

Kanchan Garai

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,310
citations

623734

14
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

2234
citing authors

#	ARTICLE	IF	CITATIONS
1	Hsp70 Inhibits Aggregation of IAPP by Binding to the Heterogeneous Prenucleation Oligomers. <i>Biophysical Journal</i> , 2021, 120, 476-488.	0.5	9
2	Apolipoprotein E4 exhibits intermediates with domain interaction. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140535.	2.3	6
3	High-affinity multivalent interactions between apolipoprotein E and the oligomers of amyloid- β . <i>FEBS Journal</i> , 2019, 286, 4737-4753.	4.7	25
4	Quantitative Characterization of Metastability and Heterogeneity of Amyloid Aggregates. <i>Biophysical Journal</i> , 2018, 114, 800-811.	0.5	9
5	Building, Characterization, and Applications of Cuvette-FCS in Denaturant-Induced Expansion of Globular and Disordered Proteins. <i>Methods in Enzymology</i> , 2018, 611, 383-421.	1.0	1
6	A Fluorescence Correlation Spectrometer for Measurements in Cuvettes. <i>Biophysical Journal</i> , 2018, 115, 455-466.	0.5	9
7	The Binding of Apolipoprotein E to Oligomers and Fibrils of Amyloid- β Alters the Kinetics of Amyloid Aggregation. <i>Biochemistry</i> , 2014, 53, 6323-6331.	2.5	96
8	Unmasking the roles of N- and C-terminal flanking sequences from exon 1 of huntingtin as modulators of polyglutamine aggregation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20075-20080.	7.1	190
9	Quantitative analysis of the time course of A β oligomerization and subsequent growth steps using tetramethylrhodamine-labeled A β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3321-3326.	7.1	126
10	ApoE influences amyloid- β (A β) clearance despite minimal apoE/A β association in physiological conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1807-16.	7.1	428
11	Structural differences between apoE3 and apoE4 may be useful in developing therapeutic agents for Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8913-8918.	7.1	90
12	Self-Association and Stability of the ApoE Isoforms at Low pH: Implications for ApoE-Lipid Interactions. <i>Biochemistry</i> , 2011, 50, 6356-6364.	2.5	23
13	Dissociation of Apolipoprotein E Oligomers to Monomer Is Required for High-Affinity Binding to Phospholipid Vesicles. <i>Biochemistry</i> , 2011, 50, 2550-2558.	2.5	50
14	Hydrogen/Deuterium Exchange and Electron-Transfer Dissociation Mass Spectrometry Determine the Interface and Dynamics of Apolipoprotein E Oligomerization. <i>Biochemistry</i> , 2011, 50, 9273-9282.	2.5	80
15	Structural differences between apolipoprotein E3 and E4 as measured by ^{19}F NMR. <i>Protein Science</i> , 2010, 19, 66-74.	7.6	17
16	The Association-Dissociation Behavior of the ApoE Proteins: Kinetic and Equilibrium Studies. <i>Biochemistry</i> , 2010, 49, 9533-9541.	2.5	58
17	Expression and purification of amyloid- β peptides from <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2009, 66, 107-112.	1.3	32
18	Detecting Amyloid- β Aggregation with Fiber-Based Fluorescence Correlation Spectroscopy. <i>Biophysical Journal</i> , 2007, 92, L55-L57.	0.5	41

#	ARTICLE	IF	CITATIONS
19	Fiber-optic fluorescence correlation spectrometer. Applied Optics, 2006, 45, 7538.	2.1	20