Lydia M Young

List of Publications by Year
in descending order

12	885	840119 11	1199166 12
papers	citations	h-index	g-index

12	12	12	1358
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Screening and classifying small-molecule inhibitors of amyloid formation using ion mobility spectrometryâ€“mass spectrometry. Nature Chemistry, 2015, 7, 73-81.	6.6	255
2	Ion Mobility Spectrometryâ€“Mass Spectrometry Defines the Oligomeric Intermediates in Amylin Amyloid Formation and the Mode of Action of Inhibitors. Journal of the American Chemical Society, 2014, 136, 660-670.	6.6	158
3	Small molecule probes of protein aggregation. Current Opinion in Chemical Biology, 2017, 39, 90-99.	2.8	77
4	An in vivo platform for identifying inhibitors of protein aggregation. Nature Chemical Biology, 2016, 12, 94-101.	3.9	75
5	De novo design of a biologically active amyloid. Science, 2016, 354, .	6.0	63
6	Aggregating sequences that occur in many proteins constitute weak spots of bacterial proteostasis. Nature Communications, 2018, 9, 866.	5.8	53
7	Mutational Analysis of the Ability of Resveratrol To Inhibit Amyloid Formation by Islet Amyloid Polypeptide: Critical Evaluation of the Importance of Aromaticâ€“Inhibitor and Histidineâ€“Inhibitor Interactions. Biochemistry, 2015, 54, 666-676.	1.2	50
8	ESI-IMSâ€“MS: A method for rapid analysis of protein aggregation and its inhibition by small molecules. Methods, 2016, 95, 62-69.	1.9	50
9	Insights into the consequences of co-polymerisation in the early stages of IAPP and AÎ² peptide assembly from mass spectrometry. Analyst, The, 2015, 140, 6990-6999.	1.7	48
10	Understanding co-polymerization in amyloid formation by direct observation of mixed oligomers. Chemical Science, 2017, 8, 5030-5040.	3.7	37
11	Monitoring oligomer formation from self-aggregating amylin peptides using ESI-IMS-MS. International Journal for Ion Mobility Spectrometry, 2013, 16, 29-39.	1.4	13
12	A peptideâ€display protein scaffold to facilitate single molecule force studies of aggregationâ€prone peptides. Protein Science, 2018, 27, 1205-1217.	3.1	6