

Jorge Luiz Neves

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9026027/publications.pdf>

Version: 2024-02-01

30
papers

607
citations

623734

14
h-index

610901

24
g-index

31
all docs

31
docs citations

31
times ranked

985
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting structure–function–stability relationships of a thermostable GH5-CBM3 cellulase from <i>Bacillus subtilis</i> 168. <i>Biochemical Journal</i> , 2012, 441, 95-104.	3.7	81
2	Synthesis of thiophene-thiosemicarbazone derivatives and evaluation of their <i>in vitro</i> and <i>in vivo</i> antitumor activities. <i>European Journal of Medicinal Chemistry</i> , 2015, 104, 148-156.	5.5	63
3	The repeat domain of the type III effector protein PthA shows a TPR-like structure and undergoes conformational changes upon DNA interaction. <i>Proteins: Structure, Function and Bioinformatics</i> , 2010, 78, 3386-3395.	2.6	39
4	Quantum pattern recognition with liquid-state nuclear magnetic resonance. <i>Physical Review A</i> , 2009, 79, .	2.5	37
5	Sialic acid: a sweet swing between mammalian host and <i>Trypanosoma cruzi</i> . <i>Frontiers in Immunology</i> , 2012, 3, 356.	4.8	35
6	Furan inhibitory activity against tyrosinase and impact on B16F10 cell toxicity. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 1034-1041.	7.5	35
7	New spiro-acridines: DNA interaction, antiproliferative activity and inhibition of human DNA topoisomerases. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 467-475.	7.5	33
8	The Fantastic Four: A plug –™ play set of optimal control pulses for enhancing NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2013, 228, 16-31.	2.1	29
9	Heteronuclear decoupling by optimal tracking. <i>Journal of Magnetic Resonance</i> , 2009, 201, 7-17.	2.1	28
10	Exploring the limits of polarization transfer efficiency in homonuclear three spin systems. <i>Journal of Magnetic Resonance</i> , 2006, 181, 126-134.	2.1	27
11	New lanthanide–CB[6] coordination compounds: relationships between the crystal structure and luminescent properties. <i>Dalton Transactions</i> , 2014, 43, 5435-5442.	3.3	25
12	Multiple-spin coherence transfer in linear Ising spin chains and beyond: Numerically optimized pulses and experiments. <i>Physical Review A</i> , 2012, 85, .	2.5	22
13	Further structural characterization of the <i>Echinococcus granulosus</i> laminated layer carbohydrates: The blood-antigen P1-motif gives rise to branches at different points of the O-glycan chains. <i>Glycobiology</i> , 2013, 23, 438-452.	2.5	21
14	Effects of pyriproxyfen on zebrafish brain mitochondria and acetylcholinesterase. <i>Chemosphere</i> , 2021, 263, 128029.	8.2	17
15	Evidence of Ternary Complex Formation in <i>Trypanosoma cruzi</i> trans-Sialidase Catalysis. <i>Journal of Biological Chemistry</i> , 2014, 289, 423-436.	3.4	16
16	Insights on the interaction of furfural derivatives with BSA and HTF by applying multi-spectroscopic and molecular docking approaches. <i>Journal of Molecular Liquids</i> , 2020, 317, 114021.	4.9	16
17	Sonoelectrochemical synthesis of metal-organic frameworks. <i>Synthetic Metals</i> , 2016, 220, 369-373.	3.9	15
18	Spiro-acridine inhibiting tyrosinase enzyme: Kinetic, protein-ligand interaction and molecular docking studies. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 289-297.	7.5	14

#	ARTICLE	IF	CITATIONS
19	Probing the interaction of carbonaceous dots with transferrin and albumin: Impact on the protein structure and non-synergetic metal release. <i>Journal of Molecular Liquids</i> , 2019, 292, 111460.	4.9	10
20	Long-range spherical potential energy function from the second virial coefficient using decomposition into subspaces. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 4355-4358.	2.8	8
21	Structural Analysis of Intermolecular Interactions in the Kinesin Adaptor Complex Fasciculation and Elongation Protein Zeta 1/ Short Coiled-Coil Protein (FEZ1/SCOCO). <i>PLoS ONE</i> , 2013, 8, e76602.	2.5	8
22	Impact on cholinesterase-inhibition and in silico investigations of sesquiterpenoids from Amazonian <i>Siparuna guianensis</i> Aubl.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119511.	3.9	7
23	Binding Mechanism between Acetylcholinesterase and Drugs Pazopanib and Lapatinib: Biochemical and Biophysical Studies. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4500-4511.	3.5	7
24	Effects of human serum albumin glycation on the interaction with the tyrosine kinase inhibitor pazopanib unveiled by multi-spectroscopic and bioinformatic tools. <i>Journal of Molecular Liquids</i> , 2021, 340, 116843.	4.9	6
25	Recurrent Neural Network Model to Retrieve the Long Range Spherical Potential Energy Function from Second Virial Coefficient. <i>Inverse Problems in Science and Engineering</i> , 2002, 10, 153-162.	0.5	4
26	Evaluation of europium-based carbon nanocomposites as bioimaging probes: Preparation, NMR relaxivities, binding effects over plasma proteins and cytotoxic aspects. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127250.	4.7	2
27	A new lectin from the floral capitula of <i>Egletes viscosa</i> (EgviL): Biochemical and biophysical characterization and cytotoxicity to human cancer cells. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 676-685.	7.5	1
28	Efficient tyrosinase nano-inhibitor based on carbon dots behaving as a gathering of hydrophobic cores and key chemical group. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 207, 112006.	5.0	1
29	Inversion of simulated positron annihilation lifetime spectra by moving boundary subspaces. <i>International Journal of Quantum Chemistry</i> , 2003, 95, 97-102.	2.0	0
30	Duffy binding-like 1 \pm adhesin from <i>Plasmodium falciparum</i> recognizes ABH histo-blood group saccharide in a type specific manner. <i>Carbohydrate Polymers</i> , 2019, 207, 266-275.	10.2	0