J Mario Isas

List of Publications by Year
in descending order

24 papers	1,323 citations	471509 17 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	1707 citing authors

#	Article	IF	Citations
1	Huntingtin fibrils with different toxicity, structure, and seeding potential can be interconverted. Nature Communications, 2021, 12, 4272.	12.8	25
2	Amplification of neurotoxic HTTex1 assemblies in human neurons. Neurobiology of Disease, 2021, 159, 105517.	4.4	6
3	Annexin B12 Trimer Formation is Governed by a Network of Protein-Protein and Protein-Lipid Interactions. Scientific Reports, 2020, 10, 5301.	3.3	6
4	Identification of distinct conformations associated with monomers and fibril assemblies of mutant huntingtin. Human Molecular Genetics, 2018, 27, 2330-2343.	2.9	26
5	The 17-residue-long N terminus in huntingtin controls stepwise aggregation in solution and on membranes via different mechanisms. Journal of Biological Chemistry, 2018, 293, 2597-2605.	3.4	61
6	Dynamics of the Proline-Rich C-Terminus of Huntingtin Exon-1 Fibrils. Journal of Physical Chemistry B, 2018, 122, 9507-9515.	2.6	21
7	Formation and Structure of Wild Type Huntingtin Exon-1 Fibrils. Biochemistry, 2017, 56, 3579-3586.	2.5	30
8	The Mitochondrial-Derived Peptides, HumaninS14G and Small Humanin-like Peptide 2, Exhibit Chaperone-like Activity. Scientific Reports, 2017, 7, 7802.	3.3	43
9	Diabetic Risk Factors Promote Islet Amyloid Polypeptide Misfolding by a Common, Membrane-mediated Mechanism. Scientific Reports, 2016, 6, 31094.	3.3	8
10	Hydration Dynamics of a Peripheral Membrane Protein. Journal of the American Chemical Society, 2016, 138, 11526-11535.	13.7	57
11	Solid-State Nuclear Magnetic Resonance on the Static and Dynamic Domains of Huntingtin Exon-1 Fibrils. Biochemistry, 2015, 54, 3942-3949.	2.5	63
12	Polyglutamine- and Temperature-Dependent Conformational Rigidity in Mutant Huntingtin Revealed by Immunoassays and Circular Dichroism Spectroscopy. PLoS ONE, 2014, 9, e112262.	2.5	44
13	Structural Features and Domain Organization of Huntingtin Fibrils. Journal of Biological Chemistry, 2012, 287, 31739-31746.	3.4	85
14	Fibril Structure of Human Islet Amyloid Polypeptide. Journal of Biological Chemistry, 2012, 287, 5235-5241.	3.4	142
15	The S100A10 Subunit of the Annexin A2 Heterotetramer Facilitates L2-Mediated Human Papillomavirus Infection. PLoS ONE, 2012, 7, e43519.	2.5	134
16	Soluble and Mature Amyloid Fibrils in Drusen Deposits. , 2010, 51, 1304.		135
17	A Novel Calcium-Independent Peripheral Membrane-Bound Form of Annexin B12â€. Biochemistry, 2006, 45, 934-942.	2.5	19
18	The Conserved Core Domains of Annexins A1, A2, A5, and B12 Can Be Divided into Two Groups with Different Ca2+-Dependent Membrane-Binding Propertiesâ€. Biochemistry, 2005, 44, 2833-2844.	2.5	47

#	Article	IF	Citations
19	Structure and Dynamics of a Helical Hairpin that Mediates Calcium-dependent Membrane Binding of Annexin B12. Journal of Biological Chemistry, 2004, 279, 32492-32498.	3.4	19
20	Global Structural Changes in Annexin 12. Journal of Biological Chemistry, 2003, 278, 30227-30234.	3.4	19
21	Structure and Dynamics of a Helical Hairpin and Loop Region in Annexin 12:â€‰ A Site-Directed Spin Labeling Study. Biochemistry, 2002, 41, 1464-1473.	2.5	118
22	Determining the Membrane Topology of Proteins:â€‰ Insertion Pathway of a Transmembrane Helix of Annexin 12. Biochemistry, 2002, 41, 13617-13626.	2.5	44
23	Annexins V and XII Insert into Bilayers at Mildly Acidic pH and Form Ion Channelsâ€. Biochemistry, 2000, 39, 3015-3022.	2.5	83
24	Membrane-mediated Assembly of Annexins Studied by Site-directed Spin Labeling. Journal of Biological Chemistry, 1998, 273, 22453-22457.	3.4	85