

Magdalena I Ivanova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Inhibition of curli assembly and <i>Escherichia coli</i> biofilm formation by the human systemic amyloid precursor transthyretin. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12184-12189.	7.1	56
2	Mutant UBQLN2 promotes toxicity by modulating intrinsic self-assembly. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10495-E10504.	7.1	52
3	High-Throughput Screening at the Membrane Interface Reveals Inhibitors of Amyloid- β^2 . Biochemistry, 2020, 59, 2249-2258.	2.5	40
4	Distinct C9orf72-Associated Dipeptide Repeat Structures Correlate with Neuronal Toxicity. PLoS ONE, 2016, 11, e0165084.	2.5	39
5	Unbiased screen identifies aripiprazole as a modulator of abundance of the polyglutamine disease protein, ataxin-3. Brain, 2016, 139, 2891-2908.	7.6	37
6	High-throughput screening yields several small-molecule inhibitors of repeat-associated non-AUG translation. Journal of Biological Chemistry, 2019, 294, 18624-18638.	3.4	32
7	Zinc boosts EGCG's hIAPP amyloid Inhibition both in solution and membrane. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 529-536.	2.3	32
8	Rational affinity maturation of anti-amyloid antibodies with high conformational and sequence specificity. Journal of Biological Chemistry, 2021, 296, 100508.	3.4	19
9	Shared and divergent phase separation and aggregation properties of brain-expressed ubiquilins. Scientific Reports, 2021, 11, 287.	3.3	17
10	Mechanistic insights into the protective roles of polyphosphate against amyloid cytotoxicity. Life Science Alliance, 2019, 2, e201900486.	2.8	15
11	Flow-aligned, single-shot fiber diffraction using a femtosecond X-ray free-electron laser. Cytoskeleton, 2017, 74, 472-481.	2.0	12
12	Tau's Three-Repeat Domain and EFhd2 Co-incubation Leads to Increased Thioflavin Signal. Frontiers in Neuroscience, 2018, 12, 879.	2.8	9
13	Thiol-mediated and catecholamine-enhanced multimerization of a cerebrovascular disease enriched fragment of NOTCH3. Experimental Neurology, 2020, 328, 113261.	4.1	6
14	Conformational Tuning of Amylin by Charged Styrene-Maleic-Acid Copolymers. Journal of Molecular Biology, 2022, 434, 167385.	4.2	6
15	Oligomerization, trans-reduction, and instability of mutant NOTCH3 in inherited vascular dementia. Communications Biology, 2022, 5, 331.	4.4	4
16	Aggregation and the Intrinsic Structural Disorder of Dipeptide Repeat Peptides of C9orf72-Related Amyotrophic Lateral Sclerosis and Frontotemporal Dementia Characterized by NMR. Journal of Physical Chemistry B, 2021, 125, 12446-12456.	2.6	2