

Matthew S Ackerman

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,982
citations

623734

14
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

2361
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic drift, selection and the evolution of the mutation rate. <i>Nature Reviews Genetics</i> , 2016, 17, 704-714.	16.3	648
2	Drift-barrier hypothesis and mutation-rate evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18488-18492.	7.1	355
3	Population-genomic insights into the evolutionary origin and fate of obligately asexual <i>Daphnia pulex</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15740-15745.	7.1	159
4	Asymmetric Context-Dependent Mutation Patterns Revealed through Mutation "Accumulation Experiments. <i>Molecular Biology and Evolution</i> , 2015, 32, 1672-1683.	8.9	130
5	High mutational rates of large-scale duplication and deletion in <i>Daphnia pulex</i> . <i>Genome Research</i> , 2016, 26, 60-69.	5.5	99
6	A New Reference Genome Assembly for the Microcrustacean <i>Daphnia pulex</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1405-1416.	1.8	95
7	Evolution of the Insertion-Deletion Mutation Rate Across the Tree of Life. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2583-2591.	1.8	89
8	<i>Polynucleobacter necessarius</i> , a model for genome reduction in both free-living and symbiotic bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18590-18595.	7.1	80
9	Mutation Rate, Spectrum, Topology, and Context-Dependency in the DNA Mismatch Repair-Deficient <i>Pseudomonas fluorescens</i> ATCC948. <i>Genome Biology and Evolution</i> , 2015, 7, 262-271.	2.5	62
10	Background Mutational Features of the Radiation-Resistant Bacterium <i>Deinococcus radiodurans</i> . <i>Molecular Biology and Evolution</i> , 2015, 32, 2383-2392.	8.9	58
11	Population Genomics of <i>Daphnia pulex</i> . <i>Genetics</i> , 2017, 206, 315-332.	2.9	55
12	A Male-Specific Genetic Map of the Microcrustacean <i>Daphnia pulex</i> Based on Single-Sperm Whole-Genome Sequencing. <i>Genetics</i> , 2015, 201, 31-38.	2.9	52
13	Hybridization and the Origin of Contagious Asexuality in <i>Daphnia pulex</i> . <i>Molecular Biology and Evolution</i> , 2015, 32, msv190.	8.9	49
14	Estimating Seven Coefficients of Pairwise Relatedness Using Population-Genomic Data. <i>Genetics</i> , 2017, 206, 105-118.	2.9	33
15	An Unbiased Genome-Wide View of the Mutation Rate and Spectrum of the Endosymbiotic Bacterium <i>Teredinibacter turnerae</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 723-730.	2.5	13
16	Reply to Massey: Drift does influence mutation-rate evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E860-E860.	7.1	4