] ²⁺ Storage Mechanism for Rechargeable Aqueous Aluminum Batteries. Advanced Functional Materials, 2021, 31, 2102063.	7.8	61
27	Exploring the Interfacial Chemistry between Zinc Anodes and Aqueous Electrolytes via an In Situ Visualized Characterization System. ACS Applied Materials & Interfaces, 2020, 12, 55476-55482.	4.0	58
28	Designing Anionâ€Type Waterâ€Free Zn ²⁺ Solvation Structure for Robust Zn Metal Anode. Angewandte Chemie, 2021, 133, 23545-23552.	1.6	57
29	Nanostructured NiMoO4 as active electrocatalyst for oxygen evolution. Chinese Chemical Letters, 2019, 30, 319-323.	4.8	55
30	<i>N</i> , <i>N</i> -dimethylformamide tailors solvent effect to boost Zn anode reversibility in aqueous electrolyte. National Science Review, 2022, 9, .	4.6	53
31	Rapid low-temperature synthesis of perovskite/carbon nanocomposites as superior electrocatalysts for oxygen reduction in Zn-air batteries. Nano Research, 2018, 11, 3282-3293.	5.8	44
32	Isolated diatomic Zn–Fe in N-doped carbon for electrocatalytic nitrogen reduction to ammonia. Chemical Communications, 2020, 56, 11957-11960.	2.2	43
33	Flexible and Tailorable Naâ^'CO ₂ Batteries Based on an Allâ€Solidâ€State Polymer Electrolyte. ChemElectroChem, 2018, 5, 3628-3632.	1.7	42
34	Coupling NiCo Alloy and CeO ₂ to Enhance Electrocatalytic Hydrogen Evolution in Alkaline Solution. Advanced Sustainable Systems, 2020, 4, 2000122.	2.7	36
35	Electrodeposition Accelerates Metal-Based Batteries. Joule, 2020, 4, 10-11.	11.7	36
36	Atomic-Level Modulation-Induced Electron Redistribution in Co Coordination Polymers Elucidates the Oxygen Reduction Mechanism. ACS Catalysis, 2022, 12, 7531-7540.	5.5	36

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37	In Situ Surface Selfâ€Reconstruction Strategies in Liâ€Rich Mnâ€Based Layered Cathodes for Energyâ€Dense Liâ€Ion Batteries. Advanced Functional Materials, 2022, 32, .	7.8	35
38	An MXeneâ€Based Metal Anode with Stepped Sodiophilic Gradient Structure Enables a Large Current Density for Rechargeable Na–O ₂ Batteries. Advanced Materials, 2022, 34, e2106565.	11.1	35
39	In situ Synthesis of a Bismuth Layer on a Sodium Metal Anode for Fast Interfacial Transport in Sodiumâ€Oxygen Batteries. Batteries and Supercaps, 2019, 2, 663-667.	2.4	32
40	Rational design and synthesis of two-dimensional conjugated metal-organic polymers for electrocatalysis applications. CheM, 2022, 8, 1822-1854.	5.8	32
41	Syntheses, challenges and modifications of single-crystal cathodes for lithium-ion battery. Journal of Energy Chemistry, 2021, 63, 217-229.	7.1	30
42	Spent alkaline battery-derived manganese oxides as efficient oxygen electrocatalysts for Zn–air batteries. Inorganic Chemistry Frontiers, 2018, 5, 2167-2173.	3.0	29
43	Facile synthesis of amorphous MoS _x –Fe anchored on Zr-MOFs towards efficient and stable electrocatalytic hydrogen evolution. Chemical Communications, 2020, 56, 2763-2766.	2.2	27
44	Ethylene glycol stabilized NaBH4 reduction for preparation carbon-supported Pt–Co alloy nanoparticles used as oxygen reduction electrocatalysts for microbial fuel cells. Journal of Solid State Electrochemistry, 2014, 18, 1087-1097.	1.2	26
45	Quinone Electrodes for Alkali–Acid Hybrid Batteries. Journal of the American Chemical Society, 2022, 144, 8066-8072.	6.6	23
46	Electrodeposition of Pt-Decorated Ni(OH) ₂ /CeO ₂ Hybrid as Superior Bifunctional Electrocatalyst for Water Splitting. Research, 2020, 2020, 9068270.	2.8	19
47	Layered H _{0.68} Ti _{1.83} O ₄ /reduced graphene oxide nanosheets as a novel cathode for rechargeable magnesium batteries. Chemical Communications, 2019, 55, 14578-14581.	2.2	14
48	Production and Characterization of Biodiesel Derived from a Novel Source Koelreuteria paniculata Seed Oil. Energies, 2020, 13, 791.	1.6	13
49	Optimization, Transesterification and Analytical Study of Rhus typhina Non-Edible Seed Oil as Biodiesel Production. Energies, 2019, 12, 4290.	1.6	12
50	A 3D Hydroxylated MXene/Carbon Nanotubes Composite as a Scaffold for Dendriteâ€Free Sodiumâ€Metal Electrodes. Angewandte Chemie, 2020, 132, 16848.	1.6	11
51	A Universal Graphene Quantum Dot Tethering Design Strategy to Synthesize Singleâ€Atom Catalysts. Angewandte Chemie, 2020, 132, 22069-22073.	1.6	9
52	Regulating Electrocatalytic Oxygen Reduction Activity of a Metal Coordination Polymer via d–π Conjugation. Angewandte Chemie, 2021, 133, 17074-17078.	1.6	9
53	Modulation of 17β-estradiol induced estrogenic responses in male goldfish (Carassius auratus) by benzo[a]pyrene and ketoconazole. Environmental Science and Pollution Research, 2016, 23, 9036-9045.	2.7	7
54	Extraction and Quality Evaluation of Biodiesel from Six Familiar Non-Edible Plants Seeds. Processes, 2021, 9, 840.	1.3	6

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55	Insights into the Ionic Conduction Mechanism of Quasiâ€Solid Polymer Electrolytes through Multispectral Characterization. Angewandte Chemie, 2021, 133, 22854-22859.	1.6	5
56	Influence of organic colloids on uptake, accumulation and effects of benzophenone-3 in aquatic animals. Environmental Science: Nano, 0, , .	2.2	2
57	Hybrid Nanosheet Arrays: Boosting Activity on Co ₄ N Porous Nanosheet by Coupling CeO ₂ for Efficient Electrochemical Overall Water Splitting at High Current Densities (Adv. Funct. Mater. 32/2020). Advanced Functional Materials, 2020, 30, 2070213.	7.8	1