

Maksim I Sulatsky

List of Publications by Year in descending order

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papers

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933447

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32
all docs

32
docs citations

32
times ranked

454
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation of storage proteins in plant seeds is mediated by amyloid formation. PLoS Biology, 2020, 18, e3000564.	5.6	53
2	Effect of the fluorescent probes ThT and ANS on the mature amyloid fibrils. Prion, 2020, 14, 67-75.	1.8	46
3	Investigation of I±-Synuclein Amyloid Fibrils Using the Fluorescent Probe Thioflavin T. International Journal of Molecular Sciences, 2018, 19, 2486.	4.1	36
4	Two Novel Amyloid Proteins, RopA and RopB, from the Root Nodule Bacterium Rhizobium leguminosarum. Biomolecules, 2019, 9, 694.	4.0	23
5	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
6	Structural Analogue of Thioflavin T, DMASEBT, as a Tool for Amyloid Fibrils Study. Analytical Chemistry, 2019, 91, 3131-3140.	6.5	16
7	Denaturant effect on amyloid fibrils: Declusterization, depolymerization, denaturation and reassembly. International Journal of Biological Macromolecules, 2020, 150, 681-694.	7.5	15
8	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
9	Trypsin Induced Degradation of Amyloid Fibrils. International Journal of Molecular Sciences, 2021, 22, 4828.	4.1	14
10	Photophysical Properties of Fluorescent Probe Thioflavin T in Crowded Milieu. Journal of Spectroscopy, 2017, 2017, 1-10.	1.3	13
11	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
12	M60-like metalloprotease domain of the Escherichia coli YghJ protein forms amyloid fibrils. PLoS ONE, 2018, 13, e0191317.	2.5	11
13	I±-Barrels and Amyloids: Structural Transitions, Biological Functions, and Pathogenesis. International Journal of Molecular Sciences, 2021, 22, 11316.	4.1	11
14	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
15	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
16	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
17	Impact of terahertz radiation on the epithelialization rate of scarified cornea. Proceedings of SPIE, 2015, , .	0.8	5
18	sfGFP throws light on the early stages of I±-barrel amyloidogenesis. International Journal of Biological Macromolecules, 2022, 215, 224-234.	7.5	5

#	ARTICLE	IF	CITATIONS
19	Stimulation of neurite growth under broadband pulsed THz radiation. <i>Physics of Wave Phenomena</i> , 2014, 22, 197-201.	1.1	4
20	Point mutations affecting yeast prion propagation change the structure of its amyloid fibrils. <i>Journal of Molecular Liquids</i> , 2020, 314, 113618.	4.9	4
21	Structural Polymorphism of Lysozyme Amyloid Fibrils. <i>Cell and Tissue Biology</i> , 2022, 16, 259-267.	0.4	1
22	Terahertz spectral characteristics and optical properties of normal and pathological skin, cornea and their components. , 2014, , .		0
23	The Effect of Solution pH on the Structure and Stability of Lysozyme Amyloid Fibrils. <i>Biophysical Journal</i> , 2019, 116, 196a.	0.5	0
24	Denaturing Effect of Guanidine Hydrochloride on Amyloid Fibrils. <i>Biophysical Journal</i> , 2020, 118, 509a.	0.5	0
25	Accumulation of storage proteins in plant seeds is mediated by amyloid formation. , 2020, 18, e3000564.		0
26	Accumulation of storage proteins in plant seeds is mediated by amyloid formation. , 2020, 18, e3000564.		0
27	Accumulation of storage proteins in plant seeds is mediated by amyloid formation. , 2020, 18, e3000564.		0
28	Accumulation of storage proteins in plant seeds is mediated by amyloid formation. , 2020, 18, e3000564.		0
29	Accumulation of storage proteins in plant seeds is mediated by amyloid formation. , 2020, 18, e3000564.		0
30	Accumulation of storage proteins in plant seeds is mediated by amyloid formation. , 2020, 18, e3000564.		0
31	ÅÅOmpF porins of <i>Enterobacteriaceae</i> possess amyloidogenic properties. <i>FASEB Journal</i> , 2022, 36, .	0.5	0