

# Ronaldo J Oliveira

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9508109/publications.pdf>

Version: 2024-02-01

49  
papers

833  
citations

516710

16  
h-index

526287

27  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Configuration-dependent diffusion can shift the kinetic transition state and barrier height of protein folding. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14646-14651.	7.1	92
2	Topography of funneled landscapes determines the thermodynamics and kinetics of protein folding. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15763-15768.	7.1	62
3	Manganese(II) complexes with thiosemicarbazones as potential anti-Mycobacterium tuberculosis agents. Journal of Inorganic Biochemistry, 2014, 132, 21-29.	3.5	50
4	Gold(III) complexes with ONS-Tridentate thiosemicarbazones: Toward selective trypanocidal drugs. European Journal of Medicinal Chemistry, 2016, 120, 217-226.	5.5	39
5	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. European Journal of Medicinal Chemistry, 2017, 141, 615-631.	5.5	37
6	Coordinate and time-dependent diffusion dynamics in protein folding. Methods, 2010, 52, 91-98.	3.8	36
7	The Origin of Nonmonotonic Complex Behavior and the Effects of Nonnative Interactions on the Diffusive Properties of Protein Folding. Biophysical Journal, 2010, 99, 600-608.	0.5	33
8	Analyzing the effect of homogeneous frustration in protein folding. Proteins: Structure, Function and Bioinformatics, 2013, 81, 1727-1737.	2.6	32
9	Novel tetranuclear Pd <sup>II</sup> and Pt <sup>II</sup> anticancer complexes derived from pyrene thiosemicarbazones. Dalton Transactions, 2020, 49, 9595-9604.	3.3	25
10	Isolation, leishmanicidal evaluation and molecular docking simulations of piperidine alkaloids from <i>Senna spectabilis</i> . Bioorganic and Medicinal Chemistry, 2018, 26, 5816-5823.	3.0	24
11	Shedding Light on the Inhibitory Mechanisms of SARS-CoV-1/CoV-2 Spike Proteins by ACE2-Designed Peptides. Journal of Chemical Information and Modeling, 2021, 61, 1226-1243.	5.4	24
12	Configuration-Dependent Diffusion Dynamics of Downhill and Two-State Protein Folding. Journal of Physical Chemistry B, 2012, 116, 5152-5159.	2.6	23
13	The characterization of a thermostable and cambialistic superoxide dismutase from <i>Thermus filiformis</i> . Letters in Applied Microbiology, 2013, 57, 40-46.	2.2	23
14	In vitro anti-Trypanosoma cruzi activity of ternary copper(II) complexes and in vivo evaluation of the most promising complex. Biomedicine and Pharmacotherapy, 2019, 109, 157-166.	5.6	23
15	Quantifying Nonnative Interactions in the Protein-Folding Free-Energy Landscape. Biophysical Journal, 2016, 111, 287-293.	0.5	21
16	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). European Journal of Medicinal Chemistry, 2019, 180, 213-223.	5.5	20
17	DNA binding, cleavage, apoptosis and cytotoxicity studies of three heteroleptic nickel complexes bearing $\beta^2$ -diketones. Inorganica Chimica Acta, 2020, 511, 119824.	2.4	20
18	Supersymmetric quantum mechanics method for the Fokker-Planck equation with applications to protein folding dynamics. Physica A: Statistical Mechanics and Its Applications, 2018, 493, 286-300.	2.6	17

#	ARTICLE	IF	CITATIONS
19	Organometallic Gold(III) Complex [Au(Hdamp)(L1<sup>4</sup>)]<sup>+</sup> (L1 = <i>SNS</i>-Donating) Tj ETQq1 1 0.784314 rg&ST Diseases, 2019, 5, 1698-1707.	3.8	16
20	A Dynamic Hydrophobic Core and Surface Salt Bridges Thermostabilize a Designed Three-Helix Bundle. Biophysical Journal, 2019, 116, 621-632.	0.5	16
21	VirB7 and VirB9 Interactions Are Required for the Assembly and Antibacterial Activity of a Type IV Secretion System. Structure, 2016, 24, 1707-1718.	3.3	14
22	Cu(I) complexes with thiosemicarbazides derived from p-toluenesulfohydrazide: Structural, luminescence and biological studies. Polyhedron, 2018, 155, 170-179.	2.2	14
23	Drift-diffusion (DrDiff) framework determines kinetics and thermodynamics of two-state folding trajectory and tunes diffusion models. Journal of Chemical Physics, 2019, 151, 114106.	3.0	14
24	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. Journal of Molecular Modeling, 2016, 22, 286.	1.8	13
25	A novel peptide-based sensor platform for detection of anti-Toxoplasma gondii immunoglobulins. Journal of Pharmaceutical and Biomedical Analysis, 2019, 175, 112778.	2.8	12
26	Stochastic diffusion framework determines the free-energy landscape and rate from single-molecule trajectory. Journal of Chemical Physics, 2018, 149, 234107.	3.0	11
27	Copper(II) complexes based on thiosemicarbazone ligand: Preparation, crystal structure, Hirshfeld surface, energy framework, antiMycobacterium activity, in silico and molecular docking studies. Journal of Inorganic Biochemistry, 2021, 223, 111543.	3.5	11
28	Effects of pH and aggregation in the human prion conversion into scrapie form: a study using molecular dynamics with excited normal modes. European Biophysics Journal, 2018, 47, 583-590.	2.2	10
29	The Role of Electrostatics and Folding Kinetics on the Thermostability of Homologous Cold Shock Proteins. Journal of Chemical Information and Modeling, 2020, 60, 546-561.	5.4	10
30	Fragmentation Study, Dual Anti-Bactericidal and Anti-Viral Effects and Molecular Docking of Cobalt(III) Complexes. International Journal of Molecular Sciences, 2020, 21, 8355.	4.1	10
31	The Dynamics of Subunit Rotation in a Eukaryotic Ribosome. Biophysica, 2021, 1, 204-221.	1.4	10
32	Electropolymerization of hydroxyphenylacetic acid isomers and the development of a bioelectrode for the diagnosis of bacterial meningitis. Journal of Applied Electrochemistry, 2015, 45, 1277-1287.	2.9	9
33	Development of gold(III) thiosemicarbazone complexâ€“loaded PLGA nanoparticles: characterization and sustained release studies. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	6
34	Ninhydrin as a novel DNA hybridization indicator applied to a highly reusable electrochemical genosensor for Candida auris. Talanta, 2021, 235, 122694.	5.5	6
35	Cholinesterase inhibitors assessment of aporphine alkaloids from Annona crassiflora and molecular docking studies. Bioorganic Chemistry, 2022, 120, 105593.	4.1	6
36	Biotin-painted proteins have thermodynamic stability switched by kinetic folding routes. Journal of Chemical Physics, 2022, 156, .	3.0	6

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Importance of the $\hat{I}^{25}\hat{I}^{26}$ 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
40	Identification of Bioactive Compounds and Analysis of Inhibitory Potential of the Digestive Enzymes from <i>Syzygium</i> sp. Extracts. <i>Journal of Chemistry</i> , 2019, 2019, 1-10.	1.9	4
41	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
42	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
43	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
44	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
45	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
46	Intramolecular C(sp <sup>2</sup> )â€“C(sp <sup>2</sup> ) bond formation between phenanthroline and $\hat{I}^2$ -diketone thiosemicarbazones in Pt <sup>II</sup> complexes: crystal structures and computational studies. <i>Dalton Transactions</i> , 2020, 49, 9564-9567.	3.3	1
47	Nitroisatin dithiocarbazate: Synthesis, structural characterization, DFT, and docking studies. <i>European Journal of Chemistry</i> , 2021, 12, 235-241.	0.6	1
48	Quantifying biomolecular diffusion with a "spherical cow" model. <i>American Journal of Physics</i> , 2022, 90, 225-238.	0.7	1
49	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