

Darren James Parker

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

976
citations

567281

15
h-index

501196

28
g-index

38
all docs

38
docs citations

38
times ranked

1807
citing authors

#	ARTICLE	IF	CITATIONS
1	THE PREDICTION OF ADAPTIVE EVOLUTION: EMPIRICAL APPLICATION OF THE SECONDARY THEOREM OF SELECTION AND COMPARISON TO THE BREEDER'S EQUATION. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2399-2410.	2.3	119
2	Male-Specific Fruitless Isoforms Target Neurodevelopmental Genes to Specify a Sexually Dimorphic Nervous System. <i>Current Biology</i> , 2014, 24, 229-241.	3.9	95
3	The Genome and Methylome of a Beetle with Complex Social Behavior, <i>Nicrophorus vespilloides</i> (Coleoptera: Silphidae). <i>Genome Biology and Evolution</i> , 2015, 7, 3383-3396.	2.5	87
4	Transcriptomes of parents identify parenting strategies and sexual conflict in a subsocial beetle. <i>Nature Communications</i> , 2015, 6, 8449.	12.8	78
5	The evolution, diversity, and host associations of rhabdoviruses. <i>Virus Evolution</i> , 2015, 1, vev014.	4.9	68
6	Consequences of Asexuality in Natural Populations: Insights from Stick Insects. <i>Molecular Biology and Evolution</i> , 2018, 35, 1668-1677.	8.9	63
7	The Evolution of Large Testes: Sperm Competition or Male Mating Rate?. <i>Ethology</i> , 2012, 118, 107-117.	1.1	57
8	Codon Usage Bias and Effective Population Sizes on the X Chromosome versus the Autosomes in <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 2013, 30, 811-823.	8.9	41
9	Preparing for Winter: The Transcriptomic Response Associated with Different Day Lengths in <i>Drosophila montana</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1373-1381.	1.8	36
10	Larger testes are associated with a higher level of polyandry, but a smaller ejaculate volume, across bushcricket species (Tettigoniidae). <i>Biology Letters</i> , 2011, 7, 261-264.	2.3	33
11	Transcriptional Differences between Diapausing and Non-Diapausing <i>D. montana</i> Females Reared under the Same Photoperiod and Temperature. <i>PLoS ONE</i> , 2016, 11, e0161852.	2.5	32
12	Convergent consequences of parthenogenesis on stick insect genomes. <i>Science Advances</i> , 2022, 8, eabg3842.	10.3	27
13	The intensity of pre- and post-copulatory mate guarding in relation to spermatophore transfer in the cricket <i>Gryllus bimaculatus</i> . <i>Journal of Ethology</i> , 2010, 28, 245-249.	0.8	26
14	Repeated Evolution of Asexuality Involves Convergent Gene Expression Changes. <i>Molecular Biology and Evolution</i> , 2019, 36, 350-364.	8.9	26
15	Inter and Intraspecific Genomic Divergence in <i>Drosophila montana</i> Shows Evidence for Cold Adaptation. <i>Genome Biology and Evolution</i> , 2018, 10, 2086-2101.	2.5	25
16	Evolutionary and developmental dynamics of sex-biased gene expression in common frogs with proto-Y chromosomes. <i>Genome Biology</i> , 2018, 19, 156.	8.8	24
17	Haplotype divergence supports long-term asexuality in the oribatid mite <i>Oppiella nova</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
18	Sex-biased gene expression is repeatedly masculinized in asexual females. <i>Nature Communications</i> , 2019, 10, 4638.	12.8	21

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19	Dynamics of sex-biased gene expression during development in the stick insect <i>Timema californicum</i> . <i>Heredity</i> , 2022, 129, 113-122.	2.6	14
20	Sex-specific responses to cold in a very cold-tolerant, northern <i>Drosophila</i> species. <i>Heredity</i> , 2021, 126, 695-705.	2.6	13
21	Validating the Demethylating Effects of 5-aza-2â€²-deoxycytidine in Insects Requires a Whole-Genome Approach. <i>American Naturalist</i> , 2019, 194, 432-438.	2.1	12
22	Inducing Cold-Sensitivity in the Frigophilic Fly <i>Drosophila montana</i> by RNAi. <i>PLoS ONE</i> , 2016, 11, e0165724.	2.5	11
23	First annotated draft genomes of nonmarine ostracods (Ostracoda, Crustacea) with different reproductive modes. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	9
24	Fundamental and realized feeding niche breadths of sexual and asexual stick insects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, .	2.6	6
25	Paternity analysis of wildâ€œcaught females shows that sperm package size and placement influence fertilization success in the bushcricket <i>Pseudotettigonia griseoptera</i> . <i>Molecular Ecology</i> , 2017, 26, 3050-3061.	3.9	5
26	Photosensitive Alternative Splicing of the Circadian Clock Gene <i>timeless</i> Is Population Specific in a Cold-Adapted Fly, <i>Drosophila montana</i> . <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1291-1297.	1.8	2
27	A genomeâ€œwide investigation of adaptive signatures in proteinâ€œcoding genes related to tool behaviour in New Caledonian and Hawaiian crows. <i>Molecular Ecology</i> , 2021, 30, 973-986.	3.9	2
28	Olfactory Proteins in <i>Timema</i> Stick Insects. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	1