Rui-Qi Yao

List of Publications by Year
in descending order

12	1,022	933447 10	1281871 11
papers	citations	h-index	g-index

12	12	12	1283
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lamella-nanostructured eutectic zincâ€“aluminum alloys as reversible and dendrite-free anodes for aqueous rechargeable batteries. Nature Communications, 2020, 11, 1634.	12.8	426
2	Spontaneously separated intermetallic Co3Mo from nanoporous copper as versatile electrocatalysts for highly efficient water splitting. Nature Communications, 2020, 11, 2940.	12.8	146
3	Nanoporous Surface Highâ€Entropy Alloys as Highly Efficient Multisite Electrocatalysts for Nonacidic Hydrogen Evolution Reaction. Advanced Functional Materials, 2021, 31, 2009613.	14.9	145
4	Flexible Coâ€“Moâ€“N/Au Electrodes with a Hierarchical Nanoporous Architecture as Highly Efficient Electrocatalysts for Oxygen Evolution Reaction. Advanced Materials, 2020, 32, e1907214.	21.0	114
5	Nanoporous Palladiumâ€“Silver Surface Alloys as Efficient and pH-Universal Catalysts for the Hydrogen Evolution Reaction. ACS Energy Letters, 2019, 4, 1379-1386.	17.4	72
6	Nanoporous gold supported chromium-doped NiFe oxyhydroxides as high-performance catalysts for the oxygen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 9690-9697.	10.3	33
7	Nanoporous Intermetallic Cu₃Sn/Cu Hybrid Electrodes as Efficient Electrocatalysts for Carbon Dioxide Reduction. Small, 2021, 17, e2100683.	10.0	22
8	Intermetallic Cu ₅ Zr Clusters Anchored on Hierarchical Nanoporous Copper as Efficient Catalysts for Hydrogen Evolution Reaction. Research, 2020, 2020, 2987234.	5.7	21
9	Nanoporous (Pt_{1â^'x}Fe_x)₃Al intermetallic compounds for greatly enhanced oxygen electroreduction catalysis. Journal of Materials Chemistry A, 2016, 4, 18878-18884.	10.3	19
10	Hierarchical nanoporous intermetallic compounds with self-grown transition-metal hydroxides as bifunctional catalysts for the alkaline hydrogen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 25925-25931.	10.3	15
11	Recent advances of nanoporous metal-based catalyst: synthesis, application and perspectives. Journal of Iron and Steel Research International, 2019, 26, 779-795.	2.8	9
12	Self-supported hierarchical nanoporous Cu/Mo@MoOx hybrid electrodes as robust nonprecious electrocatalysts for high-efficiency hydrogen evolution. Current Nanoscience, 2021, 16, .	1.2	0