

Lingjing Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9080846/publications.pdf>

Version: 2024-02-01

21
papers

1,967
citations

394421

19
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

2347
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Catalysis of the Electrochemical and Photochemical Reduction of CO ₂ with Earth-Abundant Metal Complexes. Selective Production of CO vs HCOOH by Switching of the Metal Center. <i>Journal of the American Chemical Society</i> , 2015, 137, 10918-10921.	13.7	294
2	Highly Efficient and Selective Photocatalytic CO ₂ Reduction by Iron and Cobalt Quaterpyridine Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 9413-9416.	13.7	276
3	Efficient Visible-Light-Driven CO ₂ Reduction by a Cobalt Molecular Catalyst Covalently Linked to Mesoporous Carbon Nitride. <i>Journal of the American Chemical Society</i> , 2020, 142, 6188-6195.	13.7	199
4	A cobalt(ii) quaterpyridine complex as a visible light-driven catalyst for both water oxidation and reduction. <i>Energy and Environmental Science</i> , 2012, 5, 7903.	30.8	186
5	A Carbon Nitride/Fe Quaterpyridine Catalytic System for Photostimulated CO ₂ -to-CO Conversion with Visible Light. <i>Journal of the American Chemical Society</i> , 2018, 140, 7437-7440.	13.7	160
6	Selectivity control of CO versus HCOO ⁻ production in the visible-light-driven catalytic reduction of CO ₂ with two cooperative metal sites. <i>Nature Catalysis</i> , 2019, 2, 801-808.	34.4	153
7	Highly Selective Molecular Catalysts for the CO ₂ -to-CO Electrochemical Conversion at Very Low Overpotential. Contrasting Fe vs Co Quaterpyridine Complexes upon Mechanistic Studies. <i>ACS Catalysis</i> , 2018, 8, 3411-3417.	11.2	141
8	A Hybrid Co Quaterpyridine Complex/Carbon Nanotube Catalytic Material for CO ₂ Reduction in Water. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7769-7773.	13.8	101
9	Dual Homogeneous and Heterogeneous Pathways in Photo- and Electrocatalytic Hydrogen Evolution with Nickel(II) Catalysts Bearing Tetradentate Macrocyclic Ligands. <i>ACS Catalysis</i> , 2015, 5, 356-364.	11.2	75
10	Hybridization of Molecular and Graphene Materials for CO ₂ Photocatalytic Reduction with Selectivity Control. <i>Journal of the American Chemical Society</i> , 2021, 143, 8414-8425.	13.7	64
11	Molecular quaterpyridine-based metal complexes for small molecule activation: water splitting and CO ₂ reduction. <i>Chemical Society Reviews</i> , 2020, 49, 7271-7283.	38.1	57
12	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. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	43
13	A molecular noble metal-free system for efficient visible light-driven reduction of CO ₂ to CO. <i>Dalton Transactions</i> , 2019, 48, 9596-9602.	3.3	37
14	A Hybrid Co Quaterpyridine Complex/Carbon Nanotube Catalytic Material for CO ₂ Reduction in Water. <i>Angewandte Chemie</i> , 2018, 130, 7895-7899.	2.0	24
15	Molecular Electrochemical Catalysis of the CO ₂ -to-CO Conversion with a Co Complex: A Cyclic Voltammetry Mechanistic Investigation. <i>Organometallics</i> , 2019, 38, 1280-1285.	2.3	24
16	Mechanism of Water Oxidation by Ferrate(VI) at pH 9. <i>Chemistry - A European Journal</i> , 2018, 24, 18735-18742.	3.3	23
17	An Iron Quaterpyridine Complex as Precursor for the Electrocatalytic Reduction of CO ₂ to Methane. <i>ChemSusChem</i> , 2019, 12, 4500-4505.	6.8	23
18	A highly active and robust iron quinquepyridine complex for photocatalytic CO ₂ reduction in aqueous acetonitrile solution. <i>Chemical Communications</i> , 2020, 56, 6249-6252.	4.1	21

#	ARTICLE	IF	CITATIONS
19	Electrocatalytic and Photocatalytic Reduction of Carbon Dioxide by Earth-Abundant Bimetallic Molecular Catalysts. <i>ChemPhysChem</i> , 2021, 22, 1835-1843.	2.1	21
20	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. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
21	Oxidation of Alkanes by Periodate Using a Mn ^V Nitrido Complex as Catalyst. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2846-2848.	3.3	2