Gui Chen

List of Publications by Year
in descending order

21	1,104	516710	642732
papers	citations	16	23
		h-index	g-index

23	23	23	1405
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Efficient Photocatalytic Reduction of CO_2 to CO by In Situ Formation of a Hybrid Catalytic System Based on Molecular Iron Quaterpyridine Covalently Linked to Carbon Nitride. Angewandte Chemie - International Edition, 2022, 61, .	13.8	43
2	Highly Efficient Photocatalytic Reduction of CO_2 to CO by In Situ Formation of a Hybrid Catalytic System Based on Molecular Iron Quaterpyridine Covalently Linked to Carbon Nitride. Angewandte Chemie, 2022, 134, .	2.0	6
3	Selective Photocatalytic Reduction of CO_2 to Syngas Over Tunable Metalâ€Perovskite Interface. ChemSusChem, 2022, 15, .	6.8	10
4	Au cluster anchored on TiO2/Ti3C2 hybrid composites for efficient photocatalytic CO2 reduction. Rare Metals, 2022, 41, 3045-3059.	7.1	18
5	Keys Unlocking Redispersion of Reactive PdO_x Nanoclusters on Ce-Functionalized Perovskite Oxides for Methane Activation. ACS Applied Materials & Interfaces, 2022, 14, 30704-30713.	8.0	5
6	Cooperative activating effects of metal ion and BrÃ¸nsted acid on a metal oxo species. Chemical Science, 2021, 12, 632-638.	7.4	6
7	Hybridization of Molecular and Graphene Materials for CO_2 Photocatalytic Reduction with Selectivity Control. Journal of the American Chemical Society, 2021, 143, 8414-8425.	13.7	64
8	Electrocatalytic and Photocatalytic Reduction of Carbon Dioxide by Earthâ€Abundant Bimetallic Molecular Catalysts. ChemPhysChem, 2021, 22, 1835-1843.	2.1	21
9	Molecular quaterpyridine-based metal complexes for small molecule activation: water splitting and CO_2 reduction. Chemical Society Reviews, 2020, 49, 7271-7283.	38.1	57
10	Efficient Visible-Light-Driven CO_2 Reduction by a Cobalt Molecular Catalyst Covalently Linked to Mesoporous Carbon Nitride. Journal of the American Chemical Society, 2020, 142, 6188-6195.	13.7	199
11	A highly active and robust iron quinquepyridine complex for photocatalytic CO_2 reduction in aqueous acetonitrile solution. Chemical Communications, 2020, 56, 6249-6252.	4.1	21
12	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
13	A molecular noble metal-free system for efficient visible light-driven reduction of CO_2 to CO. Dalton Transactions, 2019, 48, 9596-9602.	3.3	37
14	Intermediates in the Oxidative Degradation of a Rutheniumâ€Bound 2,2â€²â€Bipyridylâ€"Phenoxy Ligand during Catalytic Water Oxidation. ChemCatChem, 2018, 10, 501-504.	3.7	20
15	Mechanism of Water Oxidation by Ferrate(VI) at pHâ€...7â€"9. Chemistry - A European Journal, 2018, 24, 18735-18742.	3.3	23
16	Photocatalytic oxidation of alkenes and alcohols in water by a manganese(v) nitrido complex. Chemical Communications, 2016, 52, 9271-9274.	4.1	20
17	Effects of morphology and exposed facets of Î±-Fe_2O_3 nanocrystals on photocatalytic water oxidation. RSC Advances, 2015, 5, 52210-52216.	3.6	35
18	Dual Homogeneous and Heterogeneous Pathways in Photo- and Electrocatalytic Hydrogen Evolution with Nickel(II) Catalysts Bearing Tetradentate Macrocyclic Ligands. ACS Catalysis, 2015, 5, 356-364.	11.2	75

#	Article	IF	Citations
19	Efficient Chemical and Visible‐Light‐Driven Water Oxidation using Nickel Complexes and Salts as Precatalysts. ChemSusChem, 2014, 7, 127-134.	6.8	70
20	Chemical and Visible‐Light‐Driven Water Oxidation by Iron Complexes at pH 7–9: Evidence for Dual‐Active Intermediates in Iron‐Catalyzed Water Oxidation. Angewandte Chemie - International Edition, 2013, 52, 1789-1791.	13.8	171
21	Binuclear (salen)osmium phosphinidine and phosphiniminato complexes. Dalton Transactions, 2011, 40, 1938.	3.3	13