

# Alexander I Alexandrov

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

439  
citations

1040056

9  
h-index

752698

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein synthesis and quality control in aging. <i>Aging</i> , 2018, 10, 4269-4288.	3.1	116
2	Proteomic Screening for Amyloid Proteins. <i>PLoS ONE</i> , 2014, 9, e116003.	2.5	50
3	Proteinase K resistant cores of prions and amyloids. <i>Prion</i> , 2020, 14, 11-19.	1.8	38
4	The Effects of Amino Acid Composition of Glutamine-Rich Domains on Amyloid Formation and Fragmentation. <i>PLoS ONE</i> , 2012, 7, e46458.	2.5	36
5	Amyloid-Mediated Sequestration of Essential Proteins Contributes to Mutant Huntingtin Toxicity in Yeast. <i>PLoS ONE</i> , 2012, 7, e29832.	2.5	29
6	Yeast Sup35 Prion Structure: Two Types, Four Parts, Many Variants. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2633.	4.1	24
7	Analysis of novel hyperosmotic shock response suggests "beads in liquid" cytosol structure. <i>Biology Open</i> , 2019, 8, .	1.2	18
8	A protein polymerization cascade mediates toxicity of non-pathological human huntingtin in yeast. <i>Scientific Reports</i> , 2016, 5, 18407.	3.3	17
9	Self-excising integrative yeast plasmid vectors containing an intronated recombinase gene. <i>FEMS Yeast Research</i> , 2014, 14, n/a-n/a.	2.3	15
10	A Systematic Survey of Characteristic Features of Yeast Cell Death Triggered by External Factors. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 886.	3.5	13
11	Antifungal Thiazolidines: Synthesis and Biological Evaluation of Mycosidine Congeners. <i>Pharmaceuticals</i> , 2022, 15, 563.	3.8	10
12	Distinct mechanisms of mutant huntingtin toxicity in different yeast strains. <i>FEMS Yeast Research</i> , 2017, 17, fow102.	2.3	9
13	Could yeast prion domains originate from polyQ/N tracts?. <i>Prion</i> , 2013, 7, 209-214.	1.8	8
14	Wild type huntingtin toxicity in yeast: Implications for the role of amyloid cross-seeding in polyQ diseases. <i>Prion</i> , 2016, 10, 221-227.	1.8	8
15	High-Reynolds Microfluidic Sorting of Large Yeast Populations. <i>Scientific Reports</i> , 2018, 8, 13739.	3.3	8
16	Increasing throughput of manual microscopy of cell suspensions using solid medium pads. <i>MethodsX</i> , 2019, 6, 329-332.	1.6	8
17	Amyloid Fragmentation and Disaggregation in Yeast and Animals. <i>Biomolecules</i> , 2021, 11, 1884.	4.0	8
18	A standard knockout procedure alters expression of adjacent loci at the translational level. <i>Nucleic Acids Research</i> , 2021, 49, 11134-11144.	14.5	7

#	ARTICLE	IF	CITATIONS
19	Structural Bases of Prion Variation in Yeast. International Journal of Molecular Sciences, 2022, 23, 5738.	4.1	6
20	Perturbations in the Heme and Siroheme Biosynthesis Pathways Causing Accumulation of Fluorescent Free Base Porphyrins and Auxotrophy in Ogataea Yeasts. Journal of Fungi (Basel, Switzerland), 2021, 7, 884.	3.5	3
21	Dangerous Stops: Nonsense Mutations Can Dramatically Increase Frequency of Prion Conversion. International Journal of Molecular Sciences, 2021, 22, 1542.	4.1	2
22	Modulation of green to red photoconversion of GFP during fluorescent microscopy by carbon source and oxygen availability. Yeast, 2021, 38, 295-301.	1.7	1