

Heath Blackmon

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,159
citations

516215

16
h-index

414034

32
g-index

41
all docs

41
docs citations

41
times ranked

4050
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex Determination: Why So Many Ways of Doing It?. PLoS Biology, 2014, 12, e1001899.	2.6	916
2	Genome of the Asian longhorned beetle (<i>Anoplophora glabripennis</i>), a globally significant invasive species, reveals key functional and evolutionary innovations at the beetle–plant interface. Genome Biology, 2016, 17, 227.	3.8	244
3	Tree of Sex: A database of sexual systems. Scientific Data, 2014, 1, 140015.	2.4	216
4	Sex Determination, Sex Chromosomes, and Karyotype Evolution in Insects. Journal of Heredity, 2017, 108, 78-93.	1.0	146
5	The origins and evolution of chromosomes, dosage compensation, and mechanisms underlying venom regulation in snakes. Genome Research, 2019, 29, 590-601.	2.4	114
6	Diversification and asymmetrical gene flow across time and space: lineage sorting and hybridization in polytypic barking frogs. Molecular Ecology, 2014, 23, 3273-3291.	2.0	78
7	Estimating Tempo and Mode of Y Chromosome Turnover: Explaining Y Chromosome Loss With the Fragile Y Hypothesis. Genetics, 2014, 197, 561-572.	1.2	52
8	Microsatellite landscape evolutionary dynamics across 450 million years of vertebrate genome evolution. Genome, 2016, 59, 295-310.	0.9	40
9	Coleoptera Karyotype Database. The Coleopterists Bulletin, 2015, 69, 174-175.	0.1	33
10	Meiotic drive shapes rates of karyotype evolution in mammals. Evolution; International Journal of Organic Evolution, 2019, 73, 511-523.	1.1	32
11	Recombination, chromosome number and eusociality in the Hymenoptera. Journal of Evolutionary Biology, 2015, 28, 105-116.	0.8	29
12	The fragile Y hypothesis: Y chromosome aneuploidy as a selective pressure in sex chromosome and meiotic mechanism evolution. BioEssays, 2015, 37, 942-950.	1.2	25
13	The evolutionary dynamics of haplodiploidy: Genome architecture and haploid viability. Evolution; International Journal of Organic Evolution, 2015, 69, 2971-2978.	1.1	23
14	Chromosome number evolves at equal rates in holocentric and monocentric clades. PLoS Genetics, 2020, 16, e1009076.	1.5	22
15	Long-Term Fragility of Y Chromosomes Is Dominated by Short-Term Resolution of Sexual Antagonism. Genetics, 2017, 207, 1621-1629.	1.2	21
16	A database of amphibian karyotypes. Chromosome Research, 2019, 27, 313-319.	1.0	21
17	Genomic origins of insect sex chromosomes. Current Opinion in Insect Science, 2015, 7, 45-50.	2.2	20
18	Lineage-specific patterns of chromosome evolution are the rule not the exception in Polyneoptera insects. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201388.	1.2	19

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19	The probability of fusions joining sex chromosomes and autosomes. <i>Biology Letters</i> , 2020, 16, 20200648.	1.0	13
20	<i>GppFst</i> : genomic posterior predictive simulations of <i>FST</i> and <i>dXY</i> for identifying outlier loci from population genomic data. <i>Bioinformatics</i> , 2017, 33, 1414-1415.	1.8	9
21	A Primer for Single-Cell Sequencing in Non-Model Organisms. <i>Genes</i> , 2022, 13, 380.	1.0	9
22	An information-theoretic approach to estimating the composite genetic effects contributing to variation among generation means: Moving beyond the joint-scaling test for line cross analysis. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 420-432.	1.1	8
23	Genome Size Evolution Differs Between <i>Drosophila</i> Subgenera with Striking Differences in Male and Female Genome Size in <i>Sophophora</i> . <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3167-3179.	0.8	8
24	Contrasting Patterns of Rapid Molecular Evolution within the <i>p53</i> Network across Mammal and Sauropsid Lineages. <i>Genome Biology and Evolution</i> , 2019, 11, 629-643.	1.1	7
25	Ghosts of a Structured Past: Impacts of Ancestral Patterns of Isolation-by-Distance on Divergence-Time Estimation. <i>Journal of Heredity</i> , 2020, 111, 573-582.	1.0	5
26	Mode and Tempo of Microsatellite Evolution across 300 Million Years of Insect Evolution. <i>Genes</i> , 2020, 11, 945.	1.0	5
27	Diptera and <i>Drosophila</i> Karyotype Databases: A Useful Dataset to Guide Evolutionary and Genomic Studies. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	5
28	micRocounter: Microsatellite Characterization in Genome Assemblies. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3101-3104.	0.8	4
29	The March of the Beetles: Epistatic Components Dominate Divergence in Dispersal Tendency in <i>Tribolium castaneum</i> . <i>Journal of Heredity</i> , 2020, 111, 498-505.	1.0	3
30	Thoracic underreplication in <i>Drosophila</i> species estimates a minimum genome size and the dynamics of added DNA. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1423-1436.	1.1	3
31	Sex Determination. , 2016, , 81-88.		2
32	Why not Y naught. <i>Heredity</i> , 2022, 129, 75-78.	1.2	2
33	Inferring the potentially complex genetic architectures of adaptation, sexual dimorphism and genotype by environment interactions by partitioning of mean phenotypes. <i>Journal of Evolutionary Biology</i> , 2019, 32, 369-379.	0.8	1
34	Of Traits and Trees: Probabilistic Distances under Continuous Trait Models for Dissecting the Interplay among Phylogeny, Model, and Data. <i>Systematic Biology</i> , 2021, 70, 660-680.	2.7	1
35	Investigating a Photolytic Metabolite in the Nocturnal Grasshopper <i>Schistocerca ceratiola</i> (Orthoptera: Acrididae). <i>Annals of the Entomological Society of America</i> , 2019, 112, 50-55.	1.3	0
36	Retrogene survival is not impacted by linkage relationships. <i>PeerJ</i> , 2022, 10, e12822.	0.9	0

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37	Phylogenetics in space: How continuous spatial structure impacts tree inference. <i>Molecular Phylogenetics and Evolution</i> , 2022, 173, 107505.	1.2	0
38	CaveCrawler: an interactive analysis suite for cavefish bioinformatics. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	0