Zhenguo Guo

List of Publications by Year
in descending order

13	1,256	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	1628
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ru single atoms and nanoclusters on highly porous N-doped carbon as a hydrogen evolution catalyst in alkaline solutions with ultrahigh mass activity and turnover frequency. Journal of Materials Chemistry A, 2021, 9, 12196-12202.	10.3	28
2	Tandem catalysis in electrochemical CO2 reduction reaction. Nano Research, 2021, 14, 4471-4486.	10.4	105
3	Roles of Co Dopants in Electrocatalytic Hydrogen Evolution by N-Rich Carbon Nanotubes Grafted on Carbon Layers. ACS Applied Nano Materials, 2021, 4, 11830-11840.	5.0	4
4	Organicâ€“Inorganic Hybrid Nanomaterials for Electrocatalytic CO₂ Reduction. Small, 2020, 16, e2001847.	10.0	79
5	Efficient pollutant degradation via non-radical dominated pathway by self-regenerative Ru(bpy)32+/peroxydisulfate under visible light. Chemical Engineering Journal, 2020, 400, 125993.	12.7	7
6	A highly active and robust iron quinquepyridine complex for photocatalytic CO₂ reduction in aqueous acetonitrile solution. Chemical Communications, 2020, 56, 6249-6252.	4.1	21
7	Selectivity control of CO versus HCOOâ¯ production in the visible-light-driven catalytic reduction of CO2 with two cooperative metal sites. Nature Catalysis, 2019, 2, 801-808.	34.4	153
8	Highly Selective Molecular Catalysts for the CO₂-to-CO Electrochemical Conversion at Very Low Overpotential. Contrasting Fe vs Co Quaterpyridine Complexes upon Mechanistic Studies. ACS Catalysis, 2018, 8, 3411-3417.	11.2	141
9	Photocatalytic Conversion of CO₂ to CO by a Copper(II) Quaterpyridine Complex. ChemSusChem, 2017, 10, 4009-4013.	6.8	74
10	Highly Efficient and Selective Photocatalytic CO₂ Reduction by Iron and Cobalt Quaterpyridine Complexes. Journal of the American Chemical Society, 2016, 138, 9413-9416.	13.7	276
11	Molecular Catalysis of the Electrochemical and Photochemical Reduction of CO₂ with Earth-Abundant Metal Complexes. Selective Production of CO vs HCOOH by Switching of the Metal Center. Journal of the American Chemical Society, 2015, 137, 10918-10921.	13.7	294
12	Novel honeycomb nanosphere Au@Pt bimetallic nanostructure as a high performance electrocatalyst for methanol and formic acid oxidation. Electrochimica Acta, 2014, 134, 411-417.	5.2	39
13	Highly stable and active PtNiFe dandelion-like alloys for methanol electrooxidation. Journal of Materials Chemistry A, 2013, 1, 13252.	10.3	32