

Ulfar Bergthorsson

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,131
citations

361413

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h-index

501196

28
g-index

32
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32
docs citations

32
times ranked

2638
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutation rate and spectrum in obligately outcrossing <i>Caenorhabditis elegans</i> mutation accumulation lines subjected to RNAi-induced knockdown of the mismatch repair gene <i>msh-2</i> . <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	11
2	Mitochondrial Mismatch is Associated With Increased Male Frequency, Outcrossing, and Male Sperm Size in Experimentally-Evolved <i>C. elegans</i> . <i>Frontiers in Genetics</i> , 2022, 13, 742272.	2.3	4
3	The conflict within: origin, proliferation and persistence of a spontaneously arising selfish mitochondrial genome. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190174.	4.0	16
4	Mutational Landscape of Spontaneous Base Substitutions and Small Indels in Experimental <i>Caenorhabditis elegans</i> Populations of Differing Size. <i>Genetics</i> , 2019, 212, 837-854.	2.9	32
5	Old Trade, New Tricks: Insights into the Spontaneous Mutation Process from the Partnering of Classical Mutation Accumulation Experiments with High-Throughput Genomic Approaches. <i>Genome Biology and Evolution</i> , 2019, 11, 136-165.	2.5	110
6	Mutational and transcriptional landscape of spontaneous gene duplications and deletions in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7386-7391.	7.1	57
7	Mitochondrial Mutation Rate, Spectrum and Heteroplasmy in <i>Caenorhabditis elegans</i> Spontaneous Mutation Accumulation Lines of Differing Population Size. <i>Molecular Biology and Evolution</i> , 2017, 34, msx051.	8.9	57
8	Fitness decline in spontaneous mutation accumulation lines of <i>Caenorhabditis elegans</i> with varying effective population sizes. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 104-116.	2.3	37
9	Rapid Increase in frequency of gene copy-number variants during experimental evolution in <i>Caenorhabditis elegans</i> . <i>BMC Genomics</i> , 2015, 16, 1044.	2.8	40
10	<i>Physella acuta</i> : atypical mitochondrial gene order among panpulmonates (Gastropoda). <i>Journal of Molluscan Studies</i> , 2014, 80, 388-399.	1.2	24
11	Copy-number changes in evolution: rates, fitness effects and adaptive significance. <i>Frontiers in Genetics</i> , 2013, 4, 273.	2.3	126
12	High Spontaneous Rate of Gene Duplication in <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , 2011, 21, 306-310.	3.9	116
13	Genomic and Population-Level Effects of Gene Conversion in <i>Caenorhabditis</i> Paralogs. <i>Genes</i> , 2010, 1, 452-468.	2.4	11
14	Gene Conversion and DNA Sequence Polymorphism in the Sex-Determination Gene <i>fog-2</i> and Its Paralog <i>ftt-1</i> in <i>Caenorhabditis elegans</i> . <i>Molecular Biology and Evolution</i> , 2010, 27, 1561-1569.	8.9	13
15	Evolutionary pattern and process within the <i>Vertigo gouldii</i> (Mollusca: Pulmonata, Pupillidae) group of minute North American land snails. <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 1010-1024.	2.7	38
16	Sex Change by Gene Conversion in a <i>Caenorhabditis elegans fog-2</i> Mutant. <i>Genetics</i> , 2008, 180, 669-672.	2.9	30
17	Ohno's dilemma: Evolution of new genes under continuous selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17004-17009.	7.1	313
18	Natural Isolates of <i>Salmonella enterica</i> Serovar Dublin Carry a Single <i>nadA</i> Missense Mutation. <i>Journal of Bacteriology</i> , 2005, 187, 400-403.	2.2	10

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19	Regulation of NAD Synthesis by the Trifunctional NadR Protein of Salmonella enterica. Journal of Bacteriology, 2005, 187, 2774-2782.	2.2	63
20	Assimilation of Nicotinamide Mononucleotide Requires Periplasmic AphA Phosphatase in Salmonella enterica. Journal of Bacteriology, 2005, 187, 4521-4530.	2.2	31
21	Massive horizontal transfer of mitochondrial genes from diverse land plant donors to the basal angiosperm Amborella. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17747-17752.	7.1	240
22	Widespread horizontal transfer of mitochondrial genes in flowering plants. Nature, 2003, 424, 197-201.	27.8	433
23	Formation of an F ² Plasmid by Recombination between Imperfectly Repeated Chromosomal Rep Sequences: a Closer Look at an Old Friend (F ² 128 pro lac). Journal of Bacteriology, 2003, 185, 660-663.	2.2	44
24	Transcription increases multiple spontaneous point mutations in Salmonella enterica. Nucleic Acids Research, 2003, 31, 4517-4522.	14.5	40
25	Amplification ² mutagenesis: Evidence that ² directed ² adaptive mutation and general hypermutability result from growth with a selected gene amplification. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2164-2169.	7.1	159
26	Effect of Chromosome Location on Bacterial Mutation Rates. Molecular Biology and Evolution, 2002, 19, 85-92.	8.9	40
27	Chromosomal Changes during Experimental Evolution in Laboratory Populations of Escherichia coli. Journal of Bacteriology, 1999, 181, 1360-1363.	2.2	16
28	Rates and patterns of chromosome evolution in enteric bacteria. Current Opinion in Microbiology, 1998, 1, 580-583.	5.1	19