

Adolfo H Moraes

List of Publications by Year in descending order

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33
papers

389
citations

687363

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794594

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33
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous structural dynamics of minimally frustrated residues in cardiac troponin C triggers hypertrophic cardiomyopathy. <i>Chemical Science</i> , 2021, 12, 7308-7323.	7.4	7
2	Multicatalytic Hybrid Materials for Biocatalytic and Chemoenzymatic Cascades—Strategies for Multicatalyst (Enzyme) Co-Immobilization. <i>Catalysts</i> , 2021, 11, 936.	3.5	13
3	Conformational dynamics of Tetracenomycin aromatase/cyclase regulate polyketide binding and enzyme aggregation propensity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129949.	2.4	3
4	Non-structural protein 5 (NS5) as a target for antiviral development against established and emergent flaviviruses. <i>Current Opinion in Virology</i> , 2021, 50, 30-39.	5.4	9
5	Dynamics and allostery of Zika virus non-structural protein 5 methyltransferase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 39, 1-13.	3.5	1
6	Zika virus proteins at an atomic scale: how does structural biology help us to understand and develop vaccines and drugs against Zika virus infection?. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2019, 25, e20190013.	1.4	21
7	New Heteroleptic Ruthenium(II) Complexes with Sulfamethoxypyridazine and Diimines as Potential Antitumor Agents. <i>Molecules</i> , 2019, 24, 2154.	3.8	9
8	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. <i>Biophysical Journal</i> , 2019, 116, 488a.	0.5	0
9	Characterization of Conformational Diversity, Stability, and Catalytic Activity of TcmN, an Enzyme Involved in Antibiotic Biosynthesis. <i>Biophysical Journal</i> , 2019, 116, 37a.	0.5	2
10	The intrinsically disordered C terminus of troponin T binds to troponin C to modulate myocardial force generation. <i>Journal of Biological Chemistry</i> , 2019, 294, 20054-20069.	3.4	23
11	Clinical and Biophysical Characterization of a Mutation in the N-Helix Region of Cardiac Troponin C: Evidence for an Allosteric Mechanism of Contractile Dysfunction. <i>Biophysical Journal</i> , 2018, 114, 568a.	0.5	0
12	Weak Domain Stability and Higher Ca ²⁺ Binding Affinity Contribute to Allostery between the D/E Linker and N-Helix of Cardiac Troponin C. <i>Biophysical Journal</i> , 2018, 114, 421a-422a.	0.5	0
13	Structural basis for cross-reactivity and conformation fluctuation of the major beech pollen allergen Fag s 1. <i>Scientific Reports</i> , 2018, 8, 10512.	3.3	17
14	Allosteric Transmission along a Loosely Structured Backbone Allows a Cardiac Troponin C Mutant to Function with Only One Ca ²⁺ Ion. <i>Journal of Biological Chemistry</i> , 2017, 292, 2379-2394.	3.4	15
15	Structural Basis for the Dissociation of Alpha-Synuclein Fibrils Triggered by Pressure Perturbation of the Hydrophobic Core. <i>Biophysical Journal</i> , 2017, 112, 178a.	0.5	0
16	Allosteric Transmission Along a Loosely Structured Backbone Allows a Cardiac Troponin C Mutant to Function with only One Ca ²⁺ ion. <i>Biophysical Journal</i> , 2017, 112, 62a.	0.5	0
17	Interactions of ruthenium(II) compounds with sulfasalazine and N,N ² -heterocyclic ligands with proteins. <i>Inorganica Chimica Acta</i> , 2017, 467, 385-390.	2.4	4
18	Amide hydrogens reveal a temperature-dependent structural transition that enhances site-II Ca ²⁺ -binding affinity in a C-domain mutant of cardiac troponin C. <i>Scientific Reports</i> , 2017, 7, 691.	3.3	21

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19	Structural basis for the dissociation of α -synuclein fibrils triggered by pressure perturbation of the hydrophobic core. <i>Scientific Reports</i> , 2016, 6, 37990.	3.3	35
20	Structural and Dynamic Insights of the Interaction between Trirpticin and Micelles: An NMR Study. <i>Biophysical Journal</i> , 2016, 111, 2676-2688.	0.5	19
21	Antibody Binding Modulates Conformational Exchange in Domain III of Dengue Virus E Protein. <i>Journal of Virology</i> , 2016, 90, 1802-1811.	3.4	13
22	¹ H, ¹³ C and ¹⁵ N resonance assignments and second structure information of Fag s 1: Fagales allergen from <i>Fagus sylvatica</i> . <i>Biomolecular NMR Assignments</i> , 2016, 10, 45-48.	0.8	2
23	Structural Behavior of Cardiac Troponin C Variants Present in Cardiomyopathic Patients. <i>Biophysical Journal</i> , 2015, 108, 213a.	0.5	0
24	Epitope mapping by solution NMR spectroscopy. <i>Journal of Molecular Recognition</i> , 2015, 28, 393-400.	2.1	34
25	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. <i>Journal of Biomolecular NMR</i> , 2015, 63, 417-423.	2.8	3
26	A Cross-Reactive Human Single-Chain Antibody for Detection of Major Fish Allergens, Parvalbumins, and Identification of a Major IgE-Binding Epitope. <i>PLoS ONE</i> , 2015, 10, e0142625.	2.5	12
27	Solution and high-pressure NMR studies of the structure, dynamics, and stability of the cross-reactive allergenic cod parvalbumin Gad m 1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 3032-3042.	2.6	22
28	Bet v 1 " a Trojan horse for small ligands boosting allergic sensitization?. <i>Clinical and Experimental Allergy</i> , 2014, 44, 1083-1093.	2.9	38
29	¹ H, ¹³ C and ¹⁵ N resonance assignments and second structure information of Gad m 1: a β -parvalbumin allergen from Atlantic cod (<i>Gadus morhua</i>). <i>Biomolecular NMR Assignments</i> , 2013, 7, 133-136.	0.8	3
30	Antioxidant effect of 4-nerolidylcatechol and α -tocopherol in erythrocyte ghost membranes and phospholipid bilayers. <i>Brazilian Journal of Medical and Biological Research</i> , 2013, 46, 780-788.	1.5	5
31	An Overview on Protein Structure Determination by NMR: Historical and Future Perspectives of the use of Distance Geometry Methods. , 2013, , 377-412.		7
32	Electron paramagnetic resonance study of lipid and protein membrane components of erythrocytes oxidized with hydrogen peroxide. <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 473-481.	1.5	37
33	Molecular Dynamics and Partitioning of Di-tert-butyl Nitroxide in Stratum Corneum Membranes: Effect of Terpenes. <i>Lipids</i> , 2010, 45, 419-427.	1.7	14