

Sean W Buskirk

List of Publications by Year in descending order

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papers

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925363

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794
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Evolution of <i>Burkholderia multivorans</i> during a Chronic Cystic Fibrosis Infection Reveals Shifting Forces of Selection. <i>MSystems</i> , 2016, 1, .	4.0	94
2	Glycomic Analyses of Mouse Models of Congenital Muscular Dystrophy. <i>Journal of Biological Chemistry</i> , 2011, 286, 21180-21190.	3.5	80
3	Adaptive genome duplication affects patterns of molecular evolution in <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2018, 14, e1007396.	3.3	77
4	Hitchhiking and epistasis give rise to cohort dynamics in adapting populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8330-8335.	7.5	62
5	Altered access to beneficial mutations slows adaptation and biases fixed mutations in diploids. <i>Nature Ecology and Evolution</i> , 2018, 2, 882-889.	7.9	49
6	Character displacement and the evolution of niche complementarity in a model biofilm community. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 283-293.	2.2	40
7	Adaptive evolution of nontransitive fitness in yeast. <i>ELife</i> , 2020, 9, .	5.9	24
8	One gene, multiple ecological strategies: A biofilm regulator is a capacitor for sustainable diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21647-21657.	7.5	19
9	Use of the Chinchilla Model to Evaluate the Vaccinogenic Potential of the <i>Moraxella catarrhalis</i> Filamentous Hemagglutinin-like Proteins MhaB1 and MhaB2. <i>PLoS ONE</i> , 2013, 8, e67881.	2.5	15
10	Negative frequency-dependent selection maintains coexisting genotypes during fluctuating selection. <i>Molecular Ecology</i> , 2020, 29, 138-148.	3.6	13
11	Overdominant and partially dominant mutations drive clonal adaptation in diploid <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2022, 221, .	2.9	10
12	Exploring a Local Genetic Interaction Network Using Evolutionary Replay Experiments. <i>Molecular Biology and Evolution</i> , 2021, 38, 3144-3152.	9.1	7
13	G1-Cyclin2 (Cln2) promotes chromosome hypercondensation in <i>eco1/ctf7 rad61</i> null cells during hyperthermic stress in <i>Saccharomyces cerevisiae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.9	0