Nicolas Kaeffer

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Electrocatalytic Semihydrogenation of Alkynes with [Ni(bpy)₃]²⁺. Jacs Au, 2022, 2, 573-578.	3.6	18
2	Electrocatalysis with Molecular Transition-Metal Complexes for Reductive Organic Synthesis. Jacs Au, 2022, 2, 1266-1289.	3.6	24
3	Systematic Variation of 3d Metal Centers in a Redox-Innocent Ligand Environment: Structures, Electrochemical Properties, and Carbon Dioxide Activation. Inorganic Chemistry, 2021, , .	1.9	5
4	Small and Narrowly Distributed Copper Nanoparticles Supported on Carbon Prepared by Surface Organometallic Chemistry for Selective Hydrogenation and CO 2 Electroconversion Processes. ChemCatChem, 2020, 12, 305-313.	1.8	9
5	Nâ€Heterocyclic Carbene Coordination to Surface Copper Sites in Selective Semihydrogenation Catalysts from Solidâ€State NMR Spectroscopy. Angewandte Chemie, 2020, 132, 20174-20182.	1.6	3
6	Atomically Dispersed Iridium on Indium Tin Oxide Efficiently Catalyzes Water Oxidation. ACS Central Science, 2020, 6, 1189-1198.	5.3	47
7	Nâ€Heterocyclic Carbene Coordination to Surface Copper Sites in Selective Semihydrogenation Catalysts from Solidâ€State NMR Spectroscopy. Angewandte Chemie - International Edition, 2020, 59, 19999-20007.	7.2	24
8	A robust ALD-protected silicon-based hybrid photoelectrode for hydrogen evolution under aqueous conditions. Chemical Science, 2019, 10, 4469-4475.	3.7	25
9	The Key Ru^V=O Intermediate of Site-Isolated Mononuclear Water Oxidation Catalyst Detected by <i>in Situ</i> X-ray Absorption Spectroscopy. Journal of the American Chemical Society, 2018, 140, 451-458.	6.6	83
10	An N-heterocyclic carbene ligand promotes highly selective alkyne semihydrogenation with copper nanoparticles supported on passivated silica. Chemical Science, 2018, 9, 5366-5371.	3.7	52
11	Origin of ligand-driven selectivity in alkyne semihydrogenation over silica-supported copper nanoparticles. Journal of Catalysis, 2018, 364, 437-445.	3.1	21
12	Insights into the mechanism and aging of a noble-metal free H₂-evolving dye-sensitized photocathode. Chemical Science, 2018, 9, 6721-6738.	3.7	31
13	The Dark Side of Molecular Catalysis: Diimineâ€“Dioxime Cobalt Complexes Are Not the Actual Hydrogen Evolution Electrocatalyst in Acidic Aqueous Solutions. ACS Catalysis, 2016, 6, 3727-3737.	5.5	129
14	Covalent Design for Dye-Sensitized H₂-Evolving Photocathodes Based on a Cobalt Diimineâ€“Dioxime Catalyst. Journal of the American Chemical Society, 2016, 138, 12308-12311.	6.6	142
15	Molecular engineered nanomaterials for catalytic hydrogen evolution and oxidation. Chemical Communications, 2016, 52, 13728-13748.	2.2	98
16	Photoelectrochemical Reduction of CO₂ Coupled to Water Oxidation Using a Photocathode with a Ru(II)â€“Re(I) Complex Photocatalyst and a CoO_{<i>x</i>}/TaON Photoanode. Journal of the American Chemical Society, 2016, 138, 14152-14158.	6.6	260
17	A comprehensive comparison of dye-sensitized NiO photocathodes for solar energy conversion. Physical Chemistry Chemical Physics, 2016, 18, 10727-10738.	1.3	135
18	Oxygen Tolerance of a Molecular Engineered Cathode for Hydrogen Evolution Based on a Cobalt Diimineâ€“Dioxime Catalyst. Journal of Physical Chemistry B, 2015, 119, 13707-13713.	1.2	41

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19	Dye-sensitized PS- <i>b</i> -P2VP-templated nickel oxide films for photoelectrochemical applications. Interface Focus, 2015, 5, 20140083.	1.5	32
20	Hydrogen Evolution Catalyzed by Cobalt Diimineâ€“Dioxime Complexes. Accounts of Chemical Research, 2015, 48, 1286-1295.	7.6	228
21	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