

Lorena Saelices

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

512
citations

840585

11
h-index

1058333

14
g-index

19
all docs

19
docs citations

19
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncovering the Mechanism of Aggregation of Human Transthyretin. <i>Journal of Biological Chemistry</i> , 2015, 290, 28932-28943.	1.6	117
2	Amyloid seeding of transthyretin by ex vivo cardiac fibrils and its inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6741-E6750.	3.3	66
3	Common fibrillar spines of amyloid- β^2 and human islet amyloid polypeptide revealed by microelectron diffraction and structure-based inhibitors. <i>Journal of Biological Chemistry</i> , 2018, 293, 2888-2902.	1.6	50
4	Identification of the gene responsible for torulene cleavage in the <i>Neurospora</i> carotenoid pathway. <i>Molecular Genetics and Genomics</i> , 2007, 278, 527-537.	1.0	49
5	Cryo-EM structures of hIAPP fibrils seeded by patient-extracted fibrils reveal new polymorphs and conserved fibril cores. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 724-730.	3.6	48
6	A pair of peptides inhibits seeding of the hormone transporter transthyretin into amyloid fibrils. <i>Journal of Biological Chemistry</i> , 2019, 294, 6130-6141.	1.6	33
7	Posttranscriptional Regulation of Glutamine Synthetase in the Filamentous Cyanobacterium <i>Anabaena</i> sp. PCC 7120: Differential Expression between Vegetative Cells and Heterocysts. <i>Journal of Bacteriology</i> , 2010, 192, 4701-4711.	1.0	27
8	Crystal structures of amyloidogenic segments of human transthyretin. <i>Protein Science</i> , 2018, 27, 1295-1303.	3.1	20
9	Mutational analysis of the inactivating factors, IF7 and IF17 from <i>Synechocystis</i> sp. PCC 6803: critical role of arginine amino acid residues for glutamine synthetase inactivation. <i>Molecular Microbiology</i> , 2011, 82, 964-975.	1.2	18
10	The inhibition of cellular toxicity of amyloid- β^2 by dissociated transthyretin. <i>Journal of Biological Chemistry</i> , 2020, 295, 14015-14024.	1.6	15
11	Dissecting the Binding between Glutamine Synthetase and Its Two Natively Unfolded Protein Inhibitors. <i>Biochemistry</i> , 2016, 55, 3370-3382.	1.2	14
12	Assessment of the effects of transthyretin peptide inhibitors in <i>Drosophila</i> models of neuropathic ATTR. <i>Neurobiology of Disease</i> , 2018, 120, 118-125.	2.1	11
13	A core of three amino acids at the carboxyl-terminal region of glutamine synthetase defines its regulation in cyanobacteria. <i>Molecular Microbiology</i> , 2015, 96, 483-496.	1.2	10
14	The Inactivating Factor of Glutamine Synthetase IF17 Is an Intrinsically Disordered Protein, Which Folds upon Binding to Its Target. <i>Biochemistry</i> , 2011, 50, 9767-9778.	1.2	8