

# Mayra De A Marques

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

320  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase separation of p53 precedes aggregation and is affected by oncogenic mutations and ligands. <i>Chemical Science</i> , 2021, 12, 7334-7349.	7.4	48
2	CryoEM maps are full of potential. <i>Current Opinion in Structural Biology</i> , 2019, 58, 214-223.	5.7	41
3	The Status of p53 Oligomeric and Aggregation States in Cancer. <i>Biomolecules</i> , 2020, 10, 548.	4.0	40
4	Structural basis for the dissociation of $\alpha$ -synuclein fibrils triggered by pressure perturbation of the hydrophobic core. <i>Scientific Reports</i> , 2016, 6, 37990.	3.3	35
5	Aggregation-primed molten globule conformers of the p53 core domain provide potential tools for studying p53 aggregation in cancer. <i>Journal of Biological Chemistry</i> , 2018, 293, 11374-11387.	3.4	34
6	Cardiac Troponin and Tropomyosin: Structural and Cellular Perspectives to Unveil the Hypertrophic Cardiomyopathy Phenotype. <i>Frontiers in Physiology</i> , 2016, 7, 429.	2.8	23
7	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
8	Amide hydrogens reveal a temperature-dependent structural transition that enhances site-II Ca <sup>2+</sup> -binding affinity in a C-domain mutant of cardiac troponin C. <i>Scientific Reports</i> , 2017, 7, 691.	3.3	21
9	Allosteric Transmission along a Loosely Structured Backbone Allows a Cardiac Troponin C Mutant to Function with Only One Ca <sup>2+</sup> Ion. <i>Journal of Biological Chemistry</i> , 2017, 292, 2379-2394.	3.4	15
10	Insights into the Intramolecular Coupling between the N- and C-Domains of Troponin C Derived from High-Pressure, Fluorescence, Nuclear Magnetic Resonance, and Small-Angle X-ray Scattering Studies. <i>Biochemistry</i> , 2013, 52, 28-40.	2.5	11
11	New Heteroleptic Ruthenium(II) Complexes with Sulfamethoxypyridazine and Diimines as Potential Antitumor Agents. <i>Molecules</i> , 2019, 24, 2154.	3.8	9
12	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
13	The missing links within troponin. <i>Archives of Biochemistry and Biophysics</i> , 2019, 663, 95-100.	3.0	6
14	Interactions of ruthenium(II) compounds with sulfasalazine and N,N'-heterocyclic ligands with proteins. <i>Inorganica Chimica Acta</i> , 2017, 467, 385-390.	2.4	4
15	High pressure studies on the misfolding and aggregation of p53 in cancer and of $\alpha$ -synuclein in Parkinson's disease. <i>High Pressure Research</i> , 2019, 39, 193-201.	1.2	3