Maria Andreasen

List of Publications by Year
in descending order

24 papers	955 citations	567281 15 h-index	642732 23 g-index
28 all docs	28 docs citations	28 times ranked	1565 citing authors

#	Article	IF	Citations
1	Functional amyloids from bacterial biofilms â€“ structural properties and interaction partners. Chemical Science, 2022, 13, 6457-6477.	7.4	28
2	Modulating Kinetics of the Amyloid-Like Aggregation of S. aureus Phenol-Soluble Modulins by Changes in pH. Microorganisms, 2021, 9, 117.	3.6	9
3	Heparin promotes fibrillation of most phenol-soluble modulin virulence peptides from Staphylococcus aureus. Journal of Biological Chemistry, 2021, 297, 100953.	3.4	9
4	Cross-talk between individual phenol-soluble modulins in Staphylococcus aureus biofilm enables rapid and efficient amyloid formation. ELife, 2020, 9, .	6.0	34
5	Fabrication and Characterization of Reconstituted Silk Microgels for the Storage and Release of Small Molecules. Macromolecular Rapid Communications, 2019, 40, e1800898.	3.9	29
6	Hyperosmotic stress induces cell-dependent aggregation of Î±-synuclein. Scientific Reports, 2019, 9, 2288.	3.3	10
7	Imperfect repeats in the functional amyloid protein FapC reduce the tendency to fragment during fibrillation. Protein Science, 2019, 28, 633-642.	7.6	36
8	Physical Determinants of Amyloid Assembly in Biofilm Formation. MBio, 2019, 10, .	4.1	66
9	Corneal Dystrophy Mutations Drive Pathogenesis by Targeting TGFBIp Stability and Solubility in a Latent Amyloid-forming Domain. Journal of Molecular Biology, 2018, 430, 1116-1140.	4.2	17
10	Absolute Quantification of Amyloid Propagons by Digital Microfluidics. Analytical Chemistry, 2017, 89, 12306-12313.	6.5	21
11	Electrostatically-guided inhibition of Curli amyloid nucleation by the CsgC-like family of chaperones. Scientific Reports, 2016, 6, 24656.	3.3	51
12	Near-complete 1H, 13C, 15N resonance assignments of dimethylsulfoxide-denatured TGFBIp FAS1-4 A546T. Biomolecular NMR Assignments, 2016, 10, 25-29.	0.8	2
13	Interactions between misfolded protein oligomers and membranes: A central topic in neurodegenerative diseases?. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 1897-1907.	2.6	91
14	Preventing peptide and protein misbehavior. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5267-5268.	7.1	7
15	Scaffolded multimers of hIAPP20â€“29 peptide fragments fibrillate faster and lead to different fibrils compared to the free hIAPP20â€“29 peptide fragment. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1890-1897.	2.3	11
16	The Molecular Basis For TGFBIp-Related Corneal Dystrophies. , 2014, , 179-188.		2
17	The Importance of Being Capped: Terminal Capping of an Amyloidogenic Peptide Affects Fibrillation Propensity and Fibril Morphology. Biochemistry, 2014, 53, 6968-6980.	2.5	33
18	The Role of Stable Î±-Synuclein Oligomers in the Molecular Events Underlying Amyloid Formation. Journal of the American Chemical Society, 2014, 136, 3859-3868.	13.7	218

#	Article	IF	Citations
19	High Stability and Cooperative Unfolding of Î±-Synuclein Oligomers. Biochemistry, 2014, 53, 6252-6263.	2.5	67
20	Coexistence of ribbon and helical fibrils originating from hIAPP _{20â€“29} revealed by quantitative nanomechanical atomic force microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2798-2803.	7.1	104
21	Polymorphic Fibrillation of the Destabilized Fourth Fasciclin-1 Domain Mutant A546T of the Transforming Growth Factor-Î²-induced Protein (TGFBIp) Occurs through Multiple Pathways with Different Oligomeric Intermediates. Journal of Biological Chemistry, 2012, 287, 34730-34742.	3.4	21
22	Modulation of fibrillation of hIAPP core fragments by chemical modification of the peptide backbone. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 274-285.	2.3	14
23	AÎ²1-16 Can Aggregate and Induce the Production of Reactive Oxygen Species, Nitric Oxide, and Inflammatory Cytokines. Journal of Alzheimer's Disease, 2011, 27, 401-413.	2.6	17
24	Human Phenotypically Distinct TGFBI Corneal Dystrophies Are Linked to the Stability of the Fourth FAS1 Domain of TGFBIp. Journal of Biological Chemistry, 2011, 286, 4951-4958.	3.4	55