Adolfo H Moraes

List of Publications by Year
in descending order

33	389	687363	794594
papers	citations	13 h-index	19 g-index

33	33	33	736
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bet v 1 â€“ a Trojan horse for small ligands boosting allergic sensitization?. Clinical and Experimental Allergy, 2014, 44, 1083-1093.	2.9	38
2	Electron paramagnetic resonance study of lipid and protein membrane components of erythrocytes oxidized with hydrogen peroxide. Brazilian Journal of Medical and Biological Research, 2012, 45, 473-481.	1.5	37
3	Structural basis for the dissociation of Î±-synuclein fibrils triggered by pressure perturbation of the hydrophobic core. Scientific Reports, 2016, 6, 37990.	3.3	35
4	Epitope mapping by solution NMR spectroscopy. Journal of Molecular Recognition, 2015, 28, 393-400.	2.1	34
5	The intrinsically disordered C terminus of troponin T binds to troponin C to modulate myocardial force generation. Journal of Biological Chemistry, 2019, 294, 20054-20069.	3.4	23
6	Solution and high-pressure NMR studies of the structure, dynamics, and stability of the cross-reactive allergenic cod parvalbumin Gad m 1. Proteins: Structure, Function and Bioinformatics, 2014, 82, 3032-3042.	2.6	22
7	Amide hydrogens reveal a temperature-dependent structural transition that enhances site-II Ca2+-binding affinity in a C-domain mutant of cardiac troponin C. Scientific Reports, 2017, 7, 691.	3.3	21
8	Zika virus proteins at an atomic scale: how does structural biology help us to understand and develop vaccines and drugs against Zika virus infection?. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2019, 25, e20190013.	1.4	21
9	Structural and Dynamic Insights of the Interaction between Tritrpticin and Micelles: An NMR Study. Biophysical Journal, 2016, 111, 2676-2688.	0.5	19
10	Structural basis for cross-reactivity and conformation fluctuation of the major beech pollen allergen Fag s 1. Scientific Reports, 2018, 8, 10512.	3.3	17
11	Allosteric Transmission along a Loosely Structured Backbone Allows a Cardiac Troponin C Mutant to Function with Only One Ca2+ Ion. Journal of Biological Chemistry, 2017, 292, 2379-2394.	3.4	15
12	Molecular Dynamics and Partitioning of Diâ€‹tertâ€‹butyl Nitroxide in Stratum Corneum Membranes: Effect of Terpenes. Lipids, 2010, 45, 419-427.	1.7	14
13	Antibody Binding Modulates Conformational Exchange in Domain III of Dengue Virus E Protein. Journal of Virology, 2016, 90, 1802-1811.	3.4	13
14	Multicatalytic Hybrid Materials for Biocatalytic and Chemoenzymatic Cascadesâ€”Strategies for Multicatalyst (Enzyme) Co-Immobilization. Catalysts, 2021, 11, 936.	3.5	13
15	A Cross-Reactive Human Single-Chain Antibody for Detection of Major Fish Allergens, Parvalbumins, and Identification of a Major IgE-Binding Epitope. PLoS ONE, 2015, 10, e0142625.	2.5	12
16	New Heteroleptic Ruthenium(II) Complexes with Sulfamethoxypyridazine and Diimines as Potential Antitumor Agents. Molecules, 2019, 24, 2154.	3.8	9
17	Non-structural protein 5 (NS5) as a target for antiviral development against established and emergent flaviviruses. Current Opinion in Virology, 2021, 50, 30-39.	5.4	9
18	Anomalous structural dynamics of minimally frustrated residues in cardiac troponin C triggers hypertrophic cardiomyopathy. Chemical Science, 2021, 12, 7308-7323.	7.4	7

#	Article	IF	Citations
19	An Overview on Protein Structure Determination by NMR: Historical and Future Perspectives of the use of Distance Geometry Methods. , 2013, , 377-412.		7
20	Antioxidant effect of 4-nerolidylcatechol and Î±-tocopherol in erythrocyte ghost membranes and phospholipid bilayers. Brazilian Journal of Medical and Biological Research, 2013, 46, 780-788.	1.5	5
21	Interactions of ruthenium(II) compounds with sulfasalazine and N,Nâ€²-heterocyclic ligands with proteins. Inorganica Chimica Acta, 2017, 467, 385-390.	2.4	4
22	1H, 13C and 15N resonance assignments and second structure information of Gad m 1: a Î²-parvalbumin allergen from Atlantic cod (Gadus morhua). Biomolecular NMR Assignments, 2013, 7, 133-136.	0.8	3
23	Structures of the reduced and oxidized state of the mutant D24A of yeast thioredoxin 1: insights into the mechanism for the closing of the water cavity. Journal of Biomolecular NMR, 2015, 63, 417-423.	2.8	3
24	Conformational dynamics of Tetracenomycin aromatase/cyclase regulate polyketide binding and enzyme aggregation propensity. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129949.	2.4	3
25	1H, 13C and 15N resonance assignments and second structure information of Fag s 1: Fagales allergen from Fagus sylvatica. Biomolecular NMR Assignments, 2016, 10, 45-48.	0.8	2
26	Characterization of Conformational Diversity, Stability, and Catalytic Activity of TcmN, an Enzyme Involved in Antibiotic Biosynthesis. Biophysical Journal, 2019, 116, 37a.	0.5	2
27	Dynamics and allostery of Zika virus non-structural protein 5 methyltransferase. Journal of Biomolecular Structure and Dynamics, 2020, 39, 1-13.	3.5	1
28	Structural Behavior of Cardiac Troponin C Variants Present in Cardiomyopathic Patients. Biophysical Journal, 2015, 108, 213a.	0.5	0
29	Structural Basis for the Dissociation of Alpha-Synuclein Fibrils Triggered by Pressure Perturbation of the Hydrophobic Core. Biophysical Journal, 2017, 112, 178a.	0.5	0
30	Allosteric Transmission Along a Loosely Structured Backbone Allows a Cardiac Troponin C Mutant to Function with only One Ca 2+ ion. Biophysical Journal, 2017, 112, 62a.	0.5	0
31	Clinical and Biophysical Characterization of a Mutation in the N-Helix Region of Cardiac Troponin C: Evidence for an Allosteric Mechanism of Contractile Dysfunction. Biophysical Journal, 2018, 114, 568a.	0.5	0
32	Weak Domain Stability and Higher Ca2+ Binding Affinity Contribute to Allostery between the D/E Linker and N-Helix of Cardiac Troponin C. Biophysical Journal, 2018, 114, 421a-422a.	0.5	0
33	Dynamic and Structural Allosteric Events between the D/E Linker and N-Domain of Cardiac Troponin C Reveal a Novel Mechanism for Cardiac Muscle Regulation. Biophysical Journal, 2019, 116, 488a.	0.5	0