

# Darren James Parker

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

976  
citations

567281

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501196

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38  
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38  
docs citations

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times ranked

1807  
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergent consequences of parthenogenesis on stick insect genomes. <i>Science Advances</i> , 2022, 8, eabg3842.	10.3	27
2	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
3	A genome-wide investigation of adaptive signatures in protein-coding genes related to tool behaviour in New Caledonian and Hawaiian crows. <i>Molecular Ecology</i> , 2021, 30, 973-986.	3.9	2
4	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
5	First annotated draft genomes of nonmarine ostracods (Ostracoda, Crustacea) with different reproductive modes. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	9
6	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
7	Sex-biased gene expression is repeatedly masculinized in asexual females. <i>Nature Communications</i> , 2019, 10, 4638.	12.8	21
8	Validating the Demethylating Effects of 5-aza-2'-deoxycytidine in Insects Requires a Whole-Genome Approach. <i>American Naturalist</i> , 2019, 194, 432-438.	2.1	12
9	Repeated Evolution of Asexuality Involves Convergent Gene Expression Changes. <i>Molecular Biology and Evolution</i> , 2019, 36, 350-364.	8.9	26
10	Olfactory Proteins in <i>Timema</i> Stick Insects. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	1
11	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
12	Consequences of Asexuality in Natural Populations: Insights from Stick Insects. <i>Molecular Biology and Evolution</i> , 2018, 35, 1668-1677.	8.9	63
13	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
14	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
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	Paternity analysis of wild-caught females shows that sperm package size and placement influence fertilization success in the bushcricket <i>Pseudischnops griseoptera</i> . <i>Molecular Ecology</i> , 2017, 26, 3050-3061.	3.9	5
17	Inducing Cold-Sensitivity in the Frigophilic Fly <i>Drosophila montana</i> by RNAi. <i>PLoS ONE</i> , 2016, 11, e0165724.	2.5	11
18	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

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19	Transcriptional Differences between Diapausing and Non-Diapausing <i>D. montana</i> Females Reared under the Same Photoperiod and Temperature. PLoS ONE, 2016, 11, e0161852.	2.5	32
20	Transcriptomes of parents identify parenting strategies and sexual conflict in a subsocial beetle. Nature Communications, 2015, 6, 8449.	12.8	78
21	The evolution, diversity, and host associations of rhabdoviruses. Virus Evolution, 2015, 1, vev014.	4.9	68
22	The Genome and Methylome of a Beetle with Complex Social Behavior, <i>Nicrophorus vespilloides</i> (Coleoptera: Silphidae). Genome Biology and Evolution, 2015, 7, 3383-3396.	2.5	87
23	Male-Specific Fruitless Isoforms Target Neurodevelopmental Genes to Specify a Sexually Dimorphic Nervous System. Current Biology, 2014, 24, 229-241.	3.9	95
24	Codon Usage Bias and Effective Population Sizes on the X Chromosome versus the Autosomes in <i>Drosophila melanogaster</i> . Molecular Biology and Evolution, 2013, 30, 811-823.	8.9	41
25	The Evolution of Large Testes: Sperm Competition or Male Mating Rate?. Ethology, 2012, 118, 107-117.	1.1	57
26	THE PREDICTION OF ADAPTIVE EVOLUTION: EMPIRICAL APPLICATION OF THE SECONDARY THEOREM OF SELECTION AND COMPARISON TO THE BREEDER'S EQUATION. Evolution; International Journal of Organic Evolution, 2012, 66, 2399-2410.	2.3	119
27	Larger testes are associated with a higher level of polyandry, but a smaller ejaculate volume, across bushcricket species (Tettigoniidae). Biology Letters, 2011, 7, 261-264.	2.3	33
28	The intensity of pre- and post-copulatory mate guarding in relation to spermatophore transfer in the cricket <i>Gryllus bimaculatus</i> . Journal of Ethology, 2010, 28, 245-249.	0.8	26