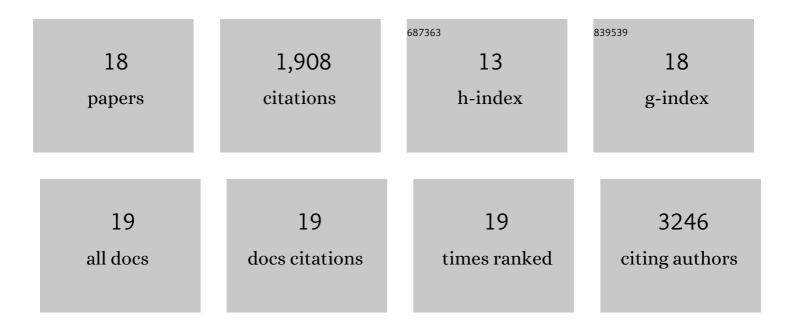
## **Giorgio Favrin**

List of Publications by Year in descending order

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#	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 Aβ-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 $\hat{I}^2$ 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 Aβ16–22 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