Heath Blackmon

List of Publications by Year
in descending order

38 papers	2,159 citations	516710 16 h-index	414414 32 g-index
41 all docs	41 docs citations	41 times ranked	4050 citing authors

#	Article	IF	Citations
1	Retrogene survival is not impacted by linkage relationships. PeerJ, 2022, 10, e12822.	2.0	0
2	A Primer for Single-Cell Sequencing in Non-Model Organisms. Genes, 2022, 13, 380.	2.4	9
3	Diptera and Drosophila Karyotype Databases: A Useful Dataset to Guide Evolutionary and Genomic Studies. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	5
4	Phylogenetics in space: How continuous spatial structure impacts tree inference. Molecular Phylogenetics and Evolution, 2022, 173, 107505.	2.7	0
5	Why not Y naught. Heredity, 2022, 129, 75-78.	2.6	2
6	CaveCrawler: an interactive analysis suite for cavefish bioinformatics. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	0
7	Of Traits and Trees: Probabilistic Distances under Continuous Trait Models for Dissecting the Interplay among Phylogeny, Model, and Data. Systematic Biology, 2021, 70, 660-680.	5.6	1
8	The March of the Beetles: Epistatic Components Dominate Divergence in Dispersal Tendency in Tribolium castaneum. Journal of Heredity, 2020, 111, 498-505.	2.4	3
9	Ghosts of a Structured Past: Impacts of Ancestral Patterns of Isolation-by-Distance on Divergence-Time Estimation. Journal of Heredity, 2020, 111, 573-582.	2.4	5
10	The probability of fusions joining sex chromosomes and autosomes. Biology Letters, 2020, 16, 20200648.	2.3	13
11	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.	2.6	19
12	Mode and Tempo of Microsatellite Evolution across 300 Million Years of Insect Evolution. Genes, 2020, 11, 945.	2.4	5
13	Thoracic underreplication in Drosophila species estimates a minimum genome size and the dynamics of added DNA. Evolution; International Journal of Organic Evolution, 2020, 74, 1423-1436.	2.3	3
14	Chromosome number evolves at equal rates in holocentric and monocentric clades. PLoS Genetics, 2020, 16, e1009076.	3.5	22
15	A database of amphibian karyotypes. Chromosome Research, 2019, 27, 313-319.	2.2	21
16	micRocounter: Microsatellite Characterization in Genome Assemblies. G3: Genes, Genomes, Genetics, 2019, 9, 3101-3104.	1.8	4
17	Investigating a Photolytic Metabolite in the Nocturnal GrasshopperSchistocerca ceratiola(Orthoptera: Acrididae). Annals of the Entomological Society of America, 2019, 112, 50-55.	2.5	0
18	Meiotic drive shapes rates of karyotype evolution in mammals. Evolution; International Journal of Organic Evolution, 2019, 73, 511-523.	2.3	32

#	Article	IF	Citations
19	Inferring the potentially complex genetic architectures of adaptation, sexual dimorphism and genotype by environment interactions by partitioning of mean phenotypes. Journal of Evolutionary Biology, 2019, 32, 369-379.	1.7	1
20	The origins and evolution of chromosomes, dosage compensation, and mechanisms underlying venom regulation in snakes. Genome Research, 2019, 29, 590-601.	5.5	114
21	Contrasting Patterns of Rapid Molecular Evolution within thep53Network across Mammal and Sauropsid Lineages. Genome Biology and Evolution, 2019, 11, 629-643.	2.5	7
22	Genome Size Evolution Differs BetweenDrosophilaSubgenera with Striking Differences in Male and Female Genome Size inSophophora. G3: Genes, Genomes, Genetics, 2019, 9, 3167-3179.	1.8	8
23	GppFst: genomic posterior predictive simulations of FST and dXY for identifying outlier loci from population genomic data. Bioinformatics, 2017, 33, 1414-1415.	4.1	9
24	Long-Term Fragility of Y Chromosomes Is Dominated by Short-Term Resolution of Sexual Antagonism. Genetics, 2017, 207, 1621-1629.	2.9	21
25	Sex Determination, Sex Chromosomes, and Karyotype Evolution in Insects. Journal of Heredity, 2017, 108, 78-93.	2.4	146
26	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. Evolution; International Journal of Organic Evolution, 2016, 70, 420-432.	2.3	8
27	Sex Determination. , 2016, , 81-88.		2
28	Genome of the Asian longhorned beetle (Anoplophora glabripennis), a globally significant invasive species, reveals key functional and evolutionary innovations at the beetleâ€“plant interface. Genome Biology, 2016, 17, 227.	8.8	244
29	Microsatellite landscape evolutionary dynamics across 450 million years of vertebrate genome evolution. Genome, 2016, 59, 295-310.	2.0	40
30	The evolutionary dynamics of haplodiploidy: Genome architecture and haploid viability. Evolution; International Journal of Organic Evolution, 2015, 69, 2971-2978.	2.3	23
31	The fragile Y hypothesis: Y chromosome aneuploidy as a selective pressure in sex chromosome and meiotic mechanism evolution. BioEssays, 2015, 37, 942-950.	2.5	25
32	Coleoptera Karyotype Database. The Coleopterists Bulletin, 2015, 69, 174-175.	0.2	33
33	Genomic origins of insect sex chromosomes. Current Opinion in Insect Science, 2015, 7, 45-50.	4.4	20
34	Recombination, chromosome number and eusociality in the Hymenoptera. Journal of Evolutionary Biology, 2015, 28, 105-116.	1.7	29
35	Sex Determination: Why So Many Ways of Doing It?. PLoS Biology, 2014, 12, e1001899.	5.6	916
36	Diversification and asymmetrical gene flow across time and space: lineage sorting and hybridization in polytypic barking frogs. Molecular Ecology, 2014, 23, 3273-3291.	3.9	78

#	Article	IF	Citations
37	Estimating Tempo and Mode of Y Chromosome Turnover: Explaining Y Chromosome Loss With the Fragile Y Hypothesis. Genetics, 2014, 197, 561-572.	2.9	52
38	Tree of Sex: A database of sexual systems. Scientific Data, 2014, 1, 140015.	5.3	216