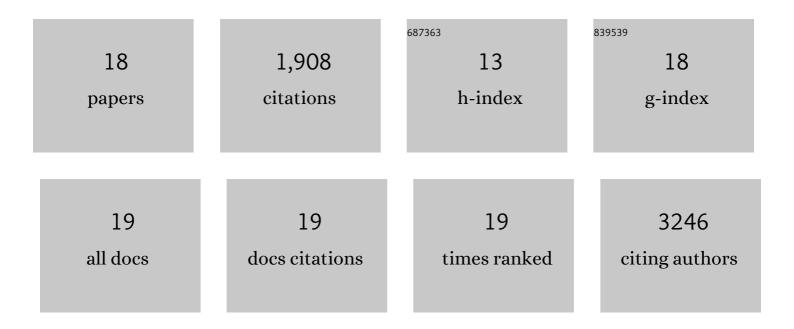
Giorgio Favrin

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 |