Anderson S Pinheiro

List of Publications by Year
in descending order

39 papers	971 citations	430843 18 h-index	454934 30 g-index
42 all docs	42 docs citations	42 times ranked	1709 citing authors

#	Article	IF	Citations
1	Phase separation of the mammalian prion protein: Physiological and pathological perspectives. Journal of Neurochemistry, 2023, 166, 58-75.	3.9	6
2	Insights into the specificity for the interaction of the promiscuous SARS-CoV-2 nucleocapsid protein N-terminal domain with deoxyribonucleic acids. International Journal of Biological Macromolecules, 2022, 203, 466-480.	7.5	16
3	Enzymes in the time of COVIDâ€19: An overview about the effects in the human body, enzyme market, and perspectives for new drugs. Medicinal Research Reviews, 2022, 42, 2126-2167.	10.5	4
4	Identification and recombinant expression of an antimicrobial peptide (cecropin B-like) from soybean pest Anticarsia gemmatalis. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2021, 27, e20200127.	1.4	0
5	Dynamics of the SARS-CoV-2 nucleoprotein N-terminal domain triggers RNA duplex destabilization. Biophysical Journal, 2021, 120, 2814-2827.	0.5	12
6	Unveiling the physicochemical properties and chemical profile of artisanal jabuticaba wines by bromatological and NMR-based metabolomics approaches. LWT - Food Science and Technology, 2021, 146, 111371.	5.2	4
7	Polyamine and Trypanothione Pathways as Targets for Novel Antileishmanial Drugs. Topics in Medicinal Chemistry, 2021, , 143-180.	0.8	1
8	Liquidâ€liquid phase separation and fibrillation of the prion protein modulated by a highâ€affinity DNA aptamer. FASEB Journal, 2020, 34, 365-385.	0.5	42
9	Identification of Chalcone Derivatives as Inhibitors of Leishmania infantum Arginase and Promising Antileishmanial Agents. Frontiers in Chemistry, 2020, 8, 624678.	3.6	29
10	Synthesis and in silico and in vitro evaluation of trimethoxy-benzamides designed as anti-prion derivatives. Medicinal Chemistry Research, 2019, 28, 2128-2141.	2.4	0
11	Retinoic Acid Binding Leads to CRABP2 Rigidification and Dimerization. Biochemistry, 2019, 58, 4183-4194.	2.5	7
12	Leishmania infantum arginase: biochemical characterization and inhibition by naturally occurring phenolic substances. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1100-1109.	5.2	28
13	¹H NMR metabolomics reveals increased glutaminolysis upon overexpression of NSD3s or Pdp3 in Saccharomyces cerevisiae. Journal of Cellular Biochemistry, 2019, 120, 5377-5385.	2.6	5
14	Oligomeric transition and dynamics of RNA binding by the HuR RRM1 domain in solution. Journal of Biomolecular NMR, 2018, 72, 179-192.	2.8	11
15	Cytotoxicity and anti-Leishmania amazonensis activity of Citrus sinensis leaf extracts. Pharmaceutical Biology, 2017, 55, 1780-1786.	2.9	21
16	The PWWP domain of the human oncogene WHSC1L1/NSD3 induces a metabolic shift toward fermentation. Oncotarget, 2017, 8, 54068-54081.	1.8	8
17	PWWP domains and their modes of sensing DNA and histone methylated lysines. Biophysical Reviews, 2016, 8, 63-74.	3.2	41
18	Refolding, purification, and preliminary structural characterization of the DNA-binding domain of the quorum sensing receptor RhlR from Pseudomonas aeruginosa. Protein Expression and Purification, 2016, 121, 31-40.	1.3	3

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19	A structural perspective on the mechanisms of quorum sensing activation in bacteria. Anais Da Academia Brasileira De Ciencias, 2015, 87, 2189-2203.	0.8	13
20	Natural Products: Insights into Leishmaniasis Inflammatory Response. Mediators of Inflammation, 2015, 2015, 1-12.	3.0	52
21	1H, 15N and 13C resonance assignments of the RRM1 domain of the key post-transcriptional regulator HuR. Biomolecular NMR Assignments, 2015, 9, 281-284.	0.8	4
22	Oligomerization and Membrane-binding Properties of Covalent Adducts Formed by the Interaction of Î±-Synuclein with the Toxic Dopamine Metabolite 3,4-Dihydroxyphenylacetaldehyde (DOPAL). Journal of Biological Chemistry, 2015, 290, 27660-27679.	3.4	100
23	Unveiling the role of the pesticides paraquat and rotenone on Î±-synuclein fibrillation in vitro. NeuroToxicology, 2015, 46, 35-43.	3.0	18
24	UV-induced selective oxidation of Met5 to Met-sulfoxide leads to the formation of neurotoxic fibril-incompetent Î±-synuclein oligomers. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2014, 21, 163-174.	3.0	20
25	From Structure to Catalysis: Recent Developments in the Biotechnological Applications of Lipases. BioMed Research International, 2014, 2014, 1-11.	1.9	99
26	Pitfalls associated with the use of Thioflavin-T to monitor anti-fibrillogenic activity. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3194-3198.	2.2	62
27	Hydration and Conformational Equilibrium in Yeast Thioredoxin 1: Implication for H+Exchange. Biochemistry, 2014, 53, 2890-2902.	2.5	9
28	Î±â€Synuclein as an intrinsically disordered monomerÂâ€“Âfact or artefact?. FEBS Journal, 2013, 280, 4915-4927.	4.7	64
29	Structural and Functional Analysis of the NLRP4 Pyrin Domain. Biochemistry, 2012, 51, 7330-7341.	2.5	42
30	Structural Signature of the MYPT1â^'PP1 Interaction. Journal of the American Chemical Society, 2011, 133, 73-80.	13.7	44
31	The NLRP12 Pyrin Domain: Structure, Dynamics, and Functional Insights. Journal of Molecular Biology, 2011, 413, 790-803.	4.2	57
32	Backbone and side chain 1H, 15N and 13C assignments of the KSR1 CA1 domain. Biomolecular NMR Assignments, 2011, 5, 39-41.	0.8	1
33	Three-dimensional Structure of the NLRP7 Pyrin Domain. Journal of Biological Chemistry, 2010, 285, 27402-27410.	3.4	53
34	Backbone and sidechain 1H, 15N and 13C assignments of the NLRP7 pyrin domain. Biomolecular NMR Assignments, 2009, 3, 207-209.	0.8	3
35	NMR solution structure of the reduced form of thioredoxin 1 from Sacharomyces cerevisiae. Proteins: Structure, Function and Bioinformatics, 2008, 70, 584-587.	2.6	21
36	NMR solution structure of the reduced form of thioredoxin 2 from Saccharomyces cerevisiae. Journal of Biomolecular NMR, 2007, 38, 99-104.	2.8	18

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37	1 H, 13 C and 15 N Resonance Assignments for the Reduced Forms of Thioredoxin 1 and 2 fromÂS. cerevisiae. Journal of Biomolecular NMR, 2006, 36, 35-35.	2.8	5
38	Pressure-Induced Fusogenic Conformation of Vesicular Stomatitis Virus Glycoproteinâ€. Biochemistry, 2003, 42, 5540-5546.	2.5	15
39	The Metastable State of Nucleocapsids of Enveloped Viruses as Probed by High Hydrostatic Pressure. Journal of Biological Chemistry, 2001, 276, 7415-7421.	3.4	26