

Tracey Chapman

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.

110
papers

8,302
citations

45
h-index

90
g-index

124
ext. papers

9,423
ext. citations

5.4
avg, IF

6.31
L-index

#	Paper	IF	Citations
110	Cost of mating in <i>Drosophila melanogaster</i> females is mediated by male accessory gland products. <i>Nature</i> , 1995 , 373, 241-4	50.4	1138
109	Sexual conflict. <i>Trends in Ecology and Evolution</i> , 2003 , 18, 41-47	10.9	851
108	The sex peptide of <i>Drosophila melanogaster</i> : female post-mating responses analyzed by using RNA interference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 9923-8	11.5	380
107	The evolution and significance of male mate choice. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 647-54	10.9	378
106	Sex peptide causes mating costs in female <i>Drosophila melanogaster</i> . <i>Current Biology</i> , 2005 , 15, 316-21	6.3	367
105	Seminal fluid-mediated fitness traits in <i>Drosophila</i> . <i>Heredity</i> , 2001 , 87, 511-21	3.6	350
104	Female fitness in <i>Drosophila melanogaster</i> : an interaction between the effect of nutrition and of encounter rate with males. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996 , 263, 755-9	4.4	323
103	Seminal fluid protein allocation and male reproductive success. <i>Current Biology</i> , 2009 , 19, 751-7	6.3	258
102	Functions and analysis of the seminal fluid proteins of male <i>Drosophila melanogaster</i> fruit flies. <i>Peptides</i> , 2004 , 25, 1477-90	3.8	187
101	Plastic responses of male <i>Drosophila melanogaster</i> to the level of sperm competition increase male reproductive fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 1705-11	4.4	175
100	Sex differences in the effect of dietary restriction on life span and mortality rates in female and male <i>Drosophila melanogaster</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2004 , 59, 3-9	6.4	169
99	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
98	Running with the Red Queen: the role of biotic conflicts in evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281,	4.4	150
97	Quick-change artists: male plastic behavioural responses to rivals. <i>Trends in Ecology and Evolution</i> , 2011 , 26, 467-73	10.9	137
96	Evolutionary conflicts of interest between males and females. <i>Current Biology</i> , 2006 , 16, R744-54	6.3	135
95	The role of male accessory gland protein Acp36DE in sperm competition in <i>Drosophila melanogaster</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000 , 267, 1097-105	4.4	124
94	Effects of body size, accessory gland and testis size on pre- and postcopulatory success in <i>Drosophila melanogaster</i> . <i>Animal Behaviour</i> , 2002 , 64, 915-921	2.8	103

93	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
92	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
91	Mating-induced inhibition of remating in female Mediterranean fruit flies <i>Ceratitidis capitata</i> . <i>Journal of Insect Physiology</i> , 1999 , 45, 1021-1028	2.4	94
90	Adult male nutrition and reproductive success in <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 3170-7	3.8	91
89	Sexual conflict and seminal fluid proteins: a dynamic landscape of sexual interactions. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014 , 7, a017533	10.2	88
88	Males use multiple, redundant cues to detect mating rivals. <i>Current Biology</i> , 2011 , 21, 617-22	6.3	78
87	Female nutritional status determines the magnitude and sign of responses to a male ejaculate signal in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2010 , 23, 157-65	2.3	75
86	Introduction. Sexual conflict: a new paradigm?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006 , 361, 229-34	5.8	74
85	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
84	The soup in my fly: evolution, form and function of seminal fluid proteins. <i>PLoS Biology</i> , 2008 , 6, e179	9.7	73
83	No reduction in the cost of mating for <i>Drosophila melanogaster</i> females mating with spermless males. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1993 , 253, 211-7	4.4	73
82	Exposure to rivals and plastic responses to sperm competition in <i>Drosophila melanogaster</i> . <i>Behavioral Ecology</i> , 2010 , 21, 317-321	2.3	69
81	The Acp26Aa seminal fluid protein is a modulator of early egg hatchability in <i>Drosophila melanogaster</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001 , 268, 1647-54	4.4	66
80	The conditional economics of sexual conflict. <i>Biology Letters</i> , 2009 , 5, 671-4	3.6	65
79	Mating and hormonal triggers regulate accessory gland gene expression in male <i>Drosophila</i> . <i>Journal of Insect Physiology</i> , 1997 , 43, 1117-1123	2.4	62
78	Costs and benefits of lifetime exposure to mating rivals in male <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013 , 67, 2413-22	3.8	60
77	No extension of lifespan by ablation of germ line in <i>Drosophila</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 939-47	4.4	58
76	Evolutionary biology and genetic techniques for insect control. <i>Evolutionary Applications</i> , 2016 , 9, 212-30	4.8	58

75	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
74	Gut microbiomes and reproductive isolation in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12767-12772	11.5	56
73	Increased density and male-male interactions reduce male longevity in the medfly, <i>Ceratitis capitata</i> . <i>Animal Behaviour</i> , 2002 , 63, 121-129	2.8	55
72	Sperm competition. <i>Current Biology</i> , 2004 , 14, R100-R103	6.3	53
71	Identification of genes expressed in the accessory glands of male Mediterranean Fruit Flies (<i>Ceratitis capitata</i>). <i>Insect Biochemistry and Molecular Biology</i> , 2006 , 36, 846-56	4.5	52
70	Remating and male-derived nutrients in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 1994 , 7, 51-69	2.3	52
69	Mechanisms underlying reproductive trade-offs: Costs of reproduction 2011 , 137-152		50
68	A mating plug protein reduces early female remating in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2010 , 56, 107-13	2.4	48
67	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
66	Genetic elimination of field-cage populations of Mediterranean fruit flies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281,	4.4	41
65	Remating in wild females of the Mediterranean fruit fly, <i>Ceratitis capitata</i> . <i>Animal Behaviour</i> , 2005 , 69, 771-776	2.8	41
64	Effects of male sterility on female remating in the mediterranean fruitfly, <i>Ceratitis capitata</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271 Suppl 4, S209-11	4.4	40
63	Evolution of ageing as a tangle of trade-offs: energy versus function. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20191604	4.4	39
62	Adaptation to experimental alterations of the operational sex ratio in populations of <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008 , 62, 401-12	3.8	39
61	Adaptations to sexual selection and sexual conflict: insights from experimental evolution and artificial selection. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010 , 365, 2541-8 ^{5.8}		37
60	Individual plastic responses by males to rivals reveal mismatches between behaviour and fitness outcomes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 2868-76	4.4	37
59	Male control of mating duration following exposure to rivals in fruitflies. <i>Journal of Insect Physiology</i> , 2013 , 59, 824-7	2.4	36
58	Effect of dietary components on larval life history characteristics in the medfly (<i>Ceratitis capitata</i> : Diptera, Tephritidae). <i>PLoS ONE</i> , 2014 , 9, e86029	3.7	36

57	Genomic responses to the socio-sexual environment in male exposed to conspecific rivals. <i>Rna</i> , 2017 , 23, 1048-1059	5.8	34
56	Sperm competitive ability and indices of lifetime reproductive success. <i>Evolution; International Journal of Organic Evolution</i> , 2010 , 64, 2746-57	3.8	33
55	The effect of diet, sex and mating status on longevity in Mediterranean fruit flies (<i>Ceratitis capitata</i>), Diptera: Tephritidae. <i>Experimental Gerontology</i> , 2005 , 40, 784-92	4.5	29
54	Age-dependent female responses to a male ejaculate signal alter demographic opportunities for selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20130428	4.4	28
53	Sexual conflict and reproductive isolation in flies. <i>Biology Letters</i> , 2009 , 5, 697-9	3.6	27
52	Lack of response to sex-peptide results in increased cost of mating in dunce <i>Drosophila melanogaster</i> females. <i>Journal of Insect Physiology</i> , 1996 , 42, 1007-1015	2.4	27
51	MicroRNAs influence reproductive responses by females to male sex peptide in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2014 , 198, 1603-19	4	26
50	Sex-specific selection on time to remate in <i>Drosophila melanogaster</i> . <i>Animal Behaviour</i> , 1998 , 56, 1267-1288	2.8	26
49	Sperm competition. <i>Current Biology</i> , 2004 , 14, R100-2	6.3	24
48	Experimental evolution reveals that sperm competition intensity selects for longer, more costly sperm. <i>Evolution Letters</i> , 2017 , 1, 102-113	5.3	23
47	Variation in adult sex ratio alters the association between courtship, mating frequency and paternity in the lek-forming fruitfly <i>Ceratitis capitata</i> . <i>Journal of Evolutionary Biology</i> , 2012 , 25, 1732-40	2.3	22
46	Vertically transmitted rhabdoviruses are found across three insect families and have dynamic interactions with their hosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	20
45	Implementing the sterile insect technique with RNA interference - a review. <i>Entomologia Experimentalis Et Applicata</i> , 2017 , 164, 155-175	2.1	19
44	Sexual Conflict: Mechanisms and Emerging Themes in Resistance Biology. <i>American Naturalist</i> , 2018 , 192, 217-229	3.7	19
43	Sexual conflict over remating interval is modulated by the pathway. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	17
42	Effect of competitive cues on reproductive morphology and behavioral plasticity in male fruitflies. <i>Behavioral Ecology</i> , 2016 , 27, 452-461	2.3	17
41	The role of complex cues in social and reproductive plasticity. <i>Behavioral Ecology and Sociobiology</i> , 2018 , 72, 124	2.5	17
40	Sexual conflict and interacting phenotypes: a quantitative genetic analysis of fecundity and copula duration in <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2014 , 68, 1651-60	3.8	17

39	Stalk-eyed flies. <i>Current Biology</i> , 2005 , 15, R533-5	6.3	16
38	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
37	Lifespan extension without fertility reduction following dietary addition of the autophagy activator Torin1 in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2018 , 13, e0190105	3.7	14
36	Comparison of alternative approaches for analysing multi-level RNA-seq data. <i>PLoS ONE</i> , 2017 , 12, e0182694	3.7	13
35	Manipulation of feeding regime alters sexual dimorphism for lifespan and reduces sexual conflict in. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	12
34	The role of species-specific sensory cues in male responses to mating rivals in fruitflies. <i>Ecology and Evolution</i> , 2017 , 7, 9247-9256	2.8	12
33	Microguards and micromessengers of the genome. <i>Heredity</i> , 2016 , 116, 125-34	3.6	11
32	Adaptation to divergent larval diets in the medfly, <i>Ceratitis capitata</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2017 , 71, 289-303	3.8	11
31	Control of seminal fluid protein expression via regulatory hubs in. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	11
30	Variation in the post-mating fitness landscape in fruit flies. <i>Journal of Evolutionary Biology</i> , 2017 , 30, 1250-1261	2.3	10
29	Divergence in Transcriptional and Regulatory Responses to Mating in Male and Female Fruitflies. <i>Scientific Reports</i> , 2019 , 9, 16100	4.9	10
28	A functioning ovary is not required for sex peptide to reduce receptivity to mating in <i>D. melanogaster</i> . <i>Journal of Insect Physiology</i> , 2007 , 53, 343-8	2.4	10
27	Sex-specific effects of developmental environment on reproductive trait expression in <i>Drosophila melanogaster</i> . <i>Ecology and Evolution</i> , 2012 , 2, 1362-70	2.8	9
26	Small RNA populations revealed by blocking rRNA fragments in <i>Drosophila melanogaster</i> reproductive tissues. <i>PLoS ONE</i> , 2018 , 13, e0191966	3.7	9
25	Transmission efficiency drives host-microbe associations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20200820	4.4	9
24	Reply to Obadia et al.: Effect of methyl paraben on host-microbiota interactions in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E4549-E4550	11.5	9
23	Resource-dependent evolution of female resistance responses to sexual conflict. <i>Evolution Letters</i> , 2020 , 4, 54-64	5.3	8
22	Reply to Rosenberg et al.: Diet, gut bacteria, and assortative mating in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E2154-E2155	11.5	7

21	No reduction of female sexual receptivity following mating in a stalk-eyed fly, <i>Cyrtodiopsis dalmanni</i> (Diptera: Diopsidae). <i>Journal of Evolutionary Biology</i> , 2002 , 15, 210-215	2.3	7
20	Sexual conflict and sex allocation. <i>Biology Letters</i> , 2009 , 5, 660-2	3.6	6
19	Genome-Wide Responses of Female Fruit Flies Subjected to Divergent Mating Regimes. <i>PLoS ONE</i> , 2013 , 8, e68136	3.7	6
18	Resource limitation and responses to rivals in males of the fruit fly <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2016 , 29, 2010-2021	2.3	6
17	Sex-Specific Responses of Life Span and Fitness to Variation in Developmental Versus Adult Diets in <i>Drosophila melanogaster</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 1431-1438	6.4	6
16	Diet, Gut Microbes and Host Mate Choice: Understanding the significance of microbiome effects on host mate choice requires a case by case evaluation. <i>BioEssays</i> , 2018 , 40, e1800053	4.1	6
15	Finding the right plugin: mosquitoes have the answer. <i>PLoS Biology</i> , 2009 , 7, e1000273	9.7	5
14	Transgenerational fitness effects of lifespan extension by dietary restriction in. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210701	4.4	5
13	Fitness benefits of dietary restriction. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20211787	4.4	4
12	Sexual Conflict and Evolutionary Psychology: Towards a Unified Framework. <i>Evolutionary Psychology</i> , 2015 , 1-28	0.2	3
11	Satyrization in <i>Drosophila</i> fruitflies. <i>Journal of Evolutionary Biology</i> , 2021 , 34, 319-330	2.3	3
10	Plastic male mating behavior evolves in response to the competitive environment. <i>Evolution; International Journal of Organic Evolution</i> , 2021 , 75, 101-115	3.8	3
9	Fitness consequences of redundant cues of competition in male. <i>Ecology and Evolution</i> , 2020 , 10, 5517-5526	2	2
8	Mate choice and gene expression signatures associated with nutritional adaptation in the medfly (<i>Ceratitis capitata</i>). <i>Scientific Reports</i> , 2019 , 9, 6704	4.9	1
7	Evolutionary biology: sterile saviours. <i>Current Biology</i> , 2008 , 18, R261-3	6.3	1
6	Transgenerational fitness effects of lifespan extension by dietary restriction in <i>Caenorhabditis elegans</i>		1
5	Characterisation of the symbionts in the Mediterranean fruitfly gut		1
4	Contribution of maternal effects to dietary selection in Mediterranean fruit flies. <i>Evolution; International Journal of Organic Evolution</i> , 2019 , 73, 278-292	3.8	1

3	Reproductive plasticity in both sexes interacts to determine mating behaviour and fecundity		1
2	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
1	Reproductive interference and Satyrization: mechanisms, outcomes and potential use for insect control.. <i>Journal of Pest Science</i> , 2022 , 95, 1023-1036	5.5	