# Tracey Chapman

## List of Publications by Year in Descending Order



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| 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 | Reproductive interference and Satyrisation: mechanisms, outcomes and potential use for insect control.. *Journal of Pest Science*, **2022**, 95, 1023-1036 | 5.5 | |
| 109 | Fitness benefits of dietary restriction. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20211787 | 4.4 | 4 |
| 108 | Transgenerational fitness effects of lifespan extension by dietary restriction in. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20210701 | 4.4 | 5 |
| 107 | Satyrization in Drosophila fruitflies. *Journal of Evolutionary Biology*, **2021**, 34, 319-330 | 2.3 | 3 |
| 106 | Plastic male mating behavior evolves in response to the competitive environment. *Evolution; International Journal of Organic Evolution*, **2021**, 75, 101-115 | 3.8 | 3 |
| 105 | Sex ratio and the evolution of aggression in fruit flies. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20203053 | 4.4 | 1 |
| 104 | Resource-dependent evolution of female resistance responses to sexual conflict. *Evolution Letters*, **2020**, 4, 54-64 | 5.3 | 8 |
| 103 | Transmission efficiency drives host-microbe associations. *Proceedings of the Royal Society B: Biological Sciences*, **2020**, 287, 20200820 | 4.4 | 9 |
| 102 | Sex-Specific Responses of Life Span and Fitness to Variation in Developmental Versus Adult Diets in Drosophila melanogaster. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2020**, 75, 1431-1438 | 6.4 | 6 |
| 101 | Fitness consequences of redundant cues of competition in male. *Ecology and Evolution*, **2020**, 10, 5517-5526 | 2.6 | 2 |
| 100 | Evolution of ageing as a tangle of trade-offs: energy versus function. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20191604 | 4.4 | 39 |
| 99 | Mate choice and gene expression signatures associated with nutritional adaptation in the medfly (Ceratitis capitata). *Scientific Reports*, **2019**, 9, 6704 | 4.9 | 1 |
| 98 | Divergence in Transcriptional and Regulatory Responses to Mating in Male and Female Fruitflies. *Scientific Reports*, **2019**, 9, 16100 | 4.9 | 10 |
| 97 | Contribution of maternal effects to dietary selection in Mediterranean fruit flies. *Evolution; International Journal of Organic Evolution*, **2019**, 73, 278-292 | 3.8 | 1 |
| 96 | Sex peptide receptor-regulated polyandry modulates the balance of pre- and post-copulatory sexual selection in Drosophila. *Nature Communications*, **2019**, 10, 283 | 17.4 | 16 |
| 95 | Reply to Rosenberg et al.: Diet, gut bacteria, and assortative mating in. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E2154-E2155 | 11.5 | 7 |
| 94 | The role of complex cues in social and reproductive plasticity. *Behavioral Ecology and Sociobiology*, **2018**, 72, 124 | 2.5 | 17 |

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| 93 | Lifespan extension without fertility reduction following dietary addition of the autophagy activator Torin1 in Drosophila melanogaster. *PLoS ONE*, **2018**, 13, e0190105 | 3.7 | 14 |
| 92 | Small RNA populations revealed by blocking rRNA fragments in Drosophila melanogaster reproductive tissues. *PLoS ONE*, **2018**, 13, e0191966 | 3.7 | 9 |
| 91 | Control of seminal fluid protein expression via regulatory hubs in. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285, | 4.4 | 11 |
| 90 | Diet, Gut Microbes and Host Mate Choice: Understanding the significance of microbiome effects on host mate choice requires a case by case evaluation. *BioEssays*, **2018**, 40, e1800053 | 4.1 | 6 |
| 89 | Sexual Conflict: Mechanisms and Emerging Themes in Resistance Biology. *American Naturalist*, **2018** , 192, 217-229 | 3.7 | 19 |
| 88 | Reply to Obadia et al.: Effect of methyl paraben on host-microbiota interactions in. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E4549-E4550 | 11.5 | 9 |
| 87 | Variation in the post-mating fitness landscape in fruit flies. *Journal of Evolutionary Biology*, **2017**, 30, 1250-1261 | 2.3 | 10 |
| 86 | Manipulation of feeding regime alters sexual dimorphism for lifespan and reduces sexual conflict in. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284, | 4.4 | 12 |
| 85 | Genomic responses to the socio-sexual environment in male exposed to conspecific rivals. *Rna*, **2017**, 23, 1048-1059 | 5.8 | 34 |
| 84 | Vertically transmitted rhabdoviruses are found across three insect families and have dynamic interactions with their hosts. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284, | 4.4 | 20 |
| 83 | Sexual conflict over remating interval is modulated by the pathway. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284, | 4.4 | 17 |
| 82 | The role of species-specific sensory cues in male responses to mating rivals in fruitflies. *Ecology and Evolution*, **2017**, 7, 9247-9256 | 2.8 | 12 |
| 81 | Implementing the sterile insect technique with RNA interference - a review. *Entomologia Experimentalis Et Applicata*, **2017**, 164, 155-175 | 2.1 | 19 |
| 80 | Experimental evolution reveals that sperm competition intensity selects for longer, more costly sperm. *Evolution Letters*, **2017**, 1, 102-113 | 5.3 | 23 |
| 79 | Gut microbiomes and reproductive isolation in. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 12767-12772 | 11.5 | 56 |
| 78 | Adaptation to divergent larval diets in the medfly, Ceratitis capitata. *Evolution; International Journal of Organic Evolution*, **2017**, 71, 289-303 | 3.8 | 11 |
| 77 | Comparison of alternative approaches for analysing multi-level RNA-seq data. *PLoS ONE*, **2017**, 12, e0182694 | 3.7 | 13 |
| 76 | Microguards and micromessengers of the genome. *Heredity*, **2016**, 116, 125-34 | 3.6 | 11 |

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| 75 | Effect of competitive cues on reproductive morphology and behavioral plasticity in male fruitflies. *Behavioral Ecology*, **2016**, 27, 452-461 | 2.3 | 17 |
| 74 | Resource limitation and responses to rivals in males of the fruit fly Drosophila melanogaster. *Journal of Evolutionary Biology*, **2016**, 29, 2010-2021 | 2.3 | 6 |
| 73 | Evolutionary biology and genetic techniques for insect control. *Evolutionary Applications*, **2016**, 9, 212-30 | 4.8 | 58 |
| 72 | Sexual Conflict and Evolutionary Psychology: Towards a Unified Framework. *Evolutionary Psychology*, **2015**, 1-28 | 0.2 | 3 |
| 71 | Running with the Red Queen: the role of biotic conflicts in evolution. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281, | 4.4 | 150 |
| 70 | Sexual conflict and interacting phenotypes: a quantitative genetic analysis of fecundity and copula duration in Drosophila melanogaster. *Evolution; International Journal of Organic Evolution*, **2014**, 68, 1651-60 | 3.8 | 17 |
| 69 | Sexual conflict and seminal fluid proteins: a dynamic landscape of sexual interactions. *Cold Spring Harbor Perspectives in Biology*, **2014**, 7, a017533 | 10.2 | 88 |
| 68 | Effect of dietary components on larval life history characteristics in the medfly (Ceratitis capitata: Diptera, Tephritidae). *PLoS ONE*, **2014**, 9, e86029 | 3.7 | 36 |
| 67 | MicroRNAs influence reproductive responses by females to male sex peptide in Drosophila melanogaster. *Genetics*, **2014**, 198, 1603-19 | 4 | 26 |
| 66 | Genetic elimination of field-cage populations of Mediterranean fruit flies. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281, | 4.4 | 41 |
| 65 | Costs and benefits of lifetime exposure to mating rivals in male Drosophila melanogaster. *Evolution; International Journal of Organic Evolution*, **2013**, 67, 2413-22 | 3.8 | 60 |
| 64 | Male control of mating duration following exposure to rivals in fruitflies. *Journal of Insect Physiology*, **2013**, 59, 824-7 | 2.4 | 36 |
| 63 | Age-dependent female responses to a male ejaculate signal alter demographic opportunities for selection. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20130428 | 4.4 | 28 |
| 62 | Genome-Wide Responses of Female Fruit Flies Subjected to Divergent Mating Regimes. *PLoS ONE*, **2013**, 8, e68136 | 3.7 | 6 |
| 61 | Variation in adult sex ratio alters the association between courtship, mating frequency and paternity in the lek-forming fruitfly Ceratitis capitata. *Journal of Evolutionary Biology*, **2012**, 25, 1732-40 | 2.3 | 22 |
| 60 | Sex peptide of Drosophila melanogaster males is a global regulator of reproductive processes in females. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 4423-32 | 4.4 | 57 |
| 59 | Sex-specific effects of developmental environment on reproductive trait expression in Drosophila melanogaster. *Ecology and Evolution*, **2012**, 2, 1362-70 | 2.8 | 9 |
| 58 | Individual plastic responses by males to rivals reveal mismatches between behaviour and fitness outcomes. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 2868-76 | 4.4 | 37 |

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| 57 | Quick-change artists: male plastic behavioural responses to rivals. *Trends in Ecology and Evolution*, **2011**, 26, 467-73 | 10.9 | 137 |
| 56 | The evolution and significance of male mate choice. *Trends in Ecology and Evolution*, **2011**, 26, 647-54 | 10.9 | 378 |
| 55 | Males use multiple, redundant cues to detect mating rivals. *Current Biology*, **2011**, 21, 617-22 | 6.3 | 78 |
| 54 | Insulin signalling regulates remating in female Drosophila. *Proceedings of the Royal Society B: Biological Sciences*, **2011**, 278, 424-31 | 4.4 | 46 |
| 53 | Mechanisms underlying reproductive trade-offs: Costs of reproduction **2011**, 137-152 | | 50 |
| 52 | Sperm competitive ability and indices of lifetime reproductive success. *Evolution; International Journal of Organic Evolution*, **2010**, 64, 2746-57 | 3.8 | 33 |
| 51 | Female nutritional status determines the magnitude and sign of responses to a male ejaculate signal in Drosophila melanogaster. *Journal of Evolutionary Biology*, **2010**, 23, 157-65 | 2.3 | 75 |
| 50 | Adaptations to sexual selection and sexual conflict: insights from experimental evolution and artificial selection. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2010**, 365, 2541-8 | 5.8 | 37 |
| 49 | Exposure to rivals and plastic responses to sperm competition in Drosophila melanogaster. *Behavioral Ecology*, **2010**, 21, 317-321 | 2.3 | 69 |
| 48 | A mating plug protein reduces early female remating in Drosophila melanogaster. *Journal of Insect Physiology*, **2010**, 56, 107-13 | 2.4 | 48 |
| 47 | Finding the right plugin: mosquitoes have the answer. *PLoS Biology*, **2009**, 7, e1000273 | 9.7 | 5 |
| 46 | The conditional economics of sexual conflict. *Biology Letters*, **2009**, 5, 671-4 | 3.6 | 65 |
| 45 | Sexual conflict and reproductive isolation in flies. *Biology Letters*, **2009**, 5, 697-9 | 3.6 | 27 |
| 44 | Sexual conflict and sex allocation. *Biology Letters*, **2009**, 5, 660-2 | 3.6 | 6 |
| 43 | Plastic responses of male Drosophila melanogaster to the level of sperm competition increase male reproductive fitness. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 1705-11 | 4.4 | 175 |
| 42 | Seminal fluid protein allocation and male reproductive success. *Current Biology*, **2009**, 19, 751-7 | 6.3 | 258 |
| 41 | The benefits of male ejaculate sex peptide transfer in Drosophila melanogaster. *Journal of Evolutionary Biology*, **2009**, 22, 275-86 | 2.3 | 73 |
| 40 | Evolutionary biology: sterile saviours. *Current Biology*, **2008**, 18, R261-3 | 6.3 | 1 |

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| 39 | The soup in my fly: evolution, form and function of seminal fluid proteins. *PLoS Biology*, **2008**, 6, e179 | 9.7 | 73 |
| 38 | Feeding, fecundity and lifespan in female Drosophila melanogaster. *Proceedings of the Royal Society B: Biological Sciences*, **2008**, 275, 1675-83 | 4.4 | 96 |
| 37 | Adaptation to experimental alterations of the operational sex ratio in populations of Drosophila melanogaster. *Evolution; International Journal of Organic Evolution*, **2008**, 62, 401-12 | 3.8 | 39 |
| 36 | Adult male nutrition and reproductive success in Drosophila melanogaster. *Evolution; International Journal of Organic Evolution*, **2008**, 62, 3170-7 | 3.8 | 91 |
| 35 | Ejaculate depletion patterns evolve in response to experimental manipulation of sex ratio in Drosophila melanogaster. *Evolution; International Journal of Organic Evolution*, **2007**, 61, 2027-34 | 3.8 | 98 |
| 34 | A functioning ovary is not required for sex peptide to reduce receptivity to mating in D. melanogaster. *Journal of Insect Physiology*, **2007**, 53, 343-8 | 2.4 | 10 |
| 33 | Evolutionary conflicts of interest between males and females. *Current Biology*, **2006**, 16, R744-54 | 6.3 | 135 |
| 32 | Introduction. Sexual conflict: a new paradigm?. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2006**, 361, 229-34 | 5.8 | 74 |
| 31 | No extension of lifespan by ablation of germ line in Drosophila. *Proceedings of the Royal Society B: Biological Sciences*, **2006**, 273, 939-47 | 4.4 | 58 |
| 30 | Identification of genes expressed in the accessory glands of male Mediterranean Fruit Flies (Ceratitis capitata). *Insect Biochemistry and Molecular Biology*, **2006**, 36, 846-56 | 4.5 | 52 |
| 29 | The effect of diet, sex and mating status on longevity in Mediterranean fruit flies (Ceratitis capitata), Diptera: Tephritidae. *Experimental Gerontology*, **2005**, 40, 784-92 | 4.5 | 29 |
| 28 | Sex peptide causes mating costs in female Drosophila melanogaster. *Current Biology*, **2005**, 15, 316-21 | 6.3 | 367 |
| 27 | Stalk-eyed flies. *Current Biology*, **2005**, 15, R533-5 | 6.3 | 16 |
| 26 | Remating in wild females of the Mediterranean fruit fly, Ceratitis capitata. *Animal Behaviour*, **2005**, 69, 771-776 | 2.8 | 41 |
| 25 | Effects of male sterility on female remating in the mediterranean fruitfly, Ceratitis capitata. *Proceedings of the Royal Society B: Biological Sciences*, **2004**, 271 Suppl 4, S209-11 | 4.4 | 40 |
| 24 | Sex differences in the effect of dietary restriction on life span and mortality rates in female and male Drosophila melanogaster. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2004**, 59, 3-9 | 6.4 | 169 |
| 23 | Female resistance to male harm evolves in response to manipulation of sexual conflict. *Evolution; International Journal of Organic Evolution*, **2004**, 58, 1028-37 | 3.8 | 162 |
| 22 | Sperm competition. *Current Biology*, **2004**, 14, R100-R103 | 6.3 | 53 |

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| 21 | Functions and analysis of the seminal fluid proteins of male Drosophila melanogaster fruit flies. *Peptides*, **2004**, 25, 1477-90 | 3.8 | 187 |
| 20 | Sperm competition. *Current Biology*, **2004**, 14, R100-2 | 6.3 | 24 |
| 19 | The sex peptide of Drosophila melanogaster: female post-mating responses analyzed by using RNA interference. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 9923-8 | 11.5 | 380 |
| 18 | Sexual conflict. *Trends in Ecology and Evolution*, **2003**, 18, 41-47 | 10.9 | 851 |
| 17 | No reduction of female sexual receptivity following mating in a stalk-eyed fly, Cyrtodiopsis dalmanni (Diptera: Diopsidae). *Journal of Evolutionary Biology*, **2002**, 15, 210-215 | 2.3 | 7 |
| 16 | Increased density and male–male interactions reduce male longevity in the medfly, Ceratitis capitata. *Animal Behaviour*, **2002**, 63, 121-129 | 2.8 | 55 |
| 15 | Effects of body size, accessory gland and testis size on pre- and postcopulatory success in Drosophila melanogaster. *Animal Behaviour*, **2002**, 64, 915-921 | 2.8 | 103 |
| 14 | Seminal fluid-mediated fitness traits in Drosophila. *Heredity*, **2001**, 87, 511-21 | 3.6 | 350 |
| 13 | The Acp26Aa seminal fluid protein is a modulator of early egg hatchability in Drosophila melanogaster. *Proceedings of the Royal Society B: Biological Sciences*, **2001**, 268, 1647-54 | 4.4 | 66 |
| 12 | The role of male accessory gland protein Acp36DE in sperm competition in Drosophila melanogaster. *Proceedings of the Royal Society B: Biological Sciences*, **2000**, 267, 1097-105 | 4.4 | 124 |
| 11 | Mating-induced inhibition of remating in female Mediterranean fruit flies Ceratitis capitata. *Journal of Insect Physiology*, **1999**, 45, 1021-1028 | 2.4 | 94 |
| 10 | Sex-specific selection on time to remate in Drosophila melanogaster. *Animal Behaviour*, **1998**, 56, 1267-1278 | 2.8 | 26 |
| 9 | Mating and hormonal triggers regulate accessory gland gene expression in male Drosophila. *Journal of Insect Physiology*, **1997**, 43, 1117-1123 | 2.4 | 62 |
| 8 | Female fitness in Drosophila melanogaster: an interaction between the effect of nutrition and of encounter rate with males. *Proceedings of the Royal Society B: Biological Sciences*, **1996**, 263, 755-9 | 4.4 | 323 |
| 7 | Lack of response to sex-peptide results in increased cost of mating in dunce Drosophila melanogaster females. *Journal of Insect Physiology*, **1996**, 42, 1007-1015 | 2.4 | 27 |
| 6 | Cost of mating in Drosophila melanogaster females is mediated by male accessory gland products. *Nature*, **1995**, 373, 241-4 | 50.4 | 1138 |
| 5 | Remating and male-derived nutrients in Drosophila melanogaster. *Journal of Evolutionary Biology*, **1994**, 7, 51-69 | 2.3 | 52 |
| 4 | No reduction in the cost of mating for Drosophila melanogaster females mating with spermless males. *Proceedings of the Royal Society B: Biological Sciences*, **1993**, 253, 211-7 | 4.4 | 73 |

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| 3 | Transgenerational fitness effects of lifespan extension by dietary restriction in Caenorhabditis elegans | 1 |
| 2 | Characterisation of the symbionts in the Mediterranean fruitfly gut | 1 |
| 1 | Reproductive plasticity in both sexes interacts to determine mating behaviour and fecundity | 1 |