Lingjing Chen

List of Publications by Year
in descending order

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21	1,967	394421 19	642732 23
papers	citations	h-index	g-index

23	23	23	2347
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Efficient Photocatalytic Reduction of CO₂ 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 CO₂ 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	Hybridization of Molecular and Graphene Materials for CO₂ Photocatalytic Reduction with Selectivity Control. Journal of the American Chemical Society, 2021, 143, 8414-8425.	13.7	64
4	Electrocatalytic and Photocatalytic Reduction of Carbon Dioxide by Earthâ€Abundant Bimetallic Molecular Catalysts. ChemPhysChem, 2021, 22, 1835-1843.	2.1	21
5	Molecular quaterpyridine-based metal complexes for small molecule activation: water splitting and CO₂ reduction. Chemical Society Reviews, 2020, 49, 7271-7283.	38.1	57
6	Efficient Visible-Light-Driven CO₂ 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
7	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
8	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
9	An Iron Quaterpyridine Complex as Precursor for the Electrocatalytic Reduction of CO₂ to Methane. ChemSusChem, 2019, 12, 4500-4505.	6.8	23
10	A molecular noble metal-free system for efficient visible light-driven reduction of CO₂ to CO. Dalton Transactions, 2019, 48, 9596-9602.	3.3	37
11	Molecular Electrochemical Catalysis of the CO₂-to-CO Conversion with a Co Complex: A Cyclic Voltammetry Mechanistic Investigation. Organometallics, 2019, 38, 1280-1285.	2.3	24
12	A Hybrid Co Quaterpyridine Complex/Carbon Nanotube Catalytic Material for CO₂ Reduction in Water. Angewandte Chemie - International Edition, 2018, 57, 7769-7773.	13.8	101
13	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
14	Mechanism of Water Oxidation by Ferrate(VI) at pHâ€...7â€“9. Chemistry - A European Journal, 2018, 24, 18735-18742.	3.3	23
15	A Hybrid Co Quaterpyridine Complex/Carbon Nanotube Catalytic Material for CO₂ Reduction in Water. Angewandte Chemie, 2018, 130, 7895-7899.	2.0	24
16	A Carbon Nitride/Fe Quaterpyridine Catalytic System for Photostimulated CO₂-to-CO Conversion with Visible Light. Journal of the American Chemical Society, 2018, 140, 7437-7440.	13.7	160
17	Oxidation of Alkanes by Periodate Using a Mn^V Nitrido Complex as Catalyst. Chemistry - an Asian Journal, 2016, 11, 2846-2848.	3.3	2
18	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

#	Article	IF	Citations
19	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
20	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
21	A cobalt(ii) quaterpyridine complex as a visible light-driven catalyst for both water oxidation and reduction. Energy and Environmental Science, 2012, 5, 7903.	30.8	186