Vanessa K Morris

List of Publications by Year
in descending order

18 papers	716 citations	567281 15 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	936 citing authors

#	Article	IF	Citations
1	Self-assembly of functional, amphipathic amyloid monolayers by the fungal hydrophobin EAS. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E804-11.	7.1	113
2	The Cys3â€"Cys4 Loop of the Hydrophobin EAS Is Not Required for Rodlet Formation and Surface Activity. Journal of Molecular Biology, 2008, 382, 708-720.	4.2	67
3	Recruitment of Class I Hydrophobins to the Air:Water Interface Initiates a Multi-step Process of Functional Amyloid Formation. Journal of Biological Chemistry, 2011, 286, 15955-15963.	3.4	61
4	Solid-State NMR Structure Determination from Diagonal-Compensated, Sparsely Nonuniform-Sampled 4D Protonâ€"Proton Restraints. Journal of the American Chemical Society, 2014, 136, 11002-11010.	13.7	61
5	The neuronal S100B protein is a calcium-tuned suppressor of amyloid-Î² aggregation. Science Advances, 2018, 4, eaaq1702.	10.3	49
6	Analysis of the Structure and Conformational States of DewA Gives Insight into the Assembly of the Fungal Hydrophobins. Journal of Molecular Biology, 2013, 425, 244-256.	4.2	47
7	Fungal Hydrophobin Proteins Produce Self-Assembling Protein Films with Diverse Structure and Chemical Stability. Nanomaterials, 2014, 4, 827-843.	4.1	47
8	Probing transient non-native states in amyloid beta fiber elongation by NMR. Chemical Communications, 2019, 55, 4483-4486.	4.1	46
9	Fermentation of plantâ€based dairy alternatives by lactic acid bacteria. Microbial Biotechnology, 2022, 15, 1404-1421.	4.2	43
10	Solidâ€State NMR Spectroscopy of Functional Amyloid from a Fungal Hydrophobin: A Wellâ€Ordered Î²â€Sheet Core Amidst Structural Heterogeneity. Angewandte Chemie - International Edition, 2012, 51, 12621-12625.	13.8	35
11	Surface functionalization of carbon nanomaterials by selfâ€assembling hydrophobin proteins. Biopolymers, 2013, 99, 84-94.	2.4	35
12	MAK33 antibody light chain amyloid fibrils are similar to oligomeric precursors. PLoS ONE, 2017, 12, e0181799.	2.5	29
13	Physiologically Important Electrolytes as Regulators of TDP-43 Aggregation and Droplet-Phase Behavior. Biochemistry, 2019, 58, 590-607.	2.5	24
14	Epigallocatechin-3-gallate preferentially induces aggregation of amyloidogenic immunoglobulin light chains. Scientific Reports, 2017, 7, 41515.	3.3	23
15	Cysteine oxidation triggers amyloid fibril formation of the tumor suppressor p16INK4A. Redox Biology, 2020, 28, 101316.	9.0	17
16	Formation of Amphipathic Amyloid Monolayers from Fungal Hydrophobin Proteins. Methods in Molecular Biology, 2013, 996, 119-129.	0.9	9
17	Backbone and sidechain 1H, 13C and 15N chemical shift assignments of the hydrophobin DewA from Aspergillus nidulans. Biomolecular NMR Assignments, 2012, 6, 83-86.	0.8	5
18	Formation of Amphipathic Amyloid Monolayers from Fungal Hydrophobin Proteins. Methods in Molecular Biology, 2020, 2073, 55-72.	0.9	4