

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 | Exploring the sequence determinants of amyloid structure using position-specific scoring matrices. <i>Nature Methods</i> , 2010, 7, 237-242. | 9.0 | 566 |
| 2 | Neurotoxicity of Alzheimer's disease A β peptides is induced by small changes in the A β ⁴² to A β ⁴⁰ ratio. <i>EMBO Journal</i> , 2010, 29, 3408-3420. | 3.5 | 455 |
| 3 | 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 |
| 4 | 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 |
| 5 | Glycation potentiates α -synuclein-associated neurodegeneration in synucleinopathies. <i>Brain</i> , 2017, 140, 1399-1419. | 3.7 | 153 |
| 6 | Amyloid-based nanosensors and nanodevices. <i>Chemical Society Reviews</i> , 2014, 43, 5326. | 18.7 | 152 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Dengue and Zika Viruses: Epidemiological History, Potential Therapies, and Promising Vaccines. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 150. | 0.9 | 41 |
| 13 | Methods for Lipid Droplet Biophysical Characterization in Flaviviridae Infections. <i>Frontiers in Microbiology</i> , 2018, 9, 1951. | 1.5 | 35 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Understanding Dengue Virus Capsid Protein Interaction with Key Biological Targets. <i>Scientific Reports</i> , 2015, 5, 10592. | 1.6 | 19 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Fast NMR method to probe solvent accessibility and disordered regions in proteins. <i>Scientific Reports</i> , 2019, 9, 1647. | 1.6 | 12 |
| 22 | 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 |
| 23 | Intrinsically disordered protein domains in flavivirus infection. <i>Archives of Biochemistry and Biophysics</i> , 2020, 683, 108298. | 1.4 | 7 |
| 24 | Effects of <i>Penicillium chrysogenum</i> var. <i>halopenolicum</i> on kraft lignin: color stabilization and cytotoxicity evaluation. <i>3 Biotech</i> , 2016, 6, 102. | 1.1 | 6 |
| 25 | The Pseudo-Circular Genomes of Flaviviruses: Structures, Mechanisms, and Functions of Circularization. <i>Cells</i> , 2021, 10, 642. | 1.8 | 6 |
| 26 | Impact of α_2 fibrinogen interaction with red blood cells on fibrin clots. <i>Nanomedicine</i> , 2018, 13, 2491-2505. | 1.7 | 4 |
| 27 | Lipid membrane-based therapeutics and diagnostics. <i>Archives of Biochemistry and Biophysics</i> , 2021, 704, 108858. | 1.4 | 4 |
| 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 | Flavivirus Capsid Protein Binding to Host Lipid Systems. <i>Biophysical Journal</i> , 2018, 114, 219a. | 0.2 | 1 |
| 30 | 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 |
| 31 | 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 |
| 32 | Use of Short Amyloidogenic Peptides in Protein-Ligand Detection Systems. <i>Biophysical Journal</i> , 2015, 108, 345a. | 0.2 | 0 |