Olaf CussÃ³

List of Publications by Year
in descending order

21 papers	1,298 citations	566801 15 h-index	713013 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.	1.8	12
2	Highly enantioselective epoxidation of olefins by H₂O₂ catalyzed by a non-heme Fe(<scp>ii</scp>) catalyst of a chiral tetradentate ligand. Dalton Transactions, 2019, 48, 6123-6131.	1.6	19
3	Effective Tetradentate Compound Complexes against Leishmania spp. that Act on Critical Enzymatic Pathways of These Parasites. Molecules, 2019, 24, 134.	1.7	4
4	Tetradentate polyamines as efficient metallodrugs for Chagas disease treatment in murine model. Journal of Chemotherapy, 2017, 29, 83-93.	0.7	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.	1.1	153
6	A bottom up approach towards artificial oxygenases by combining iron coordination complexes and peptides. Chemical Science, 2017, 8, 3660-3667.	3.7	30
7	Evidence of a Sole Oxygen Atom Transfer Agent in Asymmetric Epoxidations with Fe-pdp Catalysts. ACS Catalysis, 2017, 7, 5046-5053.	5.5	34
8	Chemoselective Aliphatic Câ€“H Bond Oxidation Enabled by Polarity Reversal. ACS Central Science, 2017, 3, 1350-1358.	5.3	121
9	Readily Accessible Bulky Iron Catalysts exhibiting Site Selectivity in the Oxidation of Steroidal Substrates. Angewandte Chemie - International Edition, 2016, 55, 5776-5779.	7.2	90
10	Readily Accessible Bulky Iron Catalysts exhibiting Site Selectivity in the Oxidation of Steroidal Substrates. Angewandte Chemie, 2016, 128, 5870-5873.	1.6	67
11	Biologically Inspired Câ^'H and C=C Oxidations with Hydrogen Peroxide Catalyzed by Iron Coordination Complexes. Chemistry - an Asian Journal, 2016, 11, 3148-3158.	1.7	74
12	Iron Catalyzed Highly Enantioselective Epoxidation of Cyclic Aliphatic Enones with Aqueous H₂O₂. Journal of the American Chemical Society, 2016, 138, 2732-2738.	6.6	95
13	InÂvitro and inÂvivo identification of tetradentated polyamine complexes as highly efficient metallodrugs against Trypanosoma cruzi. Experimental Parasitology, 2016, 164, 20-30.	0.5	14
14	Pro-Oxidant Activity of Amine-Pyridine-Based Iron Complexes Efficiently Kills Cancer and Cancer Stem-Like Cells. PLoS ONE, 2015, 10, e0137800.	1.1	28
15	Synergistic Interplay of a Nonâ€Heme Iron Catalyst and Amino Acid Coligands in H₂O₂ Activation for Asymmetric Epoxidation of Î±â€Alkylâ€Substituted Styrenes. Angewandte Chemie, 2015, 127, 2767-2771.	1.6	25
16	Synergistic Interplay of a Nonâ€Heme Iron Catalyst and Amino Acid Coligands in H₂O₂ Activation for Asymmetric Epoxidation of Î±â€Alkylâ€Substituted Styrenes. Angewandte Chemie - International Edition, 2015, 54, 2729-2733.	7.2	79
17	Biologically inspired non-heme iron-catalysts for asymmetric epoxidation; design principles and perspectives. Chemical Communications, 2015, 51, 14285-14298.	2.2	133
18	H₂ oxidation versus organic substrate oxidation in non-heme iron mediated reactions with H₂O₂. Chemical Communications, 2015, 51, 14992-14995.	2.2	4

#	Article	IF	Citations
19	Asymmetric Epoxidation with H₂O₂ by Manipulating the Electronic Properties of Non-heme Iron Catalysts. Journal of the American Chemical Society, 2013, 135, 14871-14878.	6.6	216
20	Highly Stereoselective Epoxidation with H₂O₂ Catalyzed by Electron-Rich Aminopyridine Manganese Catalysts. Organic Letters, 2013, 15, 6158-6161.	2.4	80
21	Solidâ€Phase Synthesis of Biaryl Cyclic Peptides Containing a 3â€Aryltyrosine. European Journal of Organic Chemistry, 2012, 2012, 6204-6211.	1.2	15