Vitaliy V Kushnirov

List of Publications by Year
in descending order

27	2,745	361413	526287
papers	citations	20 h-index	27 g-index

28	28	28	1078
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Bases of Prion Variation in Yeast. International Journal of Molecular Sciences, 2022, 23, 5738.	4.1	6
2	Mutable yeast prion variants are stabilized by a defective Hsp104 chaperone. Molecular Microbiology, 2021, 115, 774-788.	2.5	8
3	Dangerous Stops: Nonsense Mutations Can Dramatically Increase Frequency of Prion Conversion. International Journal of Molecular Sciences, 2021, 22, 1542.	4.1	2
4	A Systematic Survey of Characteristic Features of Yeast Cell Death Triggered by External Factors. Journal of Fungi (Basel, Switzerland), 2021, 7, 886.	3.5	13
5	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
6	Amyloid Fragmentation and Disaggregation in Yeast and Animals. Biomolecules, 2021, 11, 1884.	4.0	8
7	Proteinase K resistant cores of prions and amyloids. Prion, 2020, 14, 11-19.	1.8	38
8	Yeast Sup35 Prion Structure: Two Types, Four Parts, Many Variants. International Journal of Molecular Sciences, 2019, 20, 2633.	4.1	24
9	Analysis of novel hyperosmotic shock response suggests â€œbeads in liquidâ€•cytosol structure. Biology Open, 2019, 8, .	1.2	18
10	The Effects of Amino Acid Composition of Glutamine-Rich Domains on Amyloid Formation and Fragmentation. PLoS ONE, 2012, 7, e46458.	2.5	36
11	Interdependence of amyloid formation in yeast. Prion, 2010, 4, 45-52.	1.8	35
12	Appearance and Propagation of Polyglutamine-based Amyloids in Yeast. Journal of Biological Chemistry, 2008, 283, 15185-15192.	3.4	54
13	Prion and Nonprion Amyloids. Prion, 2007, 1, 179-184.	1.8	35
14	Purification and analysis of prion and amyloid aggregates. Methods, 2006, 39, 50-55.	3.8	75
15	The Role of the N-Terminal Oligopeptide Repeats of the Yeast Sup35 Prion Protein in Propagation and Transmission of Prion Variants. Genetics, 2006, 172, 827-835.	2.9	61
16	Nonsense Suppression in Yeast Cells Overproducing Sup35 (eRF3) Is Caused by Its Non-heritable Amyloids. Journal of Biological Chemistry, 2005, 280, 8808-8812.	3.4	88
17	Yeast [PSI+] Prion Aggregates Are Formed by Small Sup35 Polymers Fragmented by Hsp104. Journal of Biological Chemistry, 2003, 278, 49636-49643.	3.4	413
18	Increased Expression of Hsp40 Chaperones, Transcriptional Factors, and Ribosomal Protein Rpp0 Can Cure Yeast Prions. Journal of Biological Chemistry, 2002, 277, 23702-23708.	3.4	81

#	Article	IF	Citations
19	Yeast polypeptide chain release factors eRF1 and eRF3 are involved in cytoskeleton organization and cell cycle regulation. Cytoskeleton, 2002, 52, 161-173.	4.4	70
20	[PSI+] prion generation in yeast: characterization of the ?strain? difference. Yeast, 2001, 18, 489-497.	1.7	64
21	Chaperones that cure yeast artificial [PSI+] and their prion-specific effects. Current Biology, 2000, 10, 1443-1446.	3.9	151
22	Structure and Replication of Yeast Prions. Cell, 1998, 94, 13-16.	28.9	162
23	In Vitro Propagation of the Prion-Like State of Yeast Sup35 Protein. Science, 1997, 277, 381-383.	12.6	213
24	Genesis and Variability of [PSI] Prion Factors in Saccharomyces cerevisiae. Genetics, 1996, 144, 1375-1386.	2.9	519
25	Deletion analysis of the SUP35 gene of the yeast Saccharomyces cerevisiae reveals two non-overlapping functional regions in the encoded protein. Molecular Microbiology, 1993, 7, 683-692.	2.5	297
26	Divergence and conservation ofSUP2(SUP35) gene of yeastsPichia pinus andSaccharomyces cerevisiae. Yeast, 1990, 6, 461-472.	1.7	70
27	Nucleotide sequence of the SUP2 (SUP35) gene of Saccharomyces cerevisiae. Gene, 1988, 66, 45-54.	2.2	199