

Sudeshna Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

412
citations

687363

13
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibrillation in Human Serum Albumin Is Enhanced in the Presence of Copper(II). <i>Journal of Physical Chemistry B</i> , 2010, 114, 10228-10233.	2.6	59
2	(α^*)-Epicatechin gallate prevents alkali-salt mediated fibrillogenesis of hen egg white lysozyme. <i>International Journal of Biological Macromolecules</i> , 2013, 54, 90-98.	7.5	53
3	Prolonged Glycation of Hen Egg White Lysozyme Generates Non Amyloidal Structures. <i>PLoS ONE</i> , 2013, 8, e74336.	2.5	50
4	Fructose restrains fibrillogenesis in human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2013, 61, 424-432.	7.5	40
5	Effect of surfactants on preformed fibrils of human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2013, 59, 39-45.	7.5	34
6	Fibrillation of hen egg white lysozyme triggers reduction of copper(II). <i>International Journal of Biological Macromolecules</i> , 2012, 51, 1-6.	7.5	29
7	Copper(II) directs formation of toxic amorphous aggregates resulting in inhibition of hen egg white lysozyme fibrillation under alkaline salt-mediated conditions. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 991-1007.	3.5	23
8	Fibrillation of human serum albumin shows nonspecific coordination on stoichiometric increment of Copper(II). <i>Journal of Biomolecular Structure and Dynamics</i> , 2014, 32, 1366-1378.	3.5	21
9	Crowded milieu prevents fibrillation of hen egg white lysozyme with retention of enzymatic activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 138, 8-16.	3.8	19
10	Evidence of two oxidation states of copper during aggregation of hen egg white lysozyme (HEWL). <i>International Journal of Biological Macromolecules</i> , 2015, 76, 1-9.	7.5	18
11	Disruption of human serum albumin fibrils by a static electric field. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 305401.	2.8	17
12	Binding of hen egg white lysozyme fibrils with nucleic acids. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 127, 52-60.	3.8	15
13	Effect of Temperature and Solvent on Fibrillation of Human Serum Albumin. <i>Protein and Peptide Letters</i> , 2015, 22, 112-118.	0.9	15
14	Structural differences between native Hen egg white lysozyme and its fibrils under different environmental conditions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 368-376.	3.9	8
15	Carvedilol inhibits $\text{A}\beta^{25-35}$ fibrillation by intervening the early stage helical intermediate formation: A biophysical investigation. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 263-271.	7.5	5
16	Distribution of Protein Ramachandran Psi (ψ) Angle Using Non-Resonance Visible Raman Scattering Measurements. <i>Journal of Physical Chemistry B</i> , 2013, 117, 13993-14000.	2.6	4
17	Biophysical and structural characterization of the small heat shock protein HspA from <i>Thermosynechococcus vulcanus</i> in 2 M urea. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 442-452.	2.3	2
18	An insight into the ribonucleolytic and antiangiogenic activity of buffalo lactoferrin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 184-195.	3.5	0

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19	DNA melting properties of the dityrosine cross-linked dimer of Ribonuclease A. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 535-543.	3.8	0