

Stuart Wigby

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

3,391
citations

186265
28
h-index

155660
55
g-index

67
all docs

67
docs citations

67
times ranked

2311
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex Peptide Causes Mating Costs in Female <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2005, 15, 316-321.	3.9	429
2	Seminal Fluid Protein Allocation and Male Reproductive Success. <i>Current Biology</i> , 2009, 19, 751-757.	3.9	309
3	The seminal symphony: how to compose an ejaculate. <i>Trends in Ecology and Evolution</i> , 2013, 28, 414-422.	8.7	248
4	Mating and immunity in invertebrates. <i>Trends in Ecology and Evolution</i> , 2007, 22, 48-55.	8.7	228
5	FEMALE RESISTANCE TO MALE HARM EVOLVES IN RESPONSE TO MANIPULATION OF SEXUAL CONFLICT. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1028-1037.	2.3	179
6	Protein-specific manipulation of ejaculate composition in response to female mating status in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9922-9926.	7.1	152
7	Feeding, fecundity and lifespan in female <i>Drosophila melanogaster</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1675-1683.	2.6	123
8	EJACULATE DEPLETION PATTERNS EVOLVE IN RESPONSE TO EXPERIMENTAL MANIPULATION OF SEX RATIO IN <i>DROSOPHILA MELANOGASTER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2027-2034.	2.3	120
9	The benefits of male ejaculate sex peptide transfer in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2009, 22, 275-286.	1.7	90
10	Divergent allocation of sperm and the seminal proteome along a competition gradient in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17925-17933.	7.1	76
11	The <i>Drosophila</i> seminal proteome and its role in postcopulatory sexual selection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20200072.	4.0	76
12	Sex peptide of <i>Drosophila melanogaster</i> males is a global regulator of reproductive processes in females. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4423-4432.	2.6	73
13	Within-group male relatedness reduces harm to females in <i>Drosophila</i> . <i>Nature</i> , 2014, 505, 672-675.	27.8	73
14	Sperm and sex peptide stimulate aggression in female <i>Drosophila</i> . <i>Nature Ecology and Evolution</i> , 2017, 1, 0154.	7.8	73
15	Developmental environment mediates male seminal protein investment in <i>Drosophila melanogaster</i> . <i>Functional Ecology</i> , 2016, 30, 410-419.	3.6	71
16	Quantitative Proteomics Identification of Seminal Fluid Proteins in Male <i>Drosophila melanogaster</i> . <i>Molecular and Cellular Proteomics</i> , 2019, 18, S46-S58.	3.8	66
17	Sperm competition. <i>Current Biology</i> , 2004, 14, R100-R103.	3.9	65
18	Developmental Environment Effects on Sexual Selection in Male and Female <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2016, 11, e0154468.	2.5	53

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19	Experimental Evolution of a Novel Sexually Antagonistic Allele. PLoS Genetics, 2012, 8, e1002917.	3.5	50
20	Insulin signalling regulates remating in female <i>Drosophila</i> . Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 424-431.	2.6	49
21	Differential effects of male nutrient balance on pre- and post-copulatory traits, and consequences for female reproduction in <i>Drosophila melanogaster</i> . Scientific Reports, 2016, 6, 27673.	3.3	48
22	Sperm success and immunity. Current Topics in Developmental Biology, 2019, 135, 287-313.	2.2	47
23	The effect of mating on immunity can be masked by experimental piercing in female <i>Drosophila melanogaster</i> . Journal of Insect Physiology, 2008, 54, 414-420.	2.0	46
24	Seminal fluid. Current Biology, 2017, 27, R404-R405.	3.9	44
25	Sex-specific responses to sexual familiarity, and the role of olfaction in <i>Drosophila</i> . Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131691.	2.6	43
26	Male reproductive aging arises via multifaceted mating-dependent sperm and seminal proteome declines, but is postponable in <i>Drosophila</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17094-17103.	7.1	39
27	No evidence that experimental manipulation of sexual conflict drives premating reproductive isolation in <i>Drosophila melanogaster</i> . Journal of Evolutionary Biology, 2006, 19, 1033-1039.	1.7	36
28	No evidence for precopulatory inbreeding avoidance in <i>Drosophila melanogaster</i> . Animal Behaviour, 2012, 83, 1433-1441.	1.9	30
29	PARENTAL AGE, GAMETIC AGE, AND INBREEDING INTERACT TO MODULATE OFFSPRING VIABILITY IN <i>DROSOPHILA MELANOGASTER</i> . Evolution; International Journal of Organic Evolution, 2013, 67, n/a-n/a.	2.3	29
30	BMP signaling inhibition in <i>Drosophila</i> secondary cells remodels the seminal proteome and self and rival ejaculate functions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24719-24728.	7.1	29
31	Sexual conflict and reproductive isolation in flies. Biology Letters, 2009, 5, 697-699.	2.3	28
32	FEMALE RESISTANCE TO MALE HARM EVOLVES IN RESPONSE TO MANIPULATION OF SEXUAL CONFLICT. Evolution; International Journal of Organic Evolution, 2004, 58, 1028.	2.3	27
33	Inbreeding removes sex differences in lifespan in a population of <i>Drosophila melanogaster</i> . Biology Letters, 2016, 12, 20160337.	2.3	27
34	Interactions between the developmental and adult social environments mediate group dynamics and offspring traits in <i>Drosophila melanogaster</i> . Scientific Reports, 2017, 7, 3574.	3.3	26
35	Sex peptide receptor-regulated polyandry modulates the balance of pre- and post-copulatory sexual selection in <i>Drosophila</i> . Nature Communications, 2019, 10, 283.	12.8	26
36	Related male <i>Drosophila melanogaster</i> reared together as larvae fight less and sire longer lived daughters. Ecology and Evolution, 2015, 5, 2787-2797.	1.9	25

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37	The developmental environment modulates mating-induced aggression and fighting success in adult female <i>Drosophila</i> . <i>Functional Ecology</i> , 2018, 32, 2542-2552.	3.6	25
38	Male relatedness and familiarity are required to modulate male-induced harm to females in <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170441.	2.6	24
39	Sperm competition. <i>Current Biology</i> , 2004, 14, R100-2.	3.9	24
40	Selflessness is sexy: reported helping behaviour increases desirability of men and women as long-term sexual partners. <i>BMC Evolutionary Biology</i> , 2013, 13, 182.	3.2	22
41	Experimental evolution under hyper-promiscuity in <i>Drosophila melanogaster</i> . <i>BMC Evolutionary Biology</i> , 2016, 16, 131.	3.2	16
42	<i>Drosophila</i> Sex Peptide controls the assembly of lipid microcarriers in seminal fluid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
43	Condition, not eyespan, predicts contest outcome in female stalk-eyed flies, <i>T. eleopsis dalmanni</i> . <i>Ecology and Evolution</i> , 2015, 5, 1826-1836.	1.9	14
44	The contrasting role of male relatedness in different mechanisms of sexual selection in red junglefowl. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 403-420.	2.3	14
45	Temporal and genetic variation in female aggression after mating. <i>PLoS ONE</i> , 2020, 15, e0229633.	2.5	13
46	Sex ratio and the evolution of aggression in fruit flies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203053.	2.6	12
47	Insulin signalling mediates the response to male-induced harm in female <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2016, 6, 30205.	3.3	10
48	Interactions between the sexual identity of the nervous system and the social environment mediate lifespan in <i>Drosophila melanogaster</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, .	2.6	10
49	“Hangry” <i>Drosophila</i> : food deprivation increases male aggression. <i>Animal Behaviour</i> , 2021, 177, 183-190.	1.9	9
50	Relatedness modulates density-dependent cannibalism rates in <i>Drosophila</i> . <i>Functional Ecology</i> , 2021, 35, 2707-2716.	3.6	9
51	Structural variation in <i>Drosophila melanogaster</i> spermathecal ducts and its association with sperm competition dynamics. <i>Royal Society Open Science</i> , 2020, 7, 200130.	2.4	5
52	Male condition influences female post mating aggression and feeding in <i>Drosophila</i> . <i>Functional Ecology</i> , 2021, 35, 1288-1298.	3.6	4
53	Experimental evolution under varying sex ratio and nutrient availability modulates male mating success in <i>Drosophila melanogaster</i> . <i>Biology Letters</i> , 2022, 18, .	2.3	3
54	Sex-specific responses to sexual familiarity, and the role of olfaction in <i>Drosophila</i> : a new analysis confirms original results. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140512.	2.6	1

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55	A resource-poor developmental diet reduces adult aggression in male <i>Drosophila melanogaster</i> . Behavioral Ecology and Sociobiology, 2021, 75, 110.	1.4	1
56	Temporal and genetic variation in female aggression after mating. , 2020, 15, e0229633.		0
57	Temporal and genetic variation in female aggression after mating. , 2020, 15, e0229633.		0
58	Temporal and genetic variation in female aggression after mating. , 2020, 15, e0229633.		0
59	Temporal and genetic variation in female aggression after mating. , 2020, 15, e0229633.		0