

Amberley D Stephens

List of Publications by Year in descending order

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1406
citing authors

#	ARTICLE	IF	CITATIONS
1	C-terminal calcium binding of $\hat{\alpha}$ -synuclein modulates synaptic vesicle interaction. Nature Communications, 2018, 9, 712.	12.8	223
2	Structural basis of synaptic vesicle assembly promoted by $\hat{\alpha}$ -synuclein. Nature Communications, 2016, 7, 12563.	12.8	203
3	Extent of N-terminus exposure of monomeric alpha-synuclein determines its aggregation propensity. Nature Communications, 2020, 11, 2820.	12.8	99
4	The Cellular Environment Affects Monomeric $\hat{\alpha}$ -Synuclein Structure. Trends in Biochemical Sciences, 2019, 44, 453-466.	7.5	58
5	Intrinsically aggregation-prone proteins form amyloid-like aggregates and contribute to tissue aging in <i>Caenorhabditis elegans</i> . ELife, 2019, 8, .	6.0	51
6	Different Structural Conformers of Monomeric $\hat{\alpha}$ -Synuclein Identified after Lyophilizing and Freezing. Analytical Chemistry, 2018, 90, 6975-6983.	6.5	27
7	The role of water in amyloid aggregation kinetics. Current Opinion in Structural Biology, 2019, 58, 115-123.	5.7	27
8	Short hydrogen bonds enhance nonaromatic protein-related fluorescence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
9	Intramitochondrial proteostasis is directly coupled to $\hat{\alpha}$ -synuclein and amyloid $\hat{\alpha}$ 1-42 pathologies. Journal of Biological Chemistry, 2020, 295, 10138-10152.	3.4	22
10	Phylogeographic diversity and mosaicism of the <i>Helicobacter pylori</i> tfs integrative and conjugative elements. Mobile DNA, 2018, 9, 5.	3.6	19
11	Low energy optical excitations as an indicator of structural changes initiated at the termini of amyloid proteins. Physical Chemistry Chemical Physics, 2019, 21, 23931-23942.	2.8	17
12	Intracellular $\hat{\alpha}$ 1242 Aggregation Leads to Cellular Thermogenesis. Journal of the American Chemical Society, 2022, 144, 10034-10041.	13.7	16
13	Observation of high-temperature macromolecular confinement in lyophilised protein formulations using terahertz spectroscopy. International Journal of Pharmaceutics: X, 2019, 1, 100022.	1.6	11
14	Purification of Recombinant $\hat{\alpha}$ -synuclein: A Comparison of Commonly Used Protocols. Biochemistry, 2020, 59, 4563-4572.	2.5	11
15	Label-Free Characterization of Amyloids and Alpha-Synuclein Polymorphs by Exploiting Their Intrinsic Fluorescence Property. Analytical Chemistry, 2022, 94, 5367-5374.	6.5	11
16	Fast Purification of Recombinant Monomeric Amyloid- $\hat{\alpha}$ 2 from <i>E. coli</i> and Amyloid- $\hat{\alpha}$ 2-mCherry Aggregates from Mammalian Cells. ACS Chemical Neuroscience, 2020, 11, 3204-3213.	3.5	4
17	Isolation and Imaging of His- and RFP-tagged Amyloid-like Proteins from <i>Caenorhabditis elegans</i> by TEM and SIM. Bio-protocol, 2019, 9, e3408.	0.4	0