Carlos A H Fernandes

List of Publications by Year
in descending order

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26 papers	511 citations	759233 12 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	516 citing authors

#	Article	IF	Citations
1	RPA-1 from Leishmania sp.: Recombinant Protein Expression and Purification, Molecular Modeling, and Molecular Dynamics Simulations Protocols. Methods in Molecular Biology, 2021, 2281, 169-191.	0.9	1
2	Gallic acid anti-myotoxic activity and mechanism of action, a snake venom phospholipase A2 toxin inhibitor, isolated from the medicinal plant Anacardium humile. International Journal of Biological Macromolecules, 2021, 185, 494-512.	7.5	11
3	A multi-approach analysis highlights the relevance of RPA-1 as a telomere end-binding protein (TEBP) in Leishmania amazonensis. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129607.	2.4	10
4	Isolation and structural characterization of bioactive compound from Aristolochia sprucei aqueous extract with anti-myotoxic activity. Toxicon: X, 2020, 7, 100049.	2.9	7
5	Nuclear export of replication protein A in the nonreplicative infective forms of TrypanosomaÂcruzi. FEBS Letters, 2020, 594, 1596-1607.	2.8	6
6	Dual cellular localization of the Leishmania amazonensis Rbp38 (LaRbp38) explains its affinity for telomeric and mitochondrial DNA. Biochimie, 2019, 162, 15-25.	2.6	3
7	Replication Protein Aâ€1 Has a Preference for the Telomeric Gâ€rich Sequence in Trypanosoma cruzi. Journal of Eukaryotic Microbiology, 2018, 65, 345-356.	1.7	10
8	Molecular cloning and structural modelling of gamma-phospholipase A2 inhibitors from Bothrops atrox and Micrurus lemniscatus snakes. International Journal of Biological Macromolecules, 2017, 103, 525-532.	7.5	6
9	A calmodulin-like protein (LCALA) is a new Leishmania amazonensis candidate for telomere end-binding protein. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2583-2597.	2.4	4
10	Structural studies with BnSP-7 reveal an atypical oligomeric conformation compared to phospholipases A2-like toxins. Biochimie, 2017, 142, 11-21.	2.6	11
11	Functional and structural studies of a Phospholipase A2-like protein complexed to zinc ions: Insights on its myotoxicity and inhibition mechanism. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3199-3209.	2.4	24
12	Secreted Phospholipases A2 from Animal Venoms in Pain and Analgesia. Toxins, 2017, 9, 406.	3.4	55
13	Structural Basis for the Inhibition of a Phospholipase A2-Like Toxin by Caffeic and Aristolochic Acids. PLoS ONE, 2015, 10, e0133370.	2.5	33
14	A structure-based proposal for a comprehensive myotoxic mechanism of phospholipase A2-like proteins from viperid snake venoms. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 2265-2276.	2.3	73
15	Structural bases for a complete myotoxic mechanism: Crystal structures of two non-catalytic phospholipases A2-like from Bothrops brazili venom. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 2772-2781.	2.3	33
16	Biophysical Characterization of the Recombinant Importin-Î± from Neurospora crassa. Protein and Peptide Letters, 2013, 20, 8-16.	0.9	10
17	Structural and Phylogenetic Studies with MjTX-I Reveal a Multi-Oligomeric Toxin â€“ a Novel Feature in Lys49-PLA2s Protein Class. PLoS ONE, 2013, 8, e60610.	2.5	16
18	Crystallization and preliminary X-ray diffraction analysis of three myotoxic phospholipases A₂fromBothrops brazilivenom. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 935-938.	0.7	1

#	Article	IF	Citations
19	Molecular cloning and biochemical characterization of a myotoxin inhibitor from Bothrops alternatus snake plasma. Biochimie, 2011, 93, 583-592.	2.6	21
20	Crystallization and preliminary X-ray diffraction analysis of a Lys49-phospholipase A₂complexed with caffeic acid, a molecule with inhibitory properties against snake venoms. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 249-252.	0.7	7
21	Structural, functional, and bioinformatics studies reveal a new snake venom homologue phospholipase A₂ class. Proteins: Structure, Function and Bioinformatics, 2011, 79, 61-78.	2.6	44
22	Comparison between apo and complexed structures of bothropstoxin-I reveals the role of Lys122 and Ca2+-binding loop region for the catalytically inactive Lys49-PLA2s. Journal of Structural Biology, 2010, 171, 31-43.	2.8	46
23	Crystal structure of a phospholipase A2 homolog complexed with p-bromophenacyl bromide reveals important structural changes associated with the inhibition of myotoxic activity. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1583-1590.	2.3	33
24	Influence of Quaternary Conformation on the Biological Activities of the Asp49-phospholipases A2s from Snake Venoms. Protein and Peptide Letters, 2009, 16, 852-859.	0.9	15
25	The Intriguing Phospholipases A2 Homologues: Relevant Structural Features on Myotoxicity and Catalytic Inactivity. Protein and Peptide Letters, 2009, 16, 887-893.	0.9	25
26	Preliminary X-Ray Crystallographic Studies of a Lys49-Phospholipase A2 Homologue from Bothrops pirajai Venom Complexed with p-Bromophenacyl Bromide and Î±-Tocopherol Inhibitors. Protein and Peptide Letters, 2007, 14, 698-701.	0.9	6