

J Mario Isas

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,323
citations

471371

17
h-index

642610

23
g-index

26
all docs

26
docs citations

26
times ranked

1707
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibril Structure of Human Islet Amyloid Polypeptide. <i>Journal of Biological Chemistry</i> , 2012, 287, 5235-5241.	1.6	142
2	Soluble and Mature Amyloid Fibrils in Drusen Deposits. , 2010, 51, 1304.		135
3	The S100A10 Subunit of the Annexin A2 Heterotetramer Facilitates L2-Mediated Human Papillomavirus Infection. <i>PLoS ONE</i> , 2012, 7, e43519.	1.1	134
4	Structure and Dynamics of a Helical Hairpin and Loop Region in Annexin 12: A Site-Directed Spin Labeling Study. <i>Biochemistry</i> , 2002, 41, 1464-1473.	1.2	118
5	Membrane-mediated Assembly of Annexins Studied by Site-directed Spin Labeling. <i>Journal of Biological Chemistry</i> , 1998, 273, 22453-22457.	1.6	85
6	Structural Features and Domain Organization of Huntingtin Fibrils. <i>Journal of Biological Chemistry</i> , 2012, 287, 31739-31746.	1.6	85
7	Annexins V and XII Insert into Bilayers at Mildly Acidic pH and Form Ion Channels. <i>Biochemistry</i> , 2000, 39, 3015-3022.	1.2	83
8	Solid-State Nuclear Magnetic Resonance on the Static and Dynamic Domains of Huntingtin Exon-1 Fibrils. <i>Biochemistry</i> , 2015, 54, 3942-3949.	1.2	63
9	The 17-residue-long N terminus in huntingtin controls stepwise aggregation in solution and on membranes via different mechanisms. <i>Journal of Biological Chemistry</i> , 2018, 293, 2597-2605.	1.6	61
10	Hydration Dynamics of a Peripheral Membrane Protein. <i>Journal of the American Chemical Society</i> , 2016, 138, 11526-11535.	6.6	57
11	The Conserved Core Domains of Annexins A1, A2, A5, and B12 Can Be Divided into Two Groups with Different Ca ²⁺ -Dependent Membrane-Binding Properties. <i>Biochemistry</i> , 2005, 44, 2833-2844.	1.2	47
12	Determining the Membrane Topology of Proteins: Insertion Pathway of a Transmembrane Helix of Annexin 12. <i>Biochemistry</i> , 2002, 41, 13617-13626.	1.2	44
13	Polyglutamine- and Temperature-Dependent Conformational Rigidity in Mutant Huntingtin Revealed by Immunoassays and Circular Dichroism Spectroscopy. <i>PLoS ONE</i> , 2014, 9, e112262.	1.1	44
14	The Mitochondrial-Derived Peptides, HumaninS14G and Small Humanin-like Peptide 2, Exhibit Chaperone-like Activity. <i>Scientific Reports</i> , 2017, 7, 7802.	1.6	43
15	Formation and Structure of Wild Type Huntingtin Exon-1 Fibrils. <i>Biochemistry</i> , 2017, 56, 3579-3586.	1.2	30
16	Identification of distinct conformations associated with monomers and fibril assemblies of mutant huntingtin. <i>Human Molecular Genetics</i> , 2018, 27, 2330-2343.	1.4	26
17	Huntingtin fibrils with different toxicity, structure, and seeding potential can be interconverted. <i>Nature Communications</i> , 2021, 12, 4272.	5.8	25
18	Dynamics of the Proline-Rich C-Terminus of Huntingtin Exon-1 Fibrils. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9507-9515.	1.2	21

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19	Global Structural Changes in Annexin 12. <i>Journal of Biological Chemistry</i> , 2003, 278, 30227-30234.	1.6	19
20	Structure and Dynamics of a Helical Hairpin that Mediates Calcium-dependent Membrane Binding of Annexin B12. <i>Journal of Biological Chemistry</i> , 2004, 279, 32492-32498.	1.6	19
21	A Novel Calcium-Independent Peripheral Membrane-Bound Form of Annexin B12. <i>Biochemistry</i> , 2006, 45, 934-942.	1.2	19
22	Diabetic Risk Factors Promote Islet Amyloid Polypeptide Misfolding by a Common, Membrane-mediated Mechanism. <i>Scientific Reports</i> , 2016, 6, 31094.	1.6	8
23	Annexin B12 Trimer Formation is Governed by a Network of Protein-Protein and Protein-Lipid Interactions. <i>Scientific Reports</i> , 2020, 10, 5301.	1.6	6
24	Amplification of neurotoxic HTTex1 assemblies in human neurons. <i>Neurobiology of Disease</i> , 2021, 159, 105517.	2.1	6