

Bruno Faure

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8194904/publications.pdf>

Version: 2024-02-01

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	Phosphaneâ€“boranes: synthesis, characterization and synthetic applications. <i>Coordination Chemistry Reviews</i> , 1998, 178-180, 665-698.	18.8	135
2	Visible Light-Driven O ₂ Reduction by a Porphyrinâ€“Laccase System. <i>Journal of the American Chemical Society</i> , 2013, 135, 3095-3103.	13.7	49
3	Enantioselective borane reduction of ketones catalysed by a chiral oxazaphospholidineâ€“borane complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 287-288.	2.0	38
4	Electrochemical Water Oxidation and Stereoselective Oxygen Atom Transfer Mediated by a Copper Complex. <i>Chemistry - A European Journal</i> , 2018, 24, 5213-5224.	3.3	37
5	Use of new chiral tricoordinated phosphorus borane complexes in enantioselective borane reduction of ketones: Complexes structure and mechanistic studies. <i>Journal of Organometallic Chemistry</i> , 1997, 529, 285-294.	1.8	33
6	Binding of 2-Hydroxypyridine- <i>N</i> -oxide on Dicopper(II) Centers: Insights into Tyrosinase Inhibition Mechanism by Transition-State Analogs. <i>Inorganic Chemistry</i> , 2009, 48, 10874-10876.	4.0	27
7	A new ³¹ P NMR method for the enantiomeric excess determination of diols and secondary diamines with C ₂ symmetry. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2353-2356.	1.8	23
8	Influence of the Metal Ion on the Electrocatalytic Hydrogen Production by a Thiosemicarbazone Palladium Complex. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2259-2266.	2.0	23
9	Laccases as palladium oxidases. <i>Chemical Science</i> , 2015, 6, 1247-1251.	7.4	21
10	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. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 805-807.	2.0	18
11	Application of AMPP-Pd catalysts in an unusual asymmetric allylic coupling reaction of 1-trimethylsilyl vinyl magnesium bromide.. <i>Tetrahedron Letters</i> , 1990, 31, 77-80.	1.4	18
12	Supramolecular complexes involving non-symmetric viologen cations and hexacyanoferrate(II) anions. A spectroscopic, crystallographic and computational study. <i>RSC Advances</i> , 2016, 6, 575-585.	3.6	17
13	A new tannase substrate for spectrophotometric assay. <i>Journal of Microbiological Methods</i> , 2000, 42, 209-214.	1.6	16
14	Reactivity of chiral oxazaphospholidines on activated halide compounds: Synthesis and coordination studies of chiral hybrid phosphine-phosphine oxide ligands. <i>Tetrahedron</i> , 1997, 53, 11577-11594.	1.9	14
15	Enantioselective Borane Reduction of Ketones Catalyzed by a Chiral Oxazaphospholidine Borane Complex. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993, 75, 43-46.	1.6	12
16	First enzymatic resolution of a phosphaneâ€“borane complex. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003, 26, 29-32.	1.8	9
17	Reactivity of dinuclear copper(II) complexes towards melanoma cells: Correlation with its stability, tyrosinase mimicking and nuclease activity. <i>Journal of Inorganic Biochemistry</i> , 2015, 149, 49-58.	3.5	9
18	Characterization of a Dinuclear Copper(II) Complex and Its Fleeting Mixed-Valent Copper(II)/Copper(III) Counterpart. <i>ChemPlusChem</i> , 2017, 82, 615-624.	2.8	9

#	ARTICLE	IF	CITATIONS
19	Hydrogen evolution reaction mediated by an all-sulfur trinuclear nickel complex. <i>Chemical Communications</i> , 2020, 56, 11106-11109.	4.1	8
20	Silica-catalysed and Highly Stereoselective Convergent and Nonconvergent Rearrangements of Menthone Enol Acetate Epoxides: Easy Access to the Four 1-hydroxymenthone Stereoisomers. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4365-4372.	2.4	7
21	Enantioselective palladium catalyzed allylic substitution with a new phosphite ligand issued from (2S,5S)-hexanediol. <i>Journal of Molecular Catalysis A</i> , 2004, 212, 61-64.	4.8	5
22	Epoxide hydrolase-catalyzed enantioselective conversion of trans-stilbene oxide: Insights into the reaction mechanism from steady-state and pre-steady-state enzyme kinetics. <i>Archives of Biochemistry and Biophysics</i> , 2016, 591, 66-75.	3.0	5
23	Enzymatic resolution of syn-2-azido-1,3,4-trihydroxybutane catalysed by lipases in the transesterification mode. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1313-1321.	1.8	4
24	Binuclear copper(II) complexes 1: Synthesis, characterization and evaluation of a new complex in phosphatase-like activity. <i>Inorganica Chimica Acta</i> , 2012, 391, 189-194.	2.4	4
25	Oxidative DNA Cleavage Promoted by a Phenoxyl-Radical Copper(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5575-5584.	2.0	4
26	Effect of ligand exchange on the one-electron oxidation process of alkoxy or phenoxy bridged binuclear copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 481, 113-119.	2.4	4
27	Magneto-Structural and Computational Study of a Tetranuclear Copper Complex Displaying Carbonyl- π Interactions. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 5039-5046.	2.0	3
28	Comparison of heme and nonheme iron-based 1-aminocyclopropane-1-carboxylic acid oxidase mimics: kinetic, mechanistic and computational studies. <i>RSC Advances</i> , 2015, 5, 2075-2079.	3.6	2
29	The role of methylation in the copper(II) coordination properties of a His-containing decapeptide. <i>Dalton Transactions</i> , 2019, 48, 1859-1870.	3.3	2
30	Modulation of laccase catalysed oxidations at the surface of magnetic nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111963.	5.0	1
31	Stereoselective Synthesis and Complexation of a New Chiral Hybrid Phosphine-Phosphine Oxide Ligand from (S)-(+)-Prolinol. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1990, 51, 367-367.	1.6	0
32	Synthesis and Characterization of a Dinuclear Copper Complex Bearing a Hydrophobic Cavity as a Model for Copper-containing Monooxygenases. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3512-3518.	2.0	0