Claudio Cometto

List of Publications by Year
in descending order

15 papers	1,788 citations	623734 14 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	2214 citing authors

#	Article	IF	Citations
1	Molecular quaterpyridine-based metal complexes for small molecule activation: water splitting and CO₂ reduction. Chemical Society Reviews, 2020, 49, 7271-7283.	38.1	57
2	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
3	An Iron Quaterpyridine Complex as Precursor for the Electrocatalytic Reduction of CO₂ to Methane. ChemSusChem, 2019, 12, 4500-4505.	6.8	23
4	A New Electrolyte Formulation for Securing High Temperature Cycling and Storage Performances of Naâ€Ion Batteries. Advanced Energy Materials, 2019, 9, 1901431.	19.5	59
5	Means of Using Cyclic Voltammetry to Rapidly Design a Stable DMC-Based Electrolyte for Na-Ion Batteries. Journal of the Electrochemical Society, 2019, 166, A3723-A3730.	2.9	33
6	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
7	Single LiBH4 nanocrystal stochastic impacts at a micro water|ionic liquid interface. Electrochimica Acta, 2019, 299, 222-230.	5.2	13
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	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
10	Local Proton Source in Electrocatalytic CO₂ Reduction with [Mn(bpyâ€“R)(CO)₃Br] Complexes. Chemistry - A European Journal, 2017, 23, 4782-4793.	3.3	123
11	Photocatalytic Conversion of CO₂ to CO by a Copper(II) Quaterpyridine Complex. ChemSusChem, 2017, 10, 4009-4013.	6.8	74
12	Electrons, Photons, Protons and Earth-Abundant Metal Complexes for Molecular Catalysis of CO₂ Reduction. ACS Catalysis, 2017, 7, 70-88.	11.2	558
13	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
14	Electrochemical Reduction of CO₂ by M(CO)₄(diimine) Complexes (M=Mo, W): Catalytic Activity Improved by 2,2â€²â€Dipyridylamine. ChemElectroChem, 2015, 2, 1372-1379.	3.4	46
15	Photoâ€and Electrocatalytic Reduction of CO₂ by [Re(CO)₃{Î±,Î±â€²â€Diimineâ€(4â€piperidinylâ€1,8â€naphthalimide)}Cl] Complexes. European Journal of Inorganic Chemistry, 2015, 2015, 296-304.	2.0	45