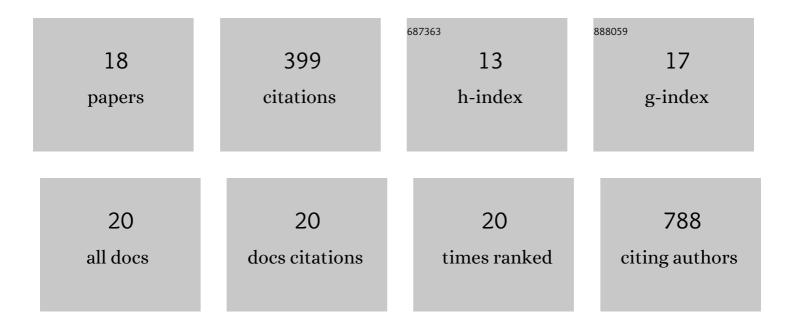
Rodolphe Alves de Sousa

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Discovery and Refinement of a New Structural Class of Potent Peptide Deformylase Inhibitors. Journal of Medicinal Chemistry, 2007, 50, 10-20. | 6.4 | 60 |
| 2 | New peptide deformylase inhibitors and cooperative interaction: a combination to improve antibacterial activity. Journal of Antimicrobial Chemotherapy, 2012, 67, 1392-1400. | 3.0 | 42 |
| 3 | Clean oxidation of thiolates to sulfinates in a four-coordinate Colll complex with a mixed carboxamido N–thiolato S donor set: relevance to nitrile hydratase. Journal of Inorganic Biochemistry, 2001, 84, 207-213. | 3.5 | 38 |
| 4 | Hydroxamic Acids as Potent Inhibitors of Fe ^{II} and Mn ^{II} <i>E.â€coli</i> Methionine Aminopeptidase: Biological Activities and Xâ€ray Structures of Oxazole Hydroxamate– <i>Ec</i> MetAPâ€Mn Complexes. ChemMedChem, 2012, 7, 1020-1030. | 3.2 | 34 |
| 5 | Direct Synthesis of a Thiolato-S and Sulfinato-S Colll Complex Related to the Active Site of Nitrile Hydratase: A Pathway to the Post-Translational Oxidation of the Protein. Angewandte Chemie - International Edition, 2005, 44, 6162-6165. | 13.8 | 29 |
| 6 | A unique peptide deformylase platform to rationally design and challenge novel active compounds. Scientific Reports, 2016, 6, 35429. | 3.3 | 28 |
| 7 | Microspectrofluorimetry to dissect the permeation of ceftazidime in Gram-negative bacteria. Scientific Reports, 2017, 7, 986. | 3.3 | 24 |
| 8 | Antidepressant efficacy of a selective organic cation transporter blocker in a mouse model of depression. Molecular Psychiatry, 2020, 25, 1245-1259. | 7.9 | 24 |
| 9 | Synthesis of cyclic mono- and bis-disulfides and their selective conversion to mono- and bis-thiosulfinates. Tetrahedron, 2007, 63, 2466-2471. | 1.9 | 22 |
| 10 | Oxidation of Zn(N2S2) complexes to disulfonates: relevance to zinc-finger oxidation under oxidative stress. Journal of Inorganic Biochemistry, 2005, 99, 690-697. | 3.5 | 15 |
| 11 | New Peptides with Metal Binding Abilities and Their Use as Drug Carriers. Bioconjugate Chemistry, 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. Scientific Reports, 2016, 6, 21088. | 3.3 | 14 |
| 13 | New amphiphilic neamine conjugates bearing a metal binding motif active against MDR E.Âaerogenes Gram-negative bacteria. European Journal of Medicinal Chemistry, 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. European Journal of Medicinal Chemistry, 2020, 186, 111855. | 5.5 | 13 |
| 15 | Targeting Degradation of EGFR through the Allosteric Site Leads to Cancer Cell Detachment-Promoted Death. Cancers, 2019, 11, 1094. | 3.7 | 13 |
| 16 | Identification of Primary Natural Killer Cell Modulators by Chemical Library Screening with a Luciferase-Based Functional Assay. SLAS Discovery, 2019, 24, 25-37. | 2.7 | 10 |
| 17 | Bis-β-sulfanylethylester and cyclic disulfide-S-oxides as precursors of bifunctionalized anionic derivatives with two oxidized sulfurs. Tetrahedron, 2008, 64, 2198-2206. | 1.9 | 6 |
| 18 | Chemical pollution and innate antiviral immunity: Dangerous Liaisons ?. Virologie, 2018, 22, 1-13. | 0.1 | 0 |