Cody L Hoop

List of Publications by Year
in descending order

22	936	567281 15	677142 22
papers	citations	h-index	g-index

24	24	24	1238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular dynamics analysis of a flexible loop at the binding interface of the <scp>SARSâ€CoV</scp>â€2 spike protein <scp>receptorâ€binding</scp> domain. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1044-1053.	2.6	30
2	CD36â€Binding Amphiphilic Nanoparticles for Attenuation of Î±â€Synucleinâ€Induced Microglial Activation. Advanced NanoBiomed Research, 2022, 2, .	3.6	2
3	NMR unveils an N-terminal interaction interface on acetylated-Î±-synuclein monomers for recruitment to fibrils. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
4	DJ-1 Acts as a Scavenger of Î±-Synuclein Oligomers and Restores Monomeric Glycated Î±-Synuclein. Biomolecules, 2021, 11, 1466.	4.0	8
5	Collagen I Weakly Interacts with the Î²-Sheets of Î²₂-Microglobulin and Enhances Conformational Exchange To Induce Amyloid Formation. Journal of the American Chemical Society, 2020, 142, 1321-1331.	13.7	15
6	PET-RAFT and SAXS: High Throughput Tools To Study Compactness and Flexibility of Single-Chain Polymer Nanoparticles. Macromolecules, 2019, 52, 8295-8304.	4.8	43
7	Molecular underpinnings of integrin binding to collagen-mimetic peptides containing vascular Ehlersâ€“Danlos syndromeâ€“associated substitutions. Journal of Biological Chemistry, 2019, 294, 14442-14453.	3.4	1
8	Extracellular matrix components modulate different stages in Î²2-microglobulin amyloid formation. Journal of Biological Chemistry, 2019, 294, 9392-9401.	3.4	19
9	Cryptic binding sites become accessible through surface reconstruction of the type I collagen fibril. Scientific Reports, 2018, 8, 16646.	3.3	23
10	Structural Insights into the Glycine Pair Motifs in Type III Collagen. ACS Biomaterials Science and Engineering, 2017, 3, 269-278.	5.2	3
11	Backbone Engineering within a Latent Î²-Hairpin Structure to Design Inhibitors of Polyglutamine Amyloid Formation. Journal of Molecular Biology, 2017, 429, 308-323.	4.2	21
12	Revealing Accessibility of Cryptic Protein Binding Sites within the Functional Collagen Fibril. Biomolecules, 2017, 7, 76.	4.0	21
13	Huntingtin exon 1 fibrils feature an interdigitated Î²-hairpinâ€“based polyglutamine core. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1546-1551.	7.1	143
14	Structural Changes and Proapoptotic Peroxidase Activity of Cardiolipin-Bound Mitochondrial Cytochrome c. Biophysical Journal, 2015, 109, 1873-1884.	0.5	75
15	Polyglutamine Amyloid Core Boundaries and Flanking Domain Dynamics in Huntingtin Fragment Fibrils Determined by Solid-State Nuclear Magnetic Resonance. Biochemistry, 2014, 53, 6653-6666.	2.5	74
16	13C chemical-shift anisotropy of alkyl-substituted aromatic carbon in anthracene derivatives. Solid State Nuclear Magnetic Resonance, 2013, 53, 1-12.	2.3	2
17	Î²-Hairpin-Mediated Nucleation of Polyglutamine Amyloid Formation. Journal of Molecular Biology, 2013, 425, 1183-1197.	4.2	91
18	Structural Characterization of the Caveolin Scaffolding Domain in Association with Cholesterol-Rich Membranes. Biochemistry, 2012, 51, 90-99.	2.5	72

#	Article	IF	Citations
19	Serine Phosphorylation Suppresses Huntingtin Amyloid Accumulation by Altering Protein Aggregation Properties. Journal of Molecular Biology, 2012, 424, 1-14.	4.2	76
20	The Aggregation-Enhancing Huntingtin N-Terminus Is Helical in Amyloid Fibrils. Journal of the American Chemical Society, 2011, 133, 4558-4566.	13.7	158
21	Amyloid-like Fibrils from a Domain-swapping Protein Feature a Parallel, in-Register Conformation without Native-like Interactions. Journal of Biological Chemistry, 2011, 286, 28988-28995.	3.4	26
22	Redetermination of 1,4-dimethoxybenzene. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o251-o251.	0.2	3