

Lydia M Young

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

885
citations

840119

11
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

1358
citing authors

#	ARTICLE	IF	CITATIONS
1	A peptide display protein scaffold to facilitate single molecule force studies of aggregation-prone peptides. <i>Protein Science</i> , 2018, 27, 1205-1217.	3.1	6
2	Aggregating sequences that occur in many proteins constitute weak spots of bacterial proteostasis. <i>Nature Communications</i> , 2018, 9, 866.	5.8	53
3	Understanding co-polymerization in amyloid formation by direct observation of mixed oligomers. <i>Chemical Science</i> , 2017, 8, 5030-5040.	3.7	37
4	Small molecule probes of protein aggregation. <i>Current Opinion in Chemical Biology</i> , 2017, 39, 90-99.	2.8	77
5	De novo design of a biologically active amyloid. <i>Science</i> , 2016, 354, .	6.0	63
6	An in vivo platform for identifying inhibitors of protein aggregation. <i>Nature Chemical Biology</i> , 2016, 12, 94-101.	3.9	75
7	ESI-IMS-MS: A method for rapid analysis of protein aggregation and its inhibition by small molecules. <i>Methods</i> , 2016, 95, 62-69.	1.9	50
8	Mutational Analysis of the Ability of Resveratrol To Inhibit Amyloid Formation by Islet Amyloid Polypeptide: Critical Evaluation of the Importance of Aromatic Inhibitor and Histidine Inhibitor Interactions. <i>Biochemistry</i> , 2015, 54, 666-676.	1.2	50
9	Insights into the consequences of co-polymerisation in the early stages of IAPP and A β peptide assembly from mass spectrometry. <i>Analyst</i> , 2015, 140, 6990-6999.	1.7	48
10	Screening and classifying small-molecule inhibitors of amyloid formation using ion mobility spectrometry-mass spectrometry. <i>Nature Chemistry</i> , 2015, 7, 73-81.	6.6	255
11	Ion Mobility Spectrometry-Mass Spectrometry Defines the Oligomeric Intermediates in Amylin Amyloid Formation and the Mode of Action of Inhibitors. <i>Journal of the American Chemical Society</i> , 2014, 136, 660-670.	6.6	158
12	Monitoring oligomer formation from self-aggregating amylin peptides using ESI-IMS-MS. <i>International Journal for Ion Mobility Spectrometry</i> , 2013, 16, 29-39.	1.4	13