

Maria Andreassen

List of Publications by Year in descending order

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Version: 2024-02-01

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 | The Role of Stable β -Synuclein Oligomers in the Molecular Events Underlying Amyloid Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 3859-3868. | 13.7 | 218 |
| 2 | Coexistence of ribbon and helical fibrils originating from hIAPP β 29 revealed by quantitative nanomechanical atomic force microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2798-2803. | 7.1 | 104 |
| 3 | Interactions between misfolded protein oligomers and membranes: A central topic in neurodegenerative diseases?. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1897-1907. | 2.6 | 91 |
| 4 | High Stability and Cooperative Unfolding of β -Synuclein Oligomers. <i>Biochemistry</i> , 2014, 53, 6252-6263. | 2.5 | 67 |
| 5 | Physical Determinants of Amyloid Assembly in Biofilm Formation. <i>MBio</i> , 2019, 10, . | 4.1 | 66 |
| 6 | Human Phenotypically Distinct TGFBI Corneal Dystrophies Are Linked to the Stability of the Fourth FAS1 Domain of TGFBIp. <i>Journal of Biological Chemistry</i> , 2011, 286, 4951-4958. | 3.4 | 55 |
| 7 | Electrostatically-guided inhibition of Curli amyloid nucleation by the CsgC-like family of chaperones. <i>Scientific Reports</i> , 2016, 6, 24656. | 3.3 | 51 |
| 8 | Imperfect repeats in the functional amyloid protein FapC reduce the tendency to fragment during fibrillation. <i>Protein Science</i> , 2019, 28, 633-642. | 7.6 | 36 |
| 9 | Cross-talk between individual phenol-soluble modulins in <i>Staphylococcus aureus</i> biofilm enables rapid and efficient amyloid formation. <i>ELife</i> , 2020, 9, . | 6.0 | 34 |
| 10 | The Importance of Being Capped: Terminal Capping of an Amyloidogenic Peptide Affects Fibrillation Propensity and Fibril Morphology. <i>Biochemistry</i> , 2014, 53, 6968-6980. | 2.5 | 33 |
| 11 | Fabrication and Characterization of Reconstituted Silk Microgels for the Storage and Release of Small Molecules. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800898. | 3.9 | 29 |
| 12 | Functional amyloids from bacterial biofilms – structural properties and interaction partners. <i>Chemical Science</i> , 2022, 13, 6457-6477. | 7.4 | 28 |
| 13 | Polymorphic Fibrillation of the Destabilized Fourth Fasciclin-1 Domain Mutant A546T of the Transforming Growth Factor- β 2-induced Protein (TGFBIp) Occurs through Multiple Pathways with Different Oligomeric Intermediates. <i>Journal of Biological Chemistry</i> , 2012, 287, 34730-34742. | 3.4 | 21 |
| 14 | Absolute Quantification of Amyloid Propagons by Digital Microfluidics. <i>Analytical Chemistry</i> , 2017, 89, 12306-12313. | 6.5 | 21 |
| 15 | A β 1-16 Can Aggregate and Induce the Production of Reactive Oxygen Species, Nitric Oxide, and Inflammatory Cytokines. <i>Journal of Alzheimer's Disease</i> , 2011, 27, 401-413. | 2.6 | 17 |
| 16 | Corneal Dystrophy Mutations Drive Pathogenesis by Targeting TGFBIp Stability and Solubility in a Latent Amyloid-forming Domain. <i>Journal of Molecular Biology</i> , 2018, 430, 1116-1140. | 4.2 | 17 |
| 17 | Modulation of fibrillation of hIAPP core fragments by chemical modification of the peptide backbone. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 274-285. | 2.3 | 14 |
| 18 | Scaffolded multimers of hIAPP β 29 peptide fragments fibrillate faster and lead to different fibrils compared to the free hIAPP β 29 peptide fragment. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 1890-1897. | 2.3 | 11 |

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|----|---|-----|-----------|
| 19 | Hyperosmotic stress induces cell-dependent aggregation of α -synuclein. <i>Scientific Reports</i> , 2019, 9, 2288. | 3.3 | 10 |
| 20 | Modulating Kinetics of the Amyloid-Like Aggregation of <i>S. aureus</i> Phenol-Soluble Modulins by Changes in pH. <i>Microorganisms</i> , 2021, 9, 117. | 3.6 | 9 |
| 21 | Heparin promotes fibrillation of most phenol-soluble modulin virulence peptides from <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2021, 297, 100953. | 3.4 | 9 |
| 22 | Preventing peptide and protein misbehavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5267-5268. | 7.1 | 7 |
| 23 | The Molecular Basis For TGF β 1p-Related Corneal Dystrophies. , 2014, , 179-188. | | 2 |
| 24 | Near-complete ^1H , ^{13}C , ^{15}N resonance assignments of dimethylsulfoxide-denatured TGF β 1p FAS1-4 A546T. <i>Biomolecular NMR Assignments</i> , 2016, 10, 25-29. | 0.8 | 2 |