

Rodolphe Alves de Sousa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1828132/publications.pdf>

Version: 2024-02-01

18
papers

399
citations

687363

13
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

788
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery and Refinement of a New Structural Class of Potent Peptide Deformylase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 10-20.	6.4	60
2	New peptide deformylase inhibitors and cooperative interaction: a combination to improve antibacterial activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1392-1400.	3.0	42
3	Clean oxidation of thiolates to sulfinates in a four-coordinate Co(III) complex with a mixed carboxamido Nâ€“thiolato S donor set: relevance to nitrile hydratase. <i>Journal of Inorganic Biochemistry</i> , 2001, 84, 207-213.	3.5	38
4	Hydroxamic Acids as Potent Inhibitors of Fe ^{II} and Mn ^{II} in <i>E. coli</i> Methionine Aminopeptidase: Biological Activities and X-ray Structures of Oxazole Hydroxamate-MetAP-Mn Complexes. <i>ChemMedChem</i> , 2012, 7, 1020-1030.	3.2	34
5	Direct Synthesis of a Thiolato-S and Sulfinato-S Co(III) Complex Related to the Active Site of Nitrile Hydratase: A Pathway to the Post-Translational Oxidation of the Protein. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6162-6165.	13.8	29
6	A unique peptide deformylase platform to rationally design and challenge novel active compounds. <i>Scientific Reports</i> , 2016, 6, 35429.	3.3	28
7	Microspectrofluorimetry to dissect the permeation of ceftazidime in Gram-negative bacteria. <i>Scientific Reports</i> , 2017, 7, 986.	3.3	24
8	Antidepressant efficacy of a selective organic cation transporter blocker in a mouse model of depression. <i>Molecular Psychiatry</i> , 2020, 25, 1245-1259.	7.9	24
9	Synthesis of cyclic mono- and bis-disulfides and their selective conversion to mono- and bis-thiosulfinates. <i>Tetrahedron</i> , 2007, 63, 2466-2471.	1.9	22
10	Oxidation of Zn(N ₂ S ₂) complexes to disulfonates: relevance to zinc-finger oxidation under oxidative stress. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 690-697.	3.5	15
11	New Peptides with Metal Binding Abilities and Their Use as Drug Carriers. <i>Bioconjugate Chemistry</i> , 2014, 25, 1811-1819.	3.6	14
12	Activation of EGFR by small compounds through coupling the generation of hydrogen peroxide to stable dimerization of Cu/Zn SOD1. <i>Scientific Reports</i> , 2016, 6, 21088.	3.3	14
13	New amphiphilic neamine conjugates bearing a metal binding motif active against MDR <i>E. aerogenes</i> Gram-negative bacteria. <i>European Journal of Medicinal Chemistry</i> , 2017, 127, 748-756.	5.5	13
14	Cerpegin-derived furo[3,4-c]pyridine-3,4(1H,5H)-diones enhance cellular response to interferons by de novo pyrimidine biosynthesis inhibition. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111855.	5.5	13
15	Targeting Degradation of EGFR through the Allosteric Site Leads to Cancer Cell Detachment-Promoted Death. <i>Cancers</i> , 2019, 11, 1094.	3.7	13
16	Identification of Primary Natural Killer Cell Modulators by Chemical Library Screening with a Luciferase-Based Functional Assay. <i>SLAS Discovery</i> , 2019, 24, 25-37.	2.7	10
17	Bis- ¹² -sulfanylethylester and cyclic disulfide-S-oxides as precursors of bifunctionalized anionic derivatives with two oxidized sulfurs. <i>Tetrahedron</i> , 2008, 64, 2198-2206.	1.9	6
18	Chemical pollution and innate antiviral immunity: Dangerous Liaisons ?. <i>Virologie</i> , 2018, 22, 1-13.	0.1	0