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List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,685
citations

840776

11
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

3180
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Sequence of the Pea Aphid <i>Acyrtosiphon pisum</i> . <i>PLoS Biology</i> , 2010, 8, e1000313.	5.6	913
2	The Gypsy Database (GyDB) of mobile genetic elements: release 2.0. <i>Nucleic Acids Research</i> , 2011, 39, D70-D74.	14.5	344
3	A thousand empirical adaptive landscapes and their navigability. <i>Nature Ecology and Evolution</i> , 2017, 1, 45.	7.8	79
4	High mutation rates limit evolutionary adaptation in <i>Escherichia coli</i> . <i>PLoS Genetics</i> , 2018, 14, e1007324.	3.5	72
5	The SIB Swiss Institute of Bioinformatics's™ resources: focus on curated databases. <i>Nucleic Acids Research</i> , 2016, 44, D27-D37.	14.5	64
6	The Molecular Chaperone DnaK Is a Source of Mutational Robustness. <i>Genome Biology and Evolution</i> , 2016, 8, 2979-2991.	2.5	57
7	Fitness Trade-Offs Determine the Role of the Molecular Chaperonin GroEL in Buffering Mutations. <i>Molecular Biology and Evolution</i> , 2015, 32, 2681-2693.	8.9	43
8	The architecture of an empirical genotype-phenotype map. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1242-1260.	2.3	27
9	Molecular Chaperones Accelerate the Evolution of Their Protein Clients in Yeast. <i>Genome Biology and Evolution</i> , 2019, 11, 2360-2375.	2.5	25
10	Metabolic determinants of enzyme evolution in a genome-scale bacterial metabolic network. <i>Genome Biology and Evolution</i> , 2018, 10, 3076-3088.	2.5	19
11	Modelling the heart as a communication system. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20141201.	3.4	14
12	Genonets server—a web server for the construction, analysis and visualization of genotype networks. <i>Nucleic Acids Research</i> , 2016, 44, W70-W76.	14.5	12
13	How Archiving by Freezing Affects the Genome-Scale Diversity of <i>Escherichia coli</i> Populations. <i>Genome Biology and Evolution</i> , 2016, 8, 1290-1298.	2.5	11
14	<i>Drosophila</i> Nnf1 paralogs are partially redundant for somatic and germ line kinetochore function. <i>Chromosoma</i> , 2017, 126, 145-163.	2.2	2
15	Chaperonin overproduction and metabolic erosion caused by mutation accumulation in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	2
16	Robustness and Evolvability in Transcriptional Regulation. , 2021, , 197-219.		1