Nicolas Queyriaux

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6475073/publications.pdf

Version: 2024-02-01

20 papers	925 citations	687220 13 h-index	794469 19 g-index
20 all docs	20 docs citations	20 times ranked	1352 citing authors

#	Article	IF	Citations
1	Recent developments in hydrogen evolving molecular cobalt(II)â€“polypyridyl catalysts. Coordination Chemistry Reviews, 2015, 304-305, 3-19.	9.5	205
2	Nickel-centred proton reduction catalysis in a model of [NiFe] hydrogenase. Nature Chemistry, 2016, 8, 1054-1060.	6.6	200
3	Electrocatalytic Hydrogen Evolution with a Cobalt Complex Bearing Pendant Proton Relays: Acid Strength and Applied Potential Govern Mechanism and Stability. Journal of the American Chemical Society, 2020, 142, 274-282.	6.6	92
4	Molecular cathode and photocathode materials for hydrogen evolution in photoelectrochemical devices. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2015, 25, 90-105.	5.6	84
5	Photoreversible fragmentation of a liquid interface for micro-droplet generation by light actuation. Lab on A Chip, 2011, 11, 2666.	3.1	48
6	Tuning Reactivity of Bioinspired [NiFe]-Hydrogenase Models by Ligand Design and Modeling the CO Inhibition Process. ACS Catalysis, 2018, 8, 10658-10667.	5.5	47
7	A noble metal-free photocatalytic system based on a novel cobalt tetrapyridyl catalyst for hydrogen production in fully aqueous medium. Sustainable Energy and Fuels, 2018, 2, 553-557.	2.5	37
8	Aqueous Photocurrent Measurements Correlated to Ultrafast Electron Transfer Dynamics at Ruthenium Tris Diimine Sensitized NiO Photocathodes. Journal of Physical Chemistry C, 2017, 121, 5891-5904.	1.5	33
9	Dye-sensitized PS- b -P2VP-templated nickel oxide films for photoelectrochemical applications. Interface Focus, 2015, 5, 20140083.	1.5	32
10	Redox-Active Ligands in Electroassisted Catalytic H⁺ and CO₂ Reductions: Benefits and Risks. ACS Catalysis, 2021, 11, 4024-4035.	5.5	27
11	Identification of Three-Way DNA Junction Ligands through Screening of Chemical Libraries and Validation by Complementary in Vitro Assays. Journal of Medicinal Chemistry, 2019, 62, 4456-4466.	2.9	25
12	From non-innocent to guilty: on the role of redox-active ligands in the electro-assisted reduction of CO₂ mediated by a cobalt(<scp>ii</scp>)-polypyridyl complex. Sustainable Energy and Fuels, 2020, 4, 3668-3676.	2.5	22
13	Ligand-based electronic effects on the electrocatalytic hydrogen production by thiosemicarbazone nickel complexes. Dalton Transactions, 2020, 49, 5064-5073.	1.6	20
14	Hydrogen Production at a NiO Photocathode Based on a Ruthenium Dyeâ€“Cobalt Diimine Dioxime Catalyst Assembly: Insights from Advanced Spectroscopy and Post-operando Characterization. ACS Applied Materials & Interfaces, 2021, 13, 49802-49815.	4.0	16
15	CuAAC-based assembly and characterization of a rutheniumâ€“copper dyad containing a diimineâ€“dioxime ligand framework. Faraday Discussions, 2017, 198, 251-261.	1.6	12
16	Piano-stool d 6 -rhodium(III) complexes of chelating pyridine-based ligands and their papain bioconjugates for the catalysis of transfer hydrogenation of aryl ketones in aqueous medium. Journal of Molecular Catalysis B: Enzymatic, 2015, 122, 314-322.	1.8	9
17	Synthesis of Ruthenium Trisâ€Diimine Photosensitizers Substituted by Four Methylphosphonate Anchoring Groups for Dyeâ€Sensitized Photoelectrochemical Cell Applications. European Journal of Inorganic Chemistry, 2019, 2019, 2154-2161.	1.0	9
18	Mechanistic insights on the non-innocent role of electron donors: reversible photocapture of CO₂ by Ru^{II}-polypyridyl complexes. Dalton Transactions, 2019, 48, 16894-16898.	1.6	6

#	Article	IF	Citations
19	A Masked Form of an Oâ€Borylated Breslow Intermediate for the Diastereoselective FLPâ€Type Activation of Aldehydes. Chemistry - A European Journal, 2022, 28, .	1.7	1
20	Electrochemical, Spectroscopic, and Computational Investigation of a Series of Polypyridyl Ruthenium(II) Complexes: Characterization of Reduced States. European Journal of Inorganic Chemistry, 2021, 2021, 1263-1270.	1.0	0