

Amberley D Stephens

List of Publications by Year in descending order

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840776

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#	ARTICLE	IF	CITATIONS
1	Label-Free Characterization of Amyloids and Alpha-Synuclein Polymorphs by Exploiting Their Intrinsic Fluorescence Property. <i>Analytical Chemistry</i> , 2022, 94, 5367-5374.	6.5	11
2	Intracellular A β 242 Aggregation Leads to Cellular Thermogenesis. <i>Journal of the American Chemical Society</i> , 2022, 144, 10034-10041.	13.7	16
3	Short hydrogen bonds enhance nonaromatic protein-related fluorescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	24
4	Fast Purification of Recombinant Monomeric Amyloid- β 2 from <i>E. coli</i> and Amyloid- β 2-mCherry Aggregates from Mammalian Cells. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3204-3213.	3.5	4
5	Purification of Recombinant β -synuclein: A Comparison of Commonly Used Protocols. <i>Biochemistry</i> , 2020, 59, 4563-4572.	2.5	11
6	Intramitochondrial proteostasis is directly coupled to β -synuclein and amyloid β 21-42 pathologies. <i>Journal of Biological Chemistry</i> , 2020, 295, 10138-10152.	3.4	22
7	Extent of N-terminus exposure of monomeric alpha-synuclein determines its aggregation propensity. <i>Nature Communications</i> , 2020, 11, 2820.	12.8	99
8	The role of water in amyloid aggregation kinetics. <i>Current Opinion in Structural Biology</i> , 2019, 58, 115-123.	5.7	27
9	Observation of high-temperature macromolecular confinement in lyophilised protein formulations using terahertz spectroscopy. <i>International Journal of Pharmaceutics: X</i> , 2019, 1, 100022.	1.6	11
10	Low energy optical excitations as an indicator of structural changes initiated at the termini of amyloid proteins. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 23931-23942.	2.8	17
11	The Cellular Environment Affects Monomeric β -Synuclein Structure. <i>Trends in Biochemical Sciences</i> , 2019, 44, 453-466.	7.5	58
12	Intrinsically aggregation-prone proteins form amyloid-like aggregates and contribute to tissue aging in <i>Caenorhabditis elegans</i> . <i>eLife</i> , 2019, 8, .	6.0	51
13	Isolation and Imaging of His- and RFP-tagged Amyloid-like Proteins from <i>Caenorhabditis elegans</i> by TEM and SIM. <i>Bio-protocol</i> , 2019, 9, e3408.	0.4	0
14	C-terminal calcium binding of β -synuclein modulates synaptic vesicle interaction. <i>Nature Communications</i> , 2018, 9, 712.	12.8	223
15	Phylogeographic diversity and mosaicism of the <i>Helicobacter pylori</i> tfs integrative and conjugative elements. <i>Mobile DNA</i> , 2018, 9, 5.	3.6	19
16	Different Structural Conformers of Monomeric β -Synuclein Identified after Lyophilizing and Freezing. <i>Analytical Chemistry</i> , 2018, 90, 6975-6983.	6.5	27
17	Structural basis of synaptic vesicle assembly promoted by β -synuclein. <i>Nature Communications</i> , 2016, 7, 12563.	12.8	203