

Giorgio Favrin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,908
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

3246
citing authors

#	ARTICLE	IF	CITATIONS
1	Spinal motor neuron protein supersaturation patterns are associated with inclusion body formation in ALS. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3935-E3943.	7.1	91
2	Cholinergic neuron gene expression differences captured by translational profiling in a mouse model of Alzheimer's disease. Neurobiology of Aging, 2017, 57, 104-119.	3.1	24
3	ALS/FTD Mutation-Induced Phase Transition of FUS Liquid Droplets and Reversible Hydrogels into Irreversible Hydrogels Impairs RNP Granule Function. Neuron, 2015, 88, 678-690.	8.1	716
4	The TRiC/CCT Chaperone Is Implicated in Alzheimer's Disease Based on Patient GWAS and an RNAi Screen in A β -Expressing Caenorhabditis elegans. PLoS ONE, 2014, 9, e102985.	2.5	34
5	esyN: Network Building, Sharing and Publishing. PLoS ONE, 2014, 9, e106035.	2.5	59
6	Expression in Drosophila of Tandem Amyloid β Peptides Provides Insights into Links between Aggregation and Neurotoxicity. Journal of Biological Chemistry, 2012, 287, 20748-20754.	3.4	40
7	Protein folding, aggregation and unfolding in Monte Carlo simulations. Physics Procedia, 2010, 7, 68-71.	1.2	1
8	Intrinsic Determinants of Neurotoxic Aggregate Formation by the Amyloid β Peptide. Biophysical Journal, 2010, 98, 1677-1684.	0.5	45
9	ANS Binding Reveals Common Features of Cytotoxic Amyloid Species. ACS Chemical Biology, 2010, 5, 735-740.	3.4	335
10	A Monte Carlo approach for assessing the specificity of protein oligomers observed in nano-electrospray mass spectra. International Journal of Mass Spectrometry, 2009, 283, 169-177.	1.5	28
11	Finite Size Effects in Simulations of Protein Aggregation. PLoS ONE, 2008, 3, e2641.	2.5	7
12	Calculation of the free energy barriers in the oligomerisation of Ab. Frontiers in Bioscience - Landmark, 2008, Volume, 5614.	3.0	12
13	Structural Reorganisation and Potential Toxicity of Oligomeric Species Formed during the Assembly of Amyloid Fibrils. PLoS Computational Biology, 2007, 3, e173.	3.2	194
14	Oligomerization of Amyloid A β 1-22 Peptides Using Hydrogen Bonds and Hydrophobicity Forces. Biophysical Journal, 2004, 87, 3657-3664.	0.5	130
15	Sequence-based study of two related proteins with different folding behaviors. Proteins: Structure, Function and Bioinformatics, 2003, 54, 8-12.	2.6	3
16	Two-State Folding over a Weak Free-Energy Barrier. Biophysical Journal, 2003, 85, 1457-1465.	0.5	13
17	Folding of a small helical protein using hydrogen bonds and hydrophobicity forces. Proteins: Structure, Function and Bioinformatics, 2002, 47, 99-105.	2.6	73
18	Monte Carlo update for chain molecules: Biased Gaussian steps in torsional space. Journal of Chemical Physics, 2001, 114, 8154-8158.	3.0	102