Bruno Faure

List of Publications by Year
in descending order

32 papers	557 citations	687363 13 h-index	642732 23 g-index
33 all docs	33 docs citations	33 times ranked	753 citing authors

#	Article	IF	Citations
1	Modulation of laccase catalysed oxidations at the surface of magnetic nanoparticles. Colloids and Surfaces B: Biointerfaces, 2021, 206, 111963.	5.0	1
2	Hydrogen evolution reaction mediated by an all-sulfur trinuclear nickel complex. Chemical Communications, 2020, 56, 11106-11109.	4.1	8
3	The role of methylation in the copper(<scp>ii</scp>) coordination properties of a His-containing decapeptide. Dalton Transactions, 2019, 48, 1859-1870.	3.3	2
4	Electrochemical Water Oxidation and Stereoselective Oxygen Atom Transfer Mediated by a Copper Complex. Chemistry - A European Journal, 2018, 24, 5213-5224.	3.3	37
5	Influence of the Metal Ion on the Electrocatalytic Hydrogen Production by a Thiosemicarbazone Palladium Complex. European Journal of Inorganic Chemistry, 2018, 2018, 2259-2266.	2.0	23
6	Effect of ligand exchange on the one-electron oxidation process of alkoxo or phenoxo bridged binuclear copper(II) complexes. Inorganica Chimica Acta, 2018, 481, 113-119.	2.4	4
7	Magneto-Structural and Computational Study of a Tetranuclear Copper Complex Displaying Carbonyl-Ï€ Interactions. European Journal of Inorganic Chemistry, 2018, 2018, 5039-5046.	2.0	3
8	Characterization of a Dinuclear Copper(II) Complex and Its Fleeting Mixedâ€Valent Copper(II)/Copper(III) Counterpart. ChemPlusChem, 2017, 82, 615-624.	2.8	9
9	Oxidative DNA Cleavage Promoted by a Phenoxyl-Radical Copper(II) Complex. European Journal of Inorganic Chemistry, 2016, 2016, 5575-5584.	2.0	4
10	Supramolecular complexes involving non-symmetric viologen cations and hexacyanoferrate(<scp>ii</scp>) anions. A spectroscopic, crystallographic and computational study. RSC Advances, 2016, 6, 575-585.	3.6	17
11	Epoxide hydrolase-catalyzed enantioselective conversion of trans -stilbene oxide: Insights into the reaction mechanism from steady-state and pre-steady-state enzyme kinetics. Archives of Biochemistry and Biophysics, 2016, 591, 66-75.	3.0	5
12	Synthesis and Characterization of a Dinuclear Copper Complex Bearing a Hydrophobic Cavity as a Model for Copperâ€Containing Monooxygenases. European Journal of Inorganic Chemistry, 2015, 2015, 3512-3518.	2.0	0
13	Reactivity of dinuclear copper(II) complexes towards melanoma cells: Correlation with its stability, tyrosinase mimicking and nuclease activity. Journal of Inorganic Biochemistry, 2015, 149, 49-58.	3.5	9
14	Comparison of heme and nonheme iron-based 1-aminocyclopropane-1-carboxylic acid oxidase mimics: kinetic, mechanistic and computational studies. RSC Advances, 2015, 5, 2075-2079.	3.6	2
15	Laccases as palladium oxidases. Chemical Science, 2015, 6, 1247-1251.	7.4	21
16	Visible Light-Driven O₂ Reduction by a Porphyrinâ€“Laccase System. Journal of the American Chemical Society, 2013, 135, 3095-3103.	13.7	49
17	Binuclear copper(II) complexes 1: Synthesis, characterization and evaluation of a new complex in phosphatase-like activity. Inorganica Chimica Acta, 2012, 391, 189-194.	2.4	4
18	Silicaâ€Catalysed and Highly Stereoselective Convergent and Nonconvergent Rearrangements of Menthone Enol Acetate Epoxides: Easy Access to the Four Î±â€Hydroxymenthone Stereoisomers. European Journal of Organic Chemistry, 2012, 2012, 4365-4372.	2.4	7

#	Article	IF	Citations
19	Binding of 2-Hydroxypyridine-N-oxide on Dicopper(II) Centers: Insights into Tyrosinase Inhibition Mechanism by Transition-State Analogs. Inorganic Chemistry, 2009, 48, 10874-10876.	4.0	27
20	Enantioselective palladium catalyzed allylic substitution with a new phosphite ligand issued from (2S,5S)-hexanediol. Journal of Molecular Catalysis A, 2004, 212, 61-64.	4.8	5
21	First enzymatic resolution of a phosphaneâ€“borane complex. Journal of Molecular Catalysis B: Enzymatic, 2003, 26, 29-32.	1.8	9
22	Enzymatic resolution of syn-2-azido-1,3,4-trihydroxybutane catalysed by lipases in the transesterification mode. Tetrahedron: Asymmetry, 2000, 11, 1313-1321.	1.8	4
23	A new tannase substrate for spectrophotometric assay. Journal of Microbiological Methods, 2000, 42, 209-214.	1.6	16
24	Phosphaneâ€“boranes: synthesis, characterization and synthetic applications. Coordination Chemistry Reviews, 1998, 178-180, 665-698.	18.8	135
25	Reactivity of chiral oxazaphospholidines on activated halide compounds: Synthesis and coordination studies of chiral hybrid phosphine-phosphine oxide ligands. Tetrahedron, 1997, 53, 11577-11594.	1.9	14
26	Use of new chiral tricoordinated phosphorus borane complexes in enantioselective borane reduction of ketones: Complexes structure and mechanistic studies. Journal of Organometallic Chemistry, 1997, 529, 285-294.	1.8	33
27	A new 31P NMR method for the enantiomeric excess determination of diols and secondary diamines with C2 symmetry. Tetrahedron: Asymmetry, 1995, 6, 2353-2356.	1.8	23
28	Enantioselective Borane Reduction of Ketones Catalyzed by a Chiral Oxazaphospholidine Borane Complex. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 75, 43-46.	1.6	12
29	Enantioselective borane reduction of ketones catalysed by a chiral oxazaphospholidineâ€“borane complex. Journal of the Chemical Society Chemical Communications, 1992, , 287-288.	2.0	38
30	Application of AMPP-Pd catalysts in an unusual asymmetric allylic coupling reaction of 1-trimethylsilyl vinyl magnesium bromide.. Tetrahedron Letters, 1990, 31, 77-80.	1.4	18
31	Stereoselective Synthesis and Complexation of a New Chiral Hybrid Phosphine-Phosphine Oxide Ligand from (S)-(+)-Prolinol. Phosphorus, Sulfur and Silicon and the Related Elements, 1990, 51, 367-367.	1.6	0
32	Stereoselective synthesis of (Rp)-benzylphenyl-[2-(S)-bromomethylpyrrolidine-1-yl]phosphine oxide from (S)-(+)-prolinol by the Michaelisâ€“Arbuzov reaction: application in the synthesis of a chiral hybrid phosphineâ€“phosphine oxide ligand. Journal of the Chemical Society Chemical Communications, 1989, , 805-807.	2.0	18