

Ivo C Martins

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,586
citations

430442

18
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

4617
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the interaction of Bovine Serum Albumin with Surface-Active Ionic Liquids in aqueous solution. <i>Journal of Molecular Liquids</i> , 2021, 322, 114537.	2.3	30
2	The Pseudo-Circular Genomes of Flaviviruses: Structures, Mechanisms, and Functions of Circularization. <i>Cells</i> , 2021, 10, 642.	1.8	6
3	Lipid membrane-based therapeutics and diagnostics. <i>Archives of Biochemistry and Biophysics</i> , 2021, 704, 108858.	1.4	4
4	Islet amyloid polypeptide & amyloid beta peptide roles in Alzheimer's disease: two triggers, one disease. <i>Neural Regeneration Research</i> , 2021, 16, 1127.	1.6	17
5	Dengue and Zika Viruses: Epidemiological History, Potential Therapies, and Promising Vaccines. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 150.	0.9	41
6	Intrinsically disordered protein domains in flavivirus infection. <i>Archives of Biochemistry and Biophysics</i> , 2020, 683, 108298.	1.4	7
7	Islet Amyloid Polypeptide: A Partner in Crime With A β in the Pathology of Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 35.	1.4	48
8	Structural and Functional Properties of the Capsid Protein of Dengue and Related Flavivirus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3870.	1.8	22
9	West Nile Virus Capsid Protein Interacts With Biologically Relevant Host Lipid Systems. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 8.	1.8	29
10	Fast NMR method to probe solvent accessibility and disordered regions in proteins. <i>Scientific Reports</i> , 2019, 9, 1647.	1.6	12
11	Impact of α -fibrinogen interaction with red blood cells on fibrin clots. <i>Nanomedicine</i> , 2018, 13, 2491-2505.	1.7	4
12	Methods for Lipid Droplet Biophysical Characterization in Flaviviridae Infections. <i>Frontiers in Microbiology</i> , 2018, 9, 1951.	1.5	35
13	Flavivirus Capsid Protein Binding to Host Lipid Systems. <i>Biophysical Journal</i> , 2018, 114, 219a.	0.2	1
14	Glycation potentiates α -synuclein-associated neurodegeneration in synucleinopathies. <i>Brain</i> , 2017, 140, 1399-1419.	3.7	153
15	Effects of <i>Penicillium chrysogenum</i> var. <i>halophenicum</i> on kraft lignin: color stabilization and cytotoxicity evaluation. <i>3 Biotech</i> , 2016, 6, 102.	1.1	6
16	Understanding Dengue Virus Capsid Protein Interaction with Key Biological Targets. <i>Scientific Reports</i> , 2015, 5, 10592.	1.6	19
17	Use of Short Amyloidogenic Peptides in Protein-Ligand Detection Systems. <i>Biophysical Journal</i> , 2015, 108, 345a.	0.2	0
18	Understanding Dengue Virus Capsid Protein Disordered N-Terminus and pep14-23-Based Inhibition. <i>ACS Chemical Biology</i> , 2015, 10, 517-526.	1.6	45

#	ARTICLE	IF	CITATIONS
19	Dengue virus capsid protein interacts specifically with very low-density lipoproteins. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 247-255.	1.7	59
20	Amyloid-based nanosensors and nanodevices. <i>Chemical Society Reviews</i> , 2014, 43, 5326.	18.7	152
21	Inhibition of ovine in vitro fertilization by anti-Prt antibody: hypothetical model for Prt/ZP interaction. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 25.	1.4	9
22	NMR solution structure and SRP54M predicted interaction of the N-terminal sequence (1-30) of the ovine Doppel protein. <i>Peptides</i> , 2013, 49, 32-40.	1.2	18
23	Dengue Virus Capsid Protein Binding to Lipid Droplets and its Inhibition. towards a New Drug Target. <i>Biophysical Journal</i> , 2013, 104, 415a.	0.2	0
24	The Dengue Virus Capsid Protein Inhibitor Peptide Pep14-23 becomes Alpha-Helical upon Binding to Negative Lipids. <i>Biophysical Journal</i> , 2013, 104, 536a.	0.2	0
25	Atomic force microscopy and force spectroscopy on the assessment of protein folding and functionality. <i>Archives of Biochemistry and Biophysics</i> , 2013, 531, 116-127.	1.4	22
26	Dengue Virus Capsid Protein Binding to Hepatic Lipid Droplets (LD) Is Potassium Ion Dependent and Is Mediated by LD Surface Proteins. <i>Journal of Virology</i> , 2012, 86, 2096-2108.	1.5	115
27	The disordered N-terminal region of dengue virus capsid protein contains a lipid-droplet-binding motif. <i>Biochemical Journal</i> , 2012, 444, 405-415.	1.7	83
28	Characterization of the Interaction of the Dengue Virus Capsid Protein with Lipid Droplets. <i>Biophysical Journal</i> , 2011, 100, 403a-404a.	0.2	1
29	Neurotoxicity of Alzheimer's disease A β peptides is induced by small changes in the A β ²⁴² to A β ²⁴⁰ ratio. <i>EMBO Journal</i> , 2010, 29, 3408-3420.	3.5	455
30	Exploring the sequence determinants of amyloid structure using position-specific scoring matrices. <i>Nature Methods</i> , 2010, 7, 237-242.	9.0	566
31	Lipids revert inert A β amyloid fibrils to neurotoxic protofibrils that affect learning in mice. <i>EMBO Journal</i> , 2008, 27, 224-233.	3.5	303
32	Prediction of water and metal binding sites and their affinities by using the Fold-X force field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10147-10152.	3.3	315