

Ronaldo J Oliveira

List of Publications by Year in descending order

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49
papers

833
citations

516710

16
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526287

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53
all docs

53
docs citations

53
times ranked

1003
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholinesterase inhibitors assessment of aporphine alkaloids from <i>Annona crassiflora</i> and molecular docking studies. <i>Bioorganic Chemistry</i> , 2022, 120, 105593.	4.1	6
2	Quantifying biomolecular diffusion with a spherical cow model. <i>American Journal of Physics</i> , 2022, 90, 225-238.	0.7	1
3	Gold(III) heteroleptic complexes with SNS-thiosemicarbazone ligands as cytotoxic agents: Experimental and computational insights into the mechanism of action. <i>Polyhedron</i> , 2022, 219, 115767.	2.2	0
4	Biotin-painted proteins have thermodynamic stability switched by kinetic folding routes. <i>Journal of Chemical Physics</i> , 2022, 156, .	3.0	6
5	Shedding Light on the Inhibitory Mechanisms of SARS-CoV-1/CoV-2 Spike Proteins by ACE2-Designed Peptides. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 1226-1243.	5.4	24
6	The Dynamics of Subunit Rotation in a Eukaryotic Ribosome. <i>Biophysica</i> , 2021, 1, 204-221.	1.4	10
7	Nitroisatin dithiocarbamate: Synthesis, structural characterization, DFT, and docking studies. <i>European Journal of Chemistry</i> , 2021, 12, 235-241.	0.6	1
8	Copper(II) complexes based on thiosemicarbazone ligand: Preparation, crystal structure, Hirshfeld surface, energy framework, antiMycobacterium activity, in silico and molecular docking studies. <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111543.	3.5	11
9	Ninhydrin as a novel DNA hybridization indicator applied to a highly reusable electrochemical genosensor for <i>Candida auris</i> . <i>Talanta</i> , 2021, 235, 122694.	5.5	6
10	Small Neutral Crowding Solute Effects on Protein Folding Thermodynamic Stability and Kinetics. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11673-11686.	2.6	5
11	The Role of Electrostatics and Folding Kinetics on the Thermostability of Homologous Cold Shock Proteins. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 546-561.	5.4	10
12	Extension-Dependent Drift Velocity and Diffusion (DrDiff) Directly Reconstructs the Folding Free Energy Landscape of Atomic Force Microscopy Experiments. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 800-807.	4.6	3
13	Fragmentation Study, Dual Anti-Bactericidal and Anti-Viral Effects and Molecular Docking of Cobalt(III) Complexes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8355.	4.1	10
14	Preparation, structural characterization, voltammetry and Hirshfeld surface analysis of homoleptic iron(III) thiosemicarbazone complexes. <i>Transition Metal Chemistry</i> , 2020, 45, 511-521.	1.4	3
15	Development of gold(III) thiosemicarbazone complex-loaded PLGA nanoparticles: characterization and sustained release studies. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	6
16	Intramolecular C(sp ²)-C(sp ²) bond formation between phenanthroline and β^2 -diketone thiosemicarbazones in Pt ^{II} complexes: crystal structures and computational studies. <i>Dalton Transactions</i> , 2020, 49, 9564-9567.	3.3	1
17	DNA binding, cleavage, apoptosis and cytotoxicity studies of three heteroleptic nickel complexes bearing β^2 -diketones. <i>Inorganica Chimica Acta</i> , 2020, 511, 119824.	2.4	20
18	Novel tetranuclear Pd ^{II} and Pt ^{II} anticancer complexes derived from pyrene thiosemicarbazones. <i>Dalton Transactions</i> , 2020, 49, 9595-9604.	3.3	25

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19	Organometallic Gold(III) Complex [Au(Hdamp)(L1⁴)]⁺ (L1 = <i>SNS</i>-Donating) Tj ETQq1 1 0.784314 rg&T Diseases, 2019, 5, 1698-1707.	3.8	16
20	Importance of the $\hat{I}^2\hat{5}\hat{\sim}\hat{I}^26$ Loop for the Structure, Catalytic Efficiency, and Stability of Carbapenem-Hydrolyzing Class D \hat{I}^2 -Lactamase Subfamily OXA-143. <i>Biochemistry</i> , 2019, 58, 3604-3616.	2.5	4
21	A novel peptide-based sensor platform for detection of anti-Toxoplasma gondii immunoglobulins. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112778.	2.8	12
22	Heterobimetallic nickel(II) and palladium(II) complexes derived from S-benzyl-N-(ferrocenyl)methylenedithiocarbazate: Trypanocidal activity and interaction with Trypanosoma cruzi Old Yellow Enzyme (TcOYE). <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 213-223.	5.5	20
23	Drift-diffusion (DrDiff) framework determines kinetics and thermodynamics of two-state folding trajectory and tunes diffusion models. <i>Journal of Chemical Physics</i> , 2019, 151, 114106.	3.0	14
24	A Dynamic Hydrophobic Core and Surface Salt Bridges Thermostabilize a Designed Three-Helix Bundle. <i>Biophysical Journal</i> , 2019, 116, 621-632.	0.5	16
25	Identification of Bioactive Compounds and Analysis of Inhibitory Potential of the Digestive Enzymes from Syzygium sp. Extracts. <i>Journal of Chemistry</i> , 2019, 2019, 1-10.	1.9	4
26	In vitro anti-Trypanosoma cruzi activity of ternary copper(II) complexes and in vivo evaluation of the most promising complex. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 157-166.	5.6	23
27	Developing a Mathematical Model for the Controlled Release Over Time of Sulfentrazone Herbicide from Biodegradable Polymer. <i>Materials Research</i> , 2019, 22, .	1.3	3
28	Photophysical and DFT Studies of Cationic Ag(I) Complexes with Thiosemicarbazides Derived from <i>p</i>-Toluenesulfohydrazide. <i>ChemistrySelect</i> , 2018, 3, 2108-2114.	1.5	2
29	Effects of pH and aggregation in the human prion conversion into scrapie form: a study using molecular dynamics with excited normal modes. <i>European Biophysics Journal</i> , 2018, 47, 583-590.	2.2	10
30	Supersymmetric quantum mechanics method for the Fokker-Planck equation with applications to protein folding dynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 493, 286-300.	2.6	17
31	Stochastic diffusion framework determines the free-energy landscape and rate from single-molecule trajectory. <i>Journal of Chemical Physics</i> , 2018, 149, 234107.	3.0	11
32	Isolation, leishmanicidal evaluation and molecular docking simulations of piperidine alkaloids from Senna spectabilis. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5816-5823.	3.0	24
33	IntroduÃ§Ã£o ao problema de envelamento de proteÃnas: uma abordagem utilizando modelos computacionais simplificados. <i>Revista Brasileira De Ensino De Fisica</i> , 2018, 40, .	0.2	2
34	Cu(I) complexes with thiosemicarbazides derived from p-toluenesulfohydrazide: Structural, luminescence and biological studies. <i>Polyhedron</i> , 2018, 155, 170-179.	2.2	14
35	Pt II, Pd II and Au III complexes with a thiosemicarbazone derived from diacetylmonooxime: Structural analysis, trypanocidal activity, cytotoxicity and first insight into the antiparasitic mechanism of action. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 615-631.	5.5	37
36	Gold(III) complexes with ONS-Tridentate thiosemicarbazones: Toward selective trypanocidal drugs. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 217-226.	5.5	39

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37	VirB7 and VirB9 Interactions Are Required for the Assembly and Antibacterial Activity of a Type IV Secretion System. <i>Structure</i> , 2016, 24, 1707-1718.	3.3	14
38	Quantifying Nonnative Interactions in the Protein-Folding Free-Energy Landscape. <i>Biophysical Journal</i> , 2016, 111, 287-293.	0.5	21
39	Physicochemical composition and ruminal degradability of leucaena ensiled with different levels of buriti fruit peel. <i>Grassland Science</i> , 2016, 62, 160-166.	1.1	4
40	Structure and functional dynamics characterization of the ion channel of the human respiratory syncytial virus (hRSV) small hydrophobic protein (SH) transmembrane domain by combining molecular dynamics with excited normal modes. <i>Journal of Molecular Modeling</i> , 2016, 22, 286.	1.8	13
41	Electropolymerization of hydroxyphenylacetic acid isomers and the development of a bioelectrode for the diagnosis of bacterial meningitis. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 1277-1287.	2.9	9
42	Manganese(II) complexes with thiosemicarbazones as potential anti- <i>Mycobacterium tuberculosis</i> agents. <i>Journal of Inorganic Biochemistry</i> , 2014, 132, 21-29.	3.5	50
43	The characterization of a thermostable and cambialistic superoxide dismutase from <i>Thermus filiformis</i> . <i>Letters in Applied Microbiology</i> , 2013, 57, 40-46.	2.2	23
44	Analyzing the effect of homogeneous frustration in protein folding. <i>Proteins: Structure, Function and Bioinformatics</i> , 2013, 81, 1727-1737.	2.6	32
45	Configuration-Dependent Diffusion Dynamics of Downhill and Two-State Protein Folding. <i>Journal of Physical Chemistry B</i> , 2012, 116, 5152-5159.	2.6	23
46	Topography of funneled landscapes determines the thermodynamics and kinetics of protein folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15763-15768.	7.1	62
47	The Origin of Nonmonotonic Complex Behavior and the Effects of Nonnative Interactions on the Diffusive Properties of Protein Folding. <i>Biophysical Journal</i> , 2010, 99, 600-608.	0.5	33
48	Coordinate and time-dependent diffusion dynamics in protein folding. <i>Methods</i> , 2010, 52, 91-98.	3.8	36
49	Configuration-dependent diffusion can shift the kinetic transition state and barrier height of protein folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14646-14651.	7.1	92