

Fernando R G Bergamini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6394649/publications.pdf>

Version: 2024-02-01

24
papers

514
citations

759055

12
h-index

642610

23
g-index

26
all docs

26
docs citations

26
times ranked

903
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional protein nanostructures: a chemical toolbox. <i>Chemical Society Reviews</i> , 2018, 47, 9069-9105.	18.7	83
2	Antivirals Against Coronaviruses: Candidate Drugs for SARS-CoV-2 Treatment?. <i>Frontiers in Microbiology</i> , 2020, 11, 1818.	1.5	81
3	What is holding back the development of antiviral metallodrugs? A literature overview and implications for SARS-CoV-2 therapeutics and future viral outbreaks. <i>Dalton Transactions</i> , 2020, 49, 16004-16033.	1.6	58
4	Crystal structure and theoretical studies of the keto-enol isomerism of N,N ² -bis(salicylidene)-o-phenylenediamine (salophen). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 99, 110-115.	2.0	44
5	A silver complex with tryptophan: Synthesis, structural characterization, DFT studies and antibacterial and antitumor assays in vitro. <i>Journal of Molecular Structure</i> , 2013, 1031, 125-131.	1.8	33
6	Synthesis, characterization and in vitro biological assays of a silver(I) complex with 5-fluorouracil: A strategy to overcome multidrug resistant tumor cells. <i>Journal of Fluorine Chemistry</i> , 2017, 195, 93-101.	0.9	32
7	Synthesis, spectroscopic characterization, DFT studies, and initial antibacterial assays <i>in vitro</i> of a new palladium(II) complex with tryptophan. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1700-1711.	0.8	26
8	Silver(I) complexes with symmetrical Schiff bases: Synthesis, structural characterization, DFT studies and antimycobacterial assays. <i>Polyhedron</i> , 2013, 62, 104-109.	1.0	22
9	Polynuclear copper(II) complexes with nalidixic acid hydrazones: Antiproliferative activity and selectivity assessment over a panel of tumor cells. <i>Inorganica Chimica Acta</i> , 2019, 484, 491-502.	1.2	22
10	Pt(II) and Pd(II) complexes with ibuprofen hydrazide: Characterization, theoretical calculations, antibacterial and antitumor assays and studies of interaction with CT-DNA. <i>Journal of Molecular Structure</i> , 2018, 1154, 469-479.	1.8	17
11	A new palladium(II) complex with ibuprofen: Spectroscopic characterization, DFT studies, antibacterial activities and interaction with biomolecules. <i>Journal of Molecular Structure</i> , 2019, 1186, 144-154.	1.8	17
12	A binuclear silver complex with l-buthionine sulfoximine: synthesis, spectroscopic characterization, DFT studies and antibacterial assays. <i>RSC Advances</i> , 2012, 2, 10372.	1.7	13
13	Synthesis, spectroscopic studies, and preliminary antibacterial assays of a palladium(II) complex with 2-mercaptothiazoline. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3092-3101.	0.8	11
14	Synthesis and crystal structure of a palladium(II) complex with the amino acid L-citrulline. <i>Powder Diffraction</i> , 2015, 30, 357-361.	0.4	9
15	Synthesis, spectroscopic characterization and in vitro antibacterial and antiviral activities of novel silver(I) complexes with mafenide and ethyl-mafenide. <i>Journal of Molecular Structure</i> , 2021, 1246, 131261.	1.8	9
16	Repurposing potential of rimantadine hydrochloride and development of a promising platinum(II)-rimantadine metallodrug for the treatment of Chikungunya virus infection. <i>Acta Tropica</i> , 2022, 227, 106300.	0.9	9
17	Memantine hydrochloride: a drug to be repurposed against Chikungunya virus?. <i>Pharmacological Reports</i> , 2021, 73, 954-961.	1.5	7
18	Investigating the inclusion of the Ag(I)-nimesulide complex into β -cyclodextrin: studies in solution and in the solid state. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 79, 225-235.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Synthesis, spectroscopic characterizations, crystal structures and DFT studies of nalidixic acid carbonyl hydrazones derivatives. <i>Journal of Molecular Structure</i> , 2016, 1120, 115-124.	1.8	4
20	$\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle \hat{=}^2, \langle i \rangle N \langle /i \rangle \hat{=}^2 \hat{=}^2 \langle i \rangle$ versus $N \langle /i \rangle, \langle i \rangle N \langle /i \rangle \hat{=}^2, \langle i \rangle O \langle /i \rangle$ imine-containing coordination motifs: ligand-directed synthesis of mononuclear and binuclear $Cu \langle sup \rangle II \langle /sup \rangle$ compounds. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1563-1567.	0.2	4
21	A novel binuclear copper complex incorporating a nalidixic acid derivative displaying a one-dimensional coordination polymeric structure. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 544-548.	0.2	3
22	Promising Ag(I) complexes with N-acylhydrazones from aromatic aldehydes and isoniazid against multidrug resistance in tuberculosis. <i>Journal of Molecular Structure</i> , 2021, 1234, 130193.	1.8	3
23	Investigating the antiproliferative activities of new $Cu \langle sup \rangle I \langle /sup \rangle$ complexes with pyridine hydrazone derivatives of nalidixic acid. <i>Journal of Inorganic Biochemistry</i> , 2022, 234, 111881.	1.5	2
24	CHAPTER 9. Functional Protein (Bio)Polymer Assemblies. <i>Monographs in Supramolecular Chemistry</i> , 2020, , 258-306.	0.2	0