# Anna I Sulatskaya

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2973036/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 47 papers | 1,255 citations | 516710 16 h-index | 361022 35 g-index |
| 48 all docs | 48 docs citations | 48 times ranked | 1557 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | ÂÂOmpF porins of Enterobacteriaceae possess amyloidogenic properties. FASEB Journal, 2022, 36, . | 0.5 | 0 |
| 2 | New Evidence on a Distinction between Aî²40 and Aî²42 Amyloids: Thioflavin T Binding Modes, Clustering Tendency, Degradation Resistance, and Cross-Seeding. International Journal of Molecular Sciences, 2022, 23, 5513. | 4.1 | 7 |
| 3 | Structural Polymorphism of Lysozyme Amyloid Fibrils. Cell and Tissue Biology, 2022, 16, 259-267. | 0.4 | 1 |
| 4 | sfGFP throws light on the early stages of Î²-barrel amyloidogenesis. International Journal of Biological Macromolecules, 2022, 215, 224-234. | 7.5 | 5 |
| 5 | Ans Fluorescent Probe Induces Clustering of Amyloid Fibers. Biophysical Journal, 2021, 120, 23a. | 0.5 | 1 |
| 6 | Trypsin Induced Degradation of Amyloid Fibrils. International Journal of Molecular Sciences, 2021, 22, 4828. | 4.1 | 14 |
| 7 | Î²-Barrels and Amyloids: Structural Transitions, Biological Functions, and Pathogenesis. International Journal of Molecular Sciences, 2021, 22, 11316. | 4.1 | 11 |
| 8 | New findings on GFP-like protein application as fluorescent tags: Fibrillogenesis, oligomerization, and amorphous aggregation. International Journal of Biological Macromolecules, 2021, 192, 1304-1310. | 7.5 | 13 |
| 9 | Thermostability of lysozyme amyloid fibrils. Journal of Physics: Conference Series, 2021, 2086, 012117. | 0.4 | 0 |
| 10 | Accumulation of storage proteins in plant seeds is mediated by amyloid formation. PLoS Biology, 2020, 18, e3000564. | 5.6 | 53 |
| 11 | Alpha-B-Crystallin Effect on Mature Amyloid Fibrils: Different Degradation Mechanisms and Changes in Cytotoxicity. International Journal of Molecular Sciences, 2020, 21, 7659. | 4.1 | 7 |
| 12 | Point mutations affecting yeast prion propagation change the structure of its amyloid fibrils. Journal of Molecular Liquids, 2020, 314, 113618. | 4.9 | 4 |
| 13 | Denaturing Effect of Guanidine Hydrohloride on Amyloid Fibrils. Biophysical Journal, 2020, 118, 509a. | 0.5 | 0 |
| 14 | Interaction of Benzothiazole Dye Thioflavin T with Acidic Protein Prothymosin Alpha. Biophysical Journal, 2020, 118, 372a-373a. | 0.5 | 0 |
| 15 | Denaturant effect on amyloid fibrils: Declasterization, depolymerization, denaturation and reassembly. International Journal of Biological Macromolecules, 2020, 150, 681-694. | 7.5 | 15 |
| 16 | Effect of the fluorescent probes ThT and ANS on the mature amyloid fibrils. Prion, 2020, 14, 67-75. | 1.8 | 46 |
| 17 | Two Novel Amyloid Proteins, RopA and RopB, from the Root Nodule Bacterium Rhizobium leguminosarum. Biomolecules, 2019, 9, 694. | 4.0 | 23 |
| 18 | Structural Analogue of Thioflavin T, DMASEBT, as a Tool for Amyloid Fibrils Study. Analytical Chemistry, 2019, 91, 3131-3140. | 6.5 | 16 |

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|---|---|---|---|
| 19 | The Effect of Solution pH on the Structure and Stability of Lysozyme Amyloid Fibrils. Biophysical Journal, 2019, 116, 196a. | 0.5 | 0 |
| 20 | Thioflavin T Interaction with Acetylcholinesterase: New Evidence of 1:1 Binding Stoichiometry Obtained with Samples Prepared by Equilibrium Microdialysis. ACS Chemical Neuroscience, 2018, 9, 1793-1801. | 3.5 | 7 |
| 21 | Structural Features of Amyloid Fibrils Formed from the Full-Length and Truncated Forms of Beta-2-Microglobulin Probed by Fluorescent Dye Thioflavin T. International Journal of Molecular Sciences, 2018, 19, 2762. | 4.1 | 17 |
| 22 | Trans-2-[4-(dimethylamino)styryl]-3-ethyl-1,3-benzothiazolium perchlorate - New fluorescent dye for testing of amyloid fibrils and study of their structure. Dyes and Pigments, 2018, 157, 385-395. | 3.7 | 14 |
| 23 | Investigation of Î±-Synuclein Amyloid Fibrils Using the Fluorescent Probe Thioflavin T. International Journal of Molecular Sciences, 2018, 19, 2486. | 4.1 | 36 |
| 24 | M60-like metalloprotease domain of the Escherichia coli YghJ protein forms amyloid fibrils. PLoS ONE, 2018, 13, e0191317. | 2.5 | 11 |
| 25 | Effects of low urea concentrations on protein-water interactions. Journal of Biomolecular Structure and Dynamics, 2017, 35, 207-218. | 3.5 | 8 |
| 26 | Formation of trans-2-[4-(Dimethylamino)Styryl]-3-Ethyl-1,3-Benzothiazolium Perchlorate Dimers in the Presence of Sodium Polystyrene Sulfonate. Journal of Applied Spectroscopy, 2017, 83, 917-923. | 0.7 | 3 |
| 27 | Thioflavin T fluoresces as excimer in highly concentrated aqueous solutions and as monomer being incorporated in amyloid fibrils. Scientific Reports, 2017, 7, 2146. | 3.3 | 66 |
| 28 | Different conditions of fibrillogenesis cause polymorphism of lysozyme amyloid fibrils. Journal of Molecular Structure, 2017, 1140, 52-58. | 3.6 | 27 |
| 29 | Photophysical Properties of Fluorescent Probe Thioflavin T in Crowded Milieu. Journal of Spectroscopy, 2017, 2017, 1-10. | 1.3 | 13 |
| 30 | Stoichiometry and Affinity of Thioflavin T Binding to Sup35p Amyloid Fibrils. PLoS ONE, 2016, 11, e0156314. | 2.5 | 23 |
| 31 | Photophysical Properties of Thioflavin T. Does it form Excimers When Integrated into Amyloid Fibrils?. Biophysical Journal, 2016, 110, 218a. | 0.5 | 0 |
| 32 | High Fluorescence Anisotropy of Thioflavin T in Aqueous Solution Resulting from Its Molecular Rotor Nature. Analytical Chemistry, 2016, 88, 718-724. | 6.5 | 32 |
| 33 | Protein unfolding in crowded milieu: what crowding can do to a protein undergoing unfolding?. Journal of Biomolecular Structure and Dynamics, 2016, 34, 2155-2170. | 3.5 | 28 |
| 34 | Spectral Manifestations of Thioflavin T Aggregation. Journal of Applied Spectroscopy, 2015, 82, 33-39. | 0.7 | 15 |
| 35 | Fluorescence of Dyes in Solutions with High Absorbance. Inner Filter Effect Correction. PLoS ONE, 2014, 9, e103878. | 2.5 | 182 |
| 36 | Investigation of the kinetics of insulin amyloid fibrils formation. Cell and Tissue Biology, 2014, 8, 186-191. | 0.4 | 9 |

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| 37 | Photophysical Properties of Trans-2-[4-(dimethylamino)styryl]-3-ethyl-1,3-benzothiazolium Perchlorate, a New Structural Analog of Thioflavin T. Journal of Applied Spectroscopy, 2014, 81, 205-213. | 0.7 | 3 |
| 38 | New Solution of Eliminating the Inner Filter Effect in Fluorescent Measurements. Biophysical Journal, 2013, 104, 345a. | 0.5 | 0 |
| 39 | Binding Stoichiometry and Affinity of Fluorescent Dyes to Proteins in Different Structural States. Methods in Molecular Biology, 2012, 895, 441-460. | 0.9 | 15 |
| 40 | Interaction of Thioflavin T with Amyloid Fibrils: Fluorescence Quantum Yield of Bound Dye. Journal of Physical Chemistry B, 2012, 116, 2538-2544. | 2.6 | 84 |
| 41 | Reevaluation of ANS Binding to Human and Bovine Serum Albumins: Key Role of Equilibrium Microdialysis in Ligand â€“ Receptor Binding Characterization. PLoS ONE, 2012, 7, e40845. | 2.5 | 71 |
| 42 | Analyzing Thioflavin T Binding to Amyloid Fibrils by an Equilibrium Microdialysis-Based Technique. PLoS ONE, 2012, 7, e30724. | 2.5 | 63 |
| 43 | A New Trend in the Experimental Methodology for the Analysis of the Thioflavin T Binding to Amyloid Fibrils. Molecular Neurobiology, 2012, 45, 488-498. | 4.0 | 56 |
| 44 | Interaction of Thioflavin T with Amyloid Fibrils: Stoichiometry and Affinity of Dye Binding, Absorption Spectra of Bound Dye. Journal of Physical Chemistry B, 2011, 115, 11519-11524. | 2.6 | 92 |
| 45 | High stability of trehalose/maltose binding protein fromThermococcus litoralismakes it a good candidate as a sensitive element in biosensor systems for sugar control. Spectroscopy, 2010, 24, 349-353. | 0.8 | 1 |
| 46 | Spectral properties and factors determining high quantum yield of thioflavin T incorporated in amyloid fibrils. Spectroscopy, 2010, 24, 169-172. | 0.8 | 11 |
| 47 | Fluorescence Quantum Yield of Thioflavin T in Rigid Isotropic Solution and Incorporated into the Amyloid Fibrils. PLoS ONE, 2010, 5, e15385. | 2.5 | 152 |