

Stuart Wigby

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

2,562
citations

26
h-index

50
g-index

67
ext. papers

3,099
ext. citations

6.2
avg, IF

5.23
L-index

#	Paper	IF	Citations
59	Sex peptide causes mating costs in female <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2005 , 15, 316-21	6.3	367
58	Seminal fluid protein allocation and male reproductive success. <i>Current Biology</i> , 2009 , 19, 751-7	6.3	258
57	The seminal symphony: how to compose an ejaculate. <i>Trends in Ecology and Evolution</i> , 2013 , 28, 414-22	10.9	203
56	Mating and immunity in invertebrates. <i>Trends in Ecology and Evolution</i> , 2007 , 22, 48-55	10.9	194
55	Female resistance to male harm evolves in response to manipulation of sexual conflict. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 1028-37	3.8	162
54	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, 9922-6	11.5	122
53	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, 2027-34	3.8	98
52	Feeding, fecundity and lifespan in female <i>Drosophila melanogaster</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008 , 275, 1675-83	4.4	96
51	The benefits of male ejaculate sex peptide transfer in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2009 , 22, 275-86	2.3	73
50	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, 4423-32	4.4	57
49	Within-group male relatedness reduces harm to females in <i>Drosophila</i> . <i>Nature</i> , 2014 , 505, 672-5	50.4	56
48	Sperm competition. <i>Current Biology</i> , 2004 , 14, R100-R103	6.3	53
47	Developmental environment mediates male seminal protein investment in. <i>Functional Ecology</i> , 2016 , 30, 410-419	5.6	49
46	Sperm and sex peptide stimulate aggression in female <i>Drosophila</i> . <i>Nature Ecology and Evolution</i> , 2017 , 1, 0154	12.3	47
45	Insulin signalling regulates remating in female <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 424-31	4.4	46
44	Sex-specific responses to sexual familiarity, and the role of olfaction in <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20131691	4.4	39
43	The effect of mating on immunity can be masked by experimental piercing in female <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2008 , 54, 414-20	2.4	38

42	Quantitative Proteomics Identification of Seminal Fluid Proteins in Male. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, S46-S58	7.6	38
41	Divergent allocation of sperm and the seminal proteome along a competition gradient in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17925-17933 ^{11.5}		37
40	Developmental Environment Effects on Sexual Selection in Male and Female <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2016 , 11, e0154468	3.7	36
39	Seminal fluid. <i>Current Biology</i> , 2017 , 27, R404-R405	6.3	35
38	Sperm success and immunity. <i>Current Topics in Developmental Biology</i> , 2019 , 135, 287-313	5.3	32
37	Differential effects of male nutrient balance on pre- and post-copulatory traits, and consequences for female reproduction in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2016 , 6, 27673	4.9	32
36	No evidence that experimental manipulation of sexual conflict drives premating reproductive isolation in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2006 , 19, 1033-9	2.3	30
35	Experimental evolution of a novel sexually antagonistic allele. <i>PLoS Genetics</i> , 2012 , 8, e1002917	6	28
34	Sexual conflict and reproductive isolation in flies. <i>Biology Letters</i> , 2009 , 5, 697-9	3.6	27
33	No evidence for precopulatory inbreeding avoidance in <i>Drosophila melanogaster</i> . <i>Animal Behaviour</i> , 2012 , 83, 1433-1441	2.8	25
32	Sperm competition. <i>Current Biology</i> , 2004 , 14, R100-2	6.3	24
31	Parental age, gametic age, and inbreeding interact to modulate offspring viability in <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 3043-51	3.8	23
30	Male relatedness and familiarity are required to modulate male-induced harm to females in. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	21
29	Related male <i>Drosophila melanogaster</i> reared together as larvae fight less and sire longer lived daughters. <i>Ecology and Evolution</i> , 2015 , 5, 2787-97	2.8	19
28	The seminal proteome and its role in postcopulatory sexual selection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020 , 375, 20200072	5.8	19
27	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	18
26	Sex peptide receptor-regulated polyandry modulates the balance of pre- and post-copulatory sexual selection in <i>Drosophila</i> . <i>Nature Communications</i> , 2019 , 10, 283	17.4	16
25	Inbreeding removes sex differences in lifespan in a population of <i>Drosophila melanogaster</i> . <i>Biology Letters</i> , 2016 , 12,	3.6	15

24	Interactions between the developmental and adult social environments mediate group dynamics and offspring traits in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2017 , 7, 3574	4.9	15
23	Male reproductive aging arises via multifaceted mating-dependent sperm and seminal proteome declines, but is postponable in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17094-17103	11.5	14
22	FEMALE RESISTANCE TO MALE HARM EVOLVES IN RESPONSE TO MANIPULATION OF SEXUAL CONFLICT. <i>Evolution; International Journal of Organic Evolution</i> , 2004 , 58, 1028	3.8	14
21	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	3.8	13
20	The developmental environment modulates mating-induced aggression and fighting success in adult female. <i>Functional Ecology</i> , 2018 , 32, 2542-2552	5.6	13
19	BMP signaling inhibition in secondary cells remodels the seminal proteome and self and rival ejaculate functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24719-24728	11.5	12
18	Experimental evolution under hyper-promiscuity in <i>Drosophila melanogaster</i> . <i>BMC Evolutionary Biology</i> , 2016 , 16, 131	3	11
17	Condition, not eyespan, predicts contest outcome in female stalk-eyed flies, <i>Teleopsis dalmanni</i> . <i>Ecology and Evolution</i> , 2015 , 5, 1826-36	2.8	8
16	Interactions between the sexual identity of the nervous system and the social environment mediate lifespan in. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	7
15	Temporal and genetic variation in female aggression after mating. <i>PLoS ONE</i> , 2020 , 15, e0229633	3.7	6
14	Insulin signalling mediates the response to male-induced harm in female <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2016 , 6, 30205	4.9	5
13	Relatedness modulates density-dependent cannibalism rates in <i>Drosophila</i> . <i>Functional Ecology</i> , 2021 , 35, 2707	5.6	3
12	Ejaculate deterioration with male age, and its amelioration in <i>Drosophila</i>		2
11	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,	11.5	2
10	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	4.4	1
9	Male condition influences female post mating aggression and feeding in <i>Drosophila</i> . <i>Functional Ecology</i> , 2021 , 35, 1288-1298	5.6	1
8	Hangryb: food deprivation increases male aggression. <i>Animal Behaviour</i> , 2021 , 177, 183-190	2.8	1
7	Sex ratio and the evolution of aggression in fruit flies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20203053	4.4	1

- 6 Structural variation in spermathecal ducts and its association with sperm competition dynamics. *Royal Society Open Science*, **2020**, 7, 200130 3.3 0
- 5 A resource-poor developmental diet reduces adult aggression in male. *Behavioral Ecology and Sociobiology*, **2021**, 75, 110 2.5
- 4 Temporal and genetic variation in female aggression after mating **2020**, 15, e0229633
- 3 Temporal and genetic variation in female aggression after mating **2020**, 15, e0229633
- 2 Temporal and genetic variation in female aggression after mating **2020**, 15, e0229633
- 1 Temporal and genetic variation in female aggression after mating **2020**, 15, e0229633