Zhengjian Lv

List of Publications by Year
in descending order

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18	597	687363 13	888059 17
papers	citations	h-index	g-index

21	21	21	958
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two C-terminal sequence variations determine differential neurotoxicity between human and mouse Î±-synuclein. Molecular Neurodegeneration, 2020, 15, 49.	10.8	6
2	Assembly of Î±-synuclein aggregates on phospholipid bilayers. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 802-812.	2.3	34
3	Spontaneous self-assembly of amyloid Î² (1â€“40) into dimers. Nanoscale Advances, 2019, 1, 3892-3899.	4.6	11
4	High-speed atomic force microscopy reveals structural dynamics of Î±-synuclein monomers and dimers. Journal of Chemical Physics, 2018, 148, 123322.	3.0	57
5	Supported Lipid Bilayers for Atomic Force Microscopy Studies. Methods in Molecular Biology, 2018, 1814, 129-143.	0.9	35
6	A novel pathway for amyloids self-assembly in aggregates at nanomolar concentration mediated by the interaction with surfaces. Scientific Reports, 2017, 7, 45592.	3.3	44
7	Effect of acidic pH on the stability of Î±â€synuclein dimers. Biopolymers, 2016, 105, 715-724.	2.4	28
8	Self-assembly of the full-length amyloid AÎ²42 protein in dimers. Nanoscale, 2016, 8, 18928-18937.	5.6	47
9	Nonnative SOD1 trimer is toxic to motor neurons in a model of amyotrophic lateral sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 614-619.	7.1	97
10	Direct Detection of Î±-Synuclein Dimerization Dynamics: Single-Molecule Fluorescence Analysis. Biophysical Journal, 2015, 108, 2038-2047.	0.5	50
11	Nanoprobing of the Effect of Cu2+ Cations on Misfolding, Interaction and Aggregation of Amyloid Î² Peptide. Journal of NeuroImmune Pharmacology, 2013, 8, 262-273.	4.1	40
12	Mechanism of amyloid Î²â^'protein dimerization determined using singleâ^'molecule AFM force spectroscopy. Scientific Reports, 2013, 3, 2880.	3.3	66
13	Exploring the Energy Profile of Human IgG/Rat Anti-human IgG Interactions by Dynamic Force Spectroscopy. Protein Journal, 2012, 31, 425-431.	1.6	6
14	Imaging and determining friction forces of specific interactions between human IgG and rat anti-human IgG. Journal of Biological Physics, 2011, 37, 417-427.	1.5	4
15	Probing Specific Interaction Forces Between Human IgG and Rat Anti-Human IgG by Self-Assembled Monolayer and Atomic Force Microscopy. Nanoscale Research Letters, 2010, 5, 1032-1038.	5.7	18
16	Imaging recognition events between human IgG and rat anti-human IgG by atomic force microscopy. International Journal of Biological Macromolecules, 2010, 47, 661-667.	7.5	31
17	Preparation and Characterization of Covalently Binding of Rat Anti-human IgG Monolayer on Thiol-Modified Gold Surface. Nanoscale Research Letters, 2009, 4, 1403-8.	5.7	16
18	The Wettability and Topography of Self-Assembled Protein Monolayer Linked by Alkanethiols. , 2009, , .		2