Renaud Y HardrÃ©

List of Publications by Year
in descending order

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37 papers	1,016 citations	411340 20 h-index	488211 31 g-index
41 all docs	41 docs citations	41 times ranked	1375 citing authors

#	Article	IF	Citations
1	Ditopic Chelators of Dicopper Centers for Enhanced Tyrosinases Inhibition. Chemistry - A European Journal, 2021, 27, 4384-4393.	1.7	6
2	Nickel Complexes and Carbon Dots for Efficient Lightâ€Driven Hydrogen Production. European Journal of Inorganic Chemistry, 2021, 2021, 3097-3103.	1.0	6
3	Hydrogen evolution reaction mediated by an all-sulfur trinuclear nickel complex. Chemical Communications, 2020, 56, 11106-11109.	2.2	8
4	Ligand-based electronic effects on the electrocatalytic hydrogen production by thiosemicarbazone nickel complexes. Dalton Transactions, 2020, 49, 5064-5073.	1.6	20
5	Ruminococcin C, a promising antibiotic produced by a human gut symbiont. Science Advances, 2019, 5, eaaw9969.	4.7	54
6	Efficient Light-Driven Hydrogen Evolution Using a Thiosemicarbazone-Nickel (II) Complex. Frontiers in Chemistry, 2019, 7, 405.	1.8	18
7	New insight into the allosteric effect of L-tyrosine on mushroom tyrosinase during L-dopa production. International Journal of Biological Macromolecules, 2018, 114, 821-829.	3.6	9
8	An Air-Stable Molybdenum-Based Precatalyst in Oxygen-Atom Transfer Reactions. European Journal of Inorganic Chemistry, 2018, 2018, 1427-1434.	1.0	3
9	Influence of the Metal Ion on the Electrocatalytic Hydrogen Production by a Thiosemicarbazone Palladium Complex. European Journal of Inorganic Chemistry, 2018, 2018, 2259-2266.	1.0	23
10	Hydrogen Evolution Reactions Catalyzed by a Bis(thiosemicarbazone) Cobalt Complex: An Experimental and Theoretical Study. Chemistry - A European Journal, 2018, 24, 8779-8786.	1.7	50
11	2-Hydroxypyridine-N-oxide-Embedded Aurones as Potent Human Tyrosinase Inhibitors. ACS Medicinal Chemistry Letters, 2017, 8, 55-60.	1.3	38
12	Recombinant Tyrosinase from Polyporus arcularius: Overproduction in Escherichia coli, Characterization, and Use in a Study of Aurones as Tyrosinase Effectors. Journal of Agricultural and Food Chemistry, 2016, 64, 2925-2931.	2.4	20
13	Are Human Tyrosinase and Related Proteins Suitable Targets for Melanoma Therapy?. Current Topics in Medicinal Chemistry, 2016, 16, 3033-3047.	1.0	54
14	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.	1.5	9
15	Investigation of Bindingâ€Site Homology between Mushroom and Bacterial Tyrosinases by Using Aurones as Effectors. ChemBioChem, 2014, 15, 1325-1333.	1.3	26
16	Exploring the Interaction of N/S Compounds with a Dicopper Center: Tyrosinase Inhibition and Model Studies. Inorganic Chemistry, 2014, 53, 12848-12858.	1.9	28
17	Unsymmetrical Binding Modes of the HOPNO Inhibitor of Tyrosinase: From Model Complexes to the Enzyme. Chemistry - A European Journal, 2013, 19, 3655-3664.	1.7	16
18	Versatile Effects of Aurone Structure on Mushroom Tyrosinase Activity. ChemBioChem, 2012, 13, 559-565.	1.3	31

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19	Refinement of arylthiosemicarbazone pharmacophore in inhibition of mushroom tyrosinase. European Journal of Medicinal Chemistry, 2011, 46, 4330-4335.	2.6	66
20	The Versatile Binding Mode of Transitionâ€Šstate Analogue Inhibitors of Tyrosinase towards Dicopper(II) Model Complexes: Experimental and Theoretical Investigations. Chemistry - A European Journal, 2011, 17, 13482-13494.	1.7	12
21	Probing the Peptidylglycine Î±â€Hydroxylating Monooxygenase Active Site with Novel 4â€Phenylâ€3â€butenoic Acid Based Inhibitors. ChemMedChem, 2010, 5, 1568-1576.	1.6	10
22	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.	1.9	27
23	Mono, di and tri-mannopyranosyl phosphates as mannose-1-phosphate prodrugs for potential CDG-Ia therapy. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 152-155.	1.0	28
24	Pathway for the StereocontrolledZandEProduction of Î±,Î±-Difluorine-Substituted Phenyl Butenoates. Journal of Organic Chemistry, 2006, 71, 8618-8621.	1.7	30
25	Superoxide dismutase-like activity of cobalt(ii) complexes based on a sugar platform. Chemical Communications, 2005, , 5414.	2.2	24
26	The Impact of Pyrrolidine Hydroxylation on the Conformation of Proline-Containing Peptides. Journal of Organic Chemistry, 2005, 70, 1306-1315.	1.7	53
27	Leishmania mexicana mexicanaglucose-6-phosphate isomerase: crystallization, molecular-replacement solution and inhibition. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 915-919.	2.5	9
28	The Structures of Inhibitor Complexes of Pyrococcus furiosus Phosphoglucose Isomerase Provide Insights into Substrate Binding and Catalysis. Journal of Molecular Biology, 2004, 343, 649-657.	2.0	19
29	Sugar derivatives as new 6-phosphogluconate dehydrogenase inhibitors selective for the parasite Trypanosoma brucei. Bioorganic and Medicinal Chemistry, 2003, 11, 1207-1214.	1.4	20
30	Factors Affecting Conformation in Proline-Containing Peptides. Organic Letters, 2003, 5, 4413-4416.	2.4	57
31	The crystal structure of rabbit phosphoglucose isomerase complexed with 5-phospho-D-arabinonohydroxamic acid. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5872-5877.	3.3	44
32	Crystal Structure of Rabbit Phosphoglucose Isomerase Complexed with 5-Phospho-d-Arabinonate Identifies the Role of Glu357 in Catalysisâ€¡. Biochemistry, 2001, 40, 1560-1566.	1.2	68
33	A convenient preparation of aldonohydroxamic acids in water and crystal structure of l-erythronohydroxamic acid. Carbohydrate Research, 2001, 335, 195-204.	1.1	17
34	Competitive Inhibition of Trypanosoma Brucei Phosphoglucose Isomerase by D-Arabinose-5-Phosphate Derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2000, 15, 509-515.	0.5	16
35	Structure of the human oxytocinase/insulin-regulated aminopeptidase gene and localization to chromosome 5q21. FEBS Journal, 2000, 267, 2297-2306.	0.2	40
36	Competitive inhibitors of yeast phosphoglucose isomerase: synthesis and evaluation of new types of phosphorylated sugars from the synthon d-arabinonolactone-5-phosphate. Carbohydrate Research, 1999, 318, 110-115.	1.1	23

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37	Synthesis and evaluation of a new inhibitor of phosphoglucose isomerases: the enediolate analogue 5-phospho-D-arabinohydroxamate. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 3435-3438.	1.0	33