

Olaf CussÃ³

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/755235/publications.pdf>

Version: 2024-02-01

21
papers

1,298
citations

567281
15
h-index

713466
21
g-index

25
all docs

25
docs citations

25
times ranked

1111
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen sulfide impacts on inflammation-induced adipocyte dysfunction. Food and Chemical Toxicology, 2019, 131, 110543.	3.6	12
2	Highly enantioselective epoxidation of olefins by H_2O_2 catalyzed by a non-heme Fe(μ -oxo) catalyst of a chiral tetradentate ligand. Dalton Transactions, 2019, 48, 6123-6131.	3.3	19
3	Effective Tetradentate Compound Complexes against Leishmania spp. that Act on Critical Enzymatic Pathways of These Parasites. Molecules, 2019, 24, 134.	3.8	4
4	Tetradentate polyamines as efficient metallodrugs for Chagas disease treatment in murine model. Journal of Chemotherapy, 2017, 29, 83-93.	1.5	5
5	Oxidation of alkane and alkene moieties with biologically inspired nonheme iron catalysts and hydrogen peroxide: from free radicals to stereoselective transformations. Journal of Biological Inorganic Chemistry, 2017, 22, 425-452.	2.6	153
6	A bottom up approach towards artificial oxygenases by combining iron coordination complexes and peptides. Chemical Science, 2017, 8, 3660-3667.	7.4	30
7	Evidence of a Sole Oxygen Atom Transfer Agent in Asymmetric Epoxidations with Fe-pdp Catalysts. ACS Catalysis, 2017, 7, 5046-5053.	11.2	34
8	Chemoselective Aliphatic C-H Bond Oxidation Enabled by Polarity Reversal. ACS Central Science, 2017, 3, 1350-1358.	11.3	121
9	Readily Accessible Bulky Iron Catalysts exhibiting Site Selectivity in the Oxidation of Steroidal Substrates. Angewandte Chemie - International Edition, 2016, 55, 5776-5779.	13.8	90
10	Readily Accessible Bulky Iron Catalysts exhibiting Site Selectivity in the Oxidation of Steroidal Substrates. Angewandte Chemie, 2016, 128, 5870-5873.	2.0	67
11	Biologically Inspired C-H and C=C Oxidations with Hydrogen Peroxide Catalyzed by Iron Coordination Complexes. Chemistry - an Asian Journal, 2016, 11, 3148-3158.	3.3	74
12	Iron Catalyzed Highly Enantioselective Epoxidation of Cyclic Aliphatic Enones with Aqueous H_2O_2 . Journal of the American Chemical Society, 2016, 138, 2732-2738.	13.7	95
13	In Vitro and In Vivo identification of tetradentated polyamine complexes as highly efficient metallodrugs against Trypanosoma cruzi. Experimental Parasitology, 2016, 164, 20-30.	1.2	14
14	Pro-Oxidant Activity of Amine-Pyridine-Based Iron Complexes Efficiently Kills Cancer and Cancer Stem-Like Cells. PLoS ONE, 2015, 10, e0137800.	2.5	28
15	Synergistic Interplay of a Non-Heme Iron Catalyst and Amino Acid Coligands in H_2O_2 Activation for Asymmetric Epoxidation of α -Alkyl- β -Substituted Styrenes. Angewandte Chemie, 2015, 127, 2767-2771.	2.0	25
16	Synergistic Interplay of a Non-Heme Iron Catalyst and Amino Acid Coligands in H_2O_2 Activation for Asymmetric Epoxidation of α -Alkyl- β -Substituted Styrenes. Angewandte Chemie - International Edition, 2015, 54, 2729-2733.	13.8	79
17	Biologically inspired non-heme iron-catalysts for asymmetric epoxidation; design principles and perspectives. Chemical Communications, 2015, 51, 14285-14298.	4.1	133
18	H_2O_2 oxidation versus organic substrate oxidation in non-heme iron mediated reactions with H_2O_2 . Chemical Communications, 2015, 51, 14992-14995.	4.1	4

#	ARTICLE	IF	CITATIONS
19	Asymmetric Epoxidation with H ₂ O ₂ by Manipulating the Electronic Properties of Non-heme Iron Catalysts. Journal of the American Chemical Society, 2013, 135, 14871-14878.	13.7	216
20	Highly Stereoselective Epoxidation with H ₂ O ₂ Catalyzed by Electron-Rich Aminopyridine Manganese Catalysts. Organic Letters, 2013, 15, 6158-6161.	4.6	80
21	Solid-Phase Synthesis of Biaryl Cyclic Peptides Containing a 3-Aryltyrosine. European Journal of Organic Chemistry, 2012, 2012, 6204-6211.	2.4	15