Claudio Cometto

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|----------------|-----------|
| 1 | Electrons, Photons, Protons and Earth-Abundant Metal Complexes for Molecular Catalysis of CO ₂ Reduction. ACS Catalysis, 2017, 7, 70-88. | 11.2 | 558 |
| 2 | Highly Efficient and Selective Photocatalytic CO ₂ Reduction by Iron and Cobalt Quaterpyridine Complexes. Journal of the American Chemical Society, 2016, 138, 9413-9416. | 13.7 | 276 |
| 3 | A Carbon Nitride/Fe Quaterpyridine Catalytic System for Photostimulated CO ₂ -to-CO Conversion with Visible Light. Journal of the American Chemical Society, 2018, 140, 7437-7440. | 13.7 | 160 |
| 4 | 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 |
| 5 | 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. ACS Catalysis, 2018, 8, 3411-3417. | 11.2 | 141 |
| 6 | Local Proton Source in Electrocatalytic CO ₂ Reduction with [Mn(bpy–R)(CO) ₃ Br] Complexes. Chemistry - A European Journal, 2017, 23, 4782-4793. | 3.3 | 123 |
| 7 | Photocatalytic Conversion of CO ₂ to CO by a Copper(II) Quaterpyridine Complex. ChemSusChem, 2017, 10, 4009-4013. | 6.8 | 74 |
| 8 | 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 |
| 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 | Electrochemical Reduction of CO ₂ by M(CO) ₄ (diimine) Complexes (M=Mo, W): Catalytic Activity Improved by 2,2′â€Đipyridylamine. ChemElectroChem, 2015, 2, 1372-1379. | 3.4 | 46 |
| 11 | Photo―and Electrocatalytic Reduction of CO ₂ by [Re(CO) ₃ {α,α′â€Diimineâ€(4â€piperidinylâ€1,8â€naphthalimide)}Cl] Complexes. European Jour Inorganic Chemistry, 2015, 2015, 296-304. | n al of | 45 |
| 12 | 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 |
| 13 | Molecular Electrochemical Catalysis of the CO ₂ -to-CO Conversion with a Co Complex: A Cyclic Voltammetry Mechanistic Investigation. Organometallics, 2019, 38, 1280-1285. | 2.3 | 24 |
| 14 | An Iron Quaterpyridine Complex as Precursor for the Electrocatalytic Reduction of CO ₂ to Methane. ChemSusChem, 2019, 12, 4500-4505. | 6.8 | 23 |
| 15 | Single LiBH4 nanocrystal stochastic impacts at a micro water ionic liquid interface. Electrochimica Acta, 2019, 299, 222-230. | 5.2 | 13 |