# Mariana F Wolfner

## List of Publications by Year in Descending Order



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| 160 papers | 12,036 citations | 57 h-index | 108 g-index |
| 177 ext. papers | 14,118 ext. citations | 6.3 avg, IF | 6.57 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 160 | Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly.. *Science*, **2022**, 375, eabk2432 | 33.3 | 23 |
| 159 | The life history of sperm involves molecular continuity between male and female reproductive tracts.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2119899119 | 11.5 | 1 |
| 158 | A standardized nomenclature and atlas of the female terminalia of .. *Fly*, **2022**, 16, 128-151 | 1.3 | 1 |
| 157 | sex peptide regulates mated female midgut morphology and physiology. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118, | 11.5 | 13 |
| 156 | Upgraded CRISPR/Cas9 tools for tissue-specific mutagenesis in. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118, | 11.5 | 2 |
| 155 | X-ray fluorescence microscopy scanning of oocytes and eggs. *STAR Protocols*, **2021**, 2, 100247 | 1.4 | |
| 154 | Identification of a micropeptide and multiple secondary cell genes that modulate male reproductive success. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118, | 11.5 | 6 |
| 153 | She's got nerve: roles of octopamine in insect female reproduction. *Journal of Neurogenetics*, **2021**, 35, 132-153 | 1.6 | 6 |
| 152 | Differences in Postmating Transcriptional Responses between Conspecific and Heterospecific Matings in Drosophila. *Molecular Biology and Evolution*, **2021**, 38, 986-999 | 8.3 | 5 |
| 151 | The impact of mating and sugar feeding on blood-feeding physiology and behavior in the arbovirus vector mosquito Aedes aegypti. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0009815 | 4.8 | 3 |
| 150 | Versatile CRISPR/Cas9-mediated mosaic analysis by gRNA-induced crossing-over for unmodified genomes. *PLoS Biology*, **2021**, 19, e3001061 | 9.7 | 6 |
| 149 | Seminal fluid proteins induce transcriptome changes in the Aedes aegypti female lower reproductive tract.. *BMC Genomics*, **2021**, 22, 896 | 4.5 | 0 |
| 148 | Male reproductive aging arises via multifaceted mating-dependent sperm and seminal proteome declines, but is postponable in. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 17094-17103 | 11.5 | 14 |
| 147 | Dissecting Fertility Functions of a Chromosome Genes with CRISPR. *Genetics*, **2020**, 214, 977-990 | 4 | 2 |
| 146 | Plc21C is involved in calcium wave propagation during egg activation. *MicroPublication Biology*, **2020**, 2020, | 0.8 | 2 |
| 145 | seminal sex peptide associates with rival as well as own sperm, providing SP function in polyandrous females. *ELife*, **2020**, 9, | 8.9 | 7 |
| 144 | A calcium-mediated actin redistribution at egg activation in Drosophila. *Molecular Reproduction and Development*, **2020**, 87, 293-304 | 2.6 | 10 |

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| 143 | Post-ejaculatory modifications to sperm (PEMS). *Biological Reviews*, **2020**, 95, 365-392 | 13.5 | 26 |
| 142 | "Call and Response": A Case of Behavioral-Molecular Copulatory Dialogue?. *BioEssays*, **2020**, 42, e2000248 | 4.1 | 1 |
| 141 | Zinc Dynamics during Drosophila Oocyte Maturation and Egg Activation. *IScience*, **2020**, 23, 101275 | 6.1 | 7 |
| 140 | Behavior-related gene regulatory networks: A new level of organization in the brain. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 23270-23279 | 11.5 | 19 |
| 139 | Regulation of Trpm activation and calcium wave initiation during Drosophila egg activation. *Molecular Reproduction and Development*, **2020**, 87, 880-886 | 2.6 | 1 |
| 138 | It Takes Two to Tango: Including a Female Perspective in Reproductive Biology. *Integrative and Comparative Biology*, **2020**, 60, 796-813 | 2.8 | 7 |
| 137 | Interactions between the microbiome and mating influence the female's transcriptional profile in Drosophila melanogaster. *Scientific Reports*, **2020**, 10, 18168 | 4.9 | 7 |
| 136 | The seminal proteome and its role in postcopulatory sexual selection. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2020**, 375, 20200072 | 5.8 | 19 |
| 135 | Mating and blood-feeding induce transcriptome changes in the spermathecae of the yellow fever mosquito Aedes aegypti. *Scientific Reports*, **2020**, 10, 14899 | 4.9 | 7 |
| 134 | Evolution of Reproductive Behavior. *Genetics*, **2020**, 214, 49-73 | 4 | 20 |
| 133 | Sperm success and immunity. *Current Topics in Developmental Biology*, **2019**, 135, 287-313 | 5.3 | 32 |
| 132 | Co-opting evo-devo concepts for new insights into mechanisms of behavioural diversity. *Journal of Experimental Biology*, **2019**, 222, | 3 | 18 |
| 131 | Male accessory gland molecules inhibit harmonic convergence in the mosquito Aedes aegypti. *Current Biology*, **2019**, 29, R196-R197 | 6.3 | 13 |
| 130 | The Trpm channel mediates calcium influx during egg activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 18994-19000 | 11.5 | 17 |
| 129 | Female Genetic Contributions to Sperm Competition in. *Genetics*, **2019**, 212, 789-800 | 4 | 11 |
| 128 | Proteins, Transcripts, and Genetic Architecture of Seminal Fluid and Sperm in the Mosquito. *Molecular and Cellular Proteomics*, **2019**, 18, S6-S22 | 7.6 | 21 |
| 127 | Calcineurin-dependent Protein Phosphorylation Changes During Egg Activation in. *Molecular and Cellular Proteomics*, **2019**, 18, S145-S158 | 7.6 | 14 |
| 126 | Dynamic changes in ejaculatory bulb size during Drosophila melanogaster aging and mating. *Journal of Insect Physiology*, **2018**, 107, 152-156 | 2.4 | 4 |

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| 125 | The impact of ageing on male reproductive success in Drosophila melanogaster. *Experimental Gerontology*, **2018**, 103, 1-10 | 4.5 | 20 |
| 124 | Chemical Cues that Guide Female Reproduction in Drosophila melanogaster. *Journal of Chemical Ecology*, **2018**, 44, 750-769 | 2.7 | 37 |
| 123 | Insect Male Reproductive Glands and Their Products **2018**, 137-144 | | 8 |
| 122 | The lncRNA male-specific abdominal plays a critical role in Drosophila accessory gland development and male fertility. *PLoS Genetics*, **2018**, 14, e1007519 | 6 | 23 |
| 121 | Maternal Proteins That Are Phosphoregulated upon Egg Activation Include Crucial Factors for Oogenesis, Egg Activation and Embryogenesis in. *G3: Genes, Genomes, Genetics*, **2018**, 8, 3005-3018 | 3.2 | 2 |
| 120 | Meroistic oogenesis of Drosophila, in section in situ. *Molecular Reproduction and Development*, **2018**, 85, 287-287 | 2.6 | |
| 119 | Egg Activation **2018**, 1-10 | | |
| 118 | Long-term interaction between Drosophila sperm and sex peptide is mediated by other seminal proteins that bind only transiently to sperm. *Insect Biochemistry and Molecular Biology*, **2018**, 102, 43-51 | 4.5 | 24 |
| 117 | Male contributions during mating increase female survival in the disease vector mosquito Aedes aegypti. *Journal of Insect Physiology*, **2018**, 108, 1-9 | 2.4 | 33 |
| 116 | Reproductive behaviour: Make love, then war. *Nature Ecology and Evolution*, **2017**, 1, 174 | 12.3 | 4 |
| 115 | Intimate intimas: Positioning of copulatory organs in mating Drosophila. *Molecular Reproduction and Development*, **2017**, 84, 1117-1117 | 2.6 | 2 |
| 114 | Cleavage of the Drosophila seminal protein Acp36DE in mated females enhances its sperm storage activity. *Journal of Insect Physiology*, **2017**, 101, 66-72 | 2.4 | 12 |
| 113 | Roles of Female and Male Genotype in Post-Mating Responses in Drosophila melanogaster. *Journal of Heredity*, **2017**, 108, 740-753 | 2.4 | 24 |
| 112 | The Goddard and Saturn Genes Are Essential for Drosophila Male Fertility and May Have Arisen De Novo. *Molecular Biology and Evolution*, **2017**, 34, 1066-1082 | 8.3 | 22 |
| 111 | Drosophila mating, inside and out. *Molecular Reproduction and Development*, **2016**, 83, 653 | 2.6 | 1 |
| 110 | The Drosophila prage Gene, Required for Maternal Transcript Destabilization in Embryos, Encodes a Predicted RNA Exonuclease. *G3: Genes, Genomes, Genetics*, **2016**, 6, 1687-93 | 3.2 | 3 |
| 109 | Nature and Functions of Glands and Ducts in the Drosophila Reproductive Tract **2016**, 411-444 | | 3 |
| 108 | Candidate genetic modifiers of retinitis pigmentosa identified by exploiting natural variation in Drosophila. *Human Molecular Genetics*, **2016**, 25, 651-9 | 5.6 | 47 |

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| 107 | Spermatozoa in the Peak District. *Molecular Reproduction and Development*, **2016**, 83, 8-11 | 2.6 | 1 |
| 106 | Reproduction-Immunity Trade-Offs in Insects. *Annual Review of Entomology*, **2016**, 61, 239-56 | 21.8 | 231 |
| 105 | The Female Post-Mating Response Requires Genes Expressed in the Secondary Cells of the Male Accessory Gland in Drosophila melanogaster. *Genetics*, **2016**, 202, 1029-41 | 4 | 40 |
| 104 | Mating-Induced Transcriptome Changes in the Reproductive Tract of Female Aedes aegypti. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0004451 | 4.8 | 47 |
| 103 | Alfred Sturtevant Walks into a Bar: Gene Dosage, Gene Position, and Unequal Crossing Over in Drosophila. *Genetics*, **2016**, 204, 833-835 | 4 | 3 |
| 102 | The genetic architecture of the genome-wide transcriptional response to ER stress in the mouse. *PLoS Genetics*, **2015**, 11, e1004924 | 6 | 20 |
| 101 | Sex peptide receptor is required for the release of stored sperm by mated Drosophila melanogaster females. *Journal of Insect Physiology*, **2015**, 76, 1-6 | 2.4 | 24 |
| 100 | Longevity Genes Revealed by Integrative Analysis of Isoform-Specific daf-16/FoxO Mutants of Caenorhabditis elegans. *Genetics*, **2015**, 201, 613-29 | 4 | 49 |
| 99 | Retention of Ejaculate by Drosophila melanogaster Females Requires the Male-Derived Mating Plug Protein PEBme. *Genetics*, **2015**, 200, 1171-9 | 4 | 24 |
| 98 | On a matter of seminal importance. *BioEssays*, **2015**, 37, 142-7 | 4.1 | 54 |
| 97 | A calcium rise occurs as activating Drosophila eggs move through the female reproductive tract. *Molecular Reproduction and Development*, **2015**, 82, 501 | 2.6 | |
| 96 | Neuronal nitric oxide synthase in the lower reproductive tract of female Drosophila. *Molecular Reproduction and Development*, **2015**, 82, 265 | 2.6 | |
| 95 | Induction of excessive endoplasmic reticulum stress in the Drosophila male accessory gland results in infertility. *PLoS ONE*, **2015**, 10, e0119386 | 3.7 | 25 |
| 94 | Integrated 3D view of postmating responses by the Drosophila melanogaster female reproductive tract, obtained by micro-computed tomography scanning. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 8475-80 | 11.5 | 87 |
| 93 | Who Zooming Who? Seminal Fluids and Cryptic Female Choice in Diptera **2015**, 351-384 | | 10 |
| 92 | Heritable variation in courtship patterns in Drosophila melanogaster. *G3: Genes, Genomes, Genetics*, **2015**, 5, 531-9 | 3.2 | 29 |
| 91 | Don't pull the plug! the Drosophila mating plug preserves fertility. *Fly*, **2015**, 9, 62-7 | 1.3 | 17 |
| 90 | Calcium waves occur as Drosophila oocytes activate. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 791-6 | 11.5 | 57 |

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| 89 | Molecular characterization and evolution of a gene family encoding both female- and male-specific reproductive proteins in Drosophila. *Molecular Biology and Evolution*, **2014**, 31, 1554-67 | 8.3 | 27 |
| 88 | Mating regulates neuromodulator ensembles at nerve termini innervating the Drosophila reproductive tract. *Current Biology*, **2014**, 24, 731-7 | 6.3 | 48 |
| 87 | Mating-regulates reproductive-tract neuromodulators in Drosophila. *Molecular Reproduction and Development*, **2014**, 81, 567 | 2.6 | |
| 86 | Sexual conflict and seminal fluid proteins: a dynamic landscape of sexual interactions. *Cold Spring Harbor Perspectives in Biology*, **2014**, 7, a017533 | 10.2 | 88 |
| 85 | Identification and characterization of seminal fluid proteins in the Asian tiger mosquito, Aedes albopictus. *PLoS Neglected Tropical Diseases*, **2014**, 8, e2946 | 4.8 | 52 |
| 84 | Evolutionary rate covariation identifies new members of a protein network required for Drosophila melanogaster female post-mating responses. *PLoS Genetics*, **2014**, 10, e1004108 | 6 | 97 |
| 83 | Synthesis, depletion and cell-type expression of a protein from the male accessory glands of the dengue vector mosquito Aedes aegypti. *Journal of Insect Physiology*, **2014**, 70, 117-24 | 2.4 | 23 |
| 82 | A Drosophila protease cascade member, seminal metalloprotease-1, is activated stepwise by male factors and requires female factors for full activity. *Genetics*, **2014**, 196, 1117-29 | 4 | 24 |
| 81 | Neprilysins: an evolutionarily conserved family of metalloproteases that play important roles in reproduction in Drosophila. *Genetics*, **2014**, 196, 781-97 | 4 | 28 |
| 80 | Cytoplasmic polyadenylation is a major mRNA regulator during oogenesis and egg activation in Drosophila. *Developmental Biology*, **2013**, 383, 121-31 | 3.1 | 46 |
| 79 | Post-mating change in excretion by mated Drosophila melanogaster females is a long-term response that depends on sex peptide and sperm. *Journal of Insect Physiology*, **2013**, 59, 1024-30 | 2.4 | 46 |
| 78 | Large neurological component to genetic differences underlying biased sperm use in Drosophila. *Genetics*, **2013**, 193, 177-85 | 4 | 31 |
| 77 | Identification and function of proteolysis regulators in seminal fluid. *Molecular Reproduction and Development*, **2013**, 80, 80-101 | 2.6 | 92 |
| 76 | Molecular changes during egg activation. *Current Topics in Developmental Biology*, **2013**, 102, 267-92 | 5.3 | 47 |
| 75 | Calcium and egg activation in Drosophila. *Cell Calcium*, **2013**, 53, 10-5 | 4 | 35 |
| 74 | A novel function for the Hox gene Abd-B in the male accessory gland regulates the long-term female post-mating response in Drosophila. *PLoS Genetics*, **2013**, 9, e1003395 | 6 | 50 |
| 73 | Drosophila seminal protein ovulin mediates ovulation through female octopamine neuronal signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 17420-5 | 11.5 | 84 |
| 72 | Phospho-regulation pathways during egg activation in Drosophila melanogaster. *Genetics*, **2013**, 195, 171-80 | 4 | 7 |

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| 71 | Protein phosphorylation changes reveal new candidates in the regulation of egg activation and early embryogenesis in D. melanogaster. *Developmental Biology*, **2012**, 370, 125-34 | 3.1 | 35 |
| 70 | Duration and dose-dependency of female sexual receptivity responses to seminal fluid proteins in Aedes albopictus and Ae. aegypti mosquitoes. *Journal of Insect Physiology*, **2012**, 58, 1307-13 | 2.4 | 36 |
| 69 | The Drosophila melanogaster seminal fluid protease "seminase" regulates proteolytic and post-mating reproductive processes. *PLoS Genetics*, **2012**, 8, e1002435 | 6 | 85 |
| 68 | Temporally variable selection on proteolysis-related reproductive tract proteins in Drosophila. *Molecular Biology and Evolution*, **2012**, 29, 229-38 | 8.3 | 10 |
| 67 | A requirement for the neuromodulators octopamine and tyramine in Drosophila melanogaster female sperm storage. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 4562-7 | 11.5 | 41 |
| 66 | Insect seminal fluid proteins: identification and function. *Annual Review of Entomology*, **2011**, 56, 21-40 | 21.8 | 571 |
| 65 | Protein-specific manipulation of ejaculate composition in response to female mating status in Drosophila melanogaster. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 9922-6 | 11.5 | 122 |
| 64 | Functional genome annotation of Drosophila seminal fluid proteins using transcriptional genetic networks. *Genetical Research*, **2011**, 93, 387-95 | 1.1 | 24 |
| 63 | Towards a semen proteome of the dengue vector mosquito: protein identification and potential functions. *PLoS Neglected Tropical Diseases*, **2011**, 5, e989 | 4.8 | 90 |
| 62 | Precious essences: female secretions promote sperm storage in Drosophila. *PLoS Biology*, **2011**, 9, e1001191 | 9.7 | 50 |
| 61 | The genetic basis for male x female interactions underlying variation in reproductive phenotypes of Drosophila. *Genetics*, **2010**, 186, 1355-65 | 4 | 51 |
| 60 | Sex peptide is required for the efficient release of stored sperm in mated Drosophila females. *Genetics*, **2010**, 186, 595-600 | 4 | 93 |
| 59 | Battle and ballet: molecular interactions between the sexes in Drosophila. *Journal of Heredity*, **2009** , 100, 399-410 | 2.4 | 118 |
| 58 | A network of interactions among seminal proteins underlies the long-term postmating response in Drosophila. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 15384-9 | 11.5 | 121 |
| 57 | Seminal fluid protein allocation and male reproductive success. *Current Biology*, **2009**, 19, 751-7 | 6.3 | 258 |
| 56 | Seminal fluid protein depletion and replenishment in the fruit fly, : an ELISA-based method for tracking individual ejaculates. *Behavioral Ecology and Sociobiology*, **2009**, 63, 1505-1513 | 2.5 | 53 |
| 55 | YA is needed for proper nuclear organization to transition between meiosis and mitosis in Drosophila. *BMC Developmental Biology*, **2009**, 9, 43 | 3.1 | 9 |
| 54 | Acp36DE is required for uterine conformational changes in mated Drosophila females. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 15796-800 | 11.5 | 85 |

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| 53 | Molecular social interactions: Drosophila melanogaster seminal fluid proteins as a case study. *Advances in Genetics*, **2009**, 68, 23-56 | 3.3 | 56 |
| 52 | Ejaculatefemale and spermfemale interactions **2009**, 247-304 | | 90 |
| 51 | Identity and transfer of male reproductive gland proteins of the dengue vector mosquito, Aedes aegypti: potential tools for control of female feeding and reproduction. *Insect Biochemistry and Molecular Biology*, **2008**, 38, 176-89 | 4.5 | 125 |
| 50 | Mechanical stimulation by osmotic and hydrostatic pressure activates Drosophila oocytes in vitro in a calcium-dependent manner. *Developmental Biology*, **2008**, 316, 100-9 | 3.1 | 73 |
| 49 | Targeted gene deletion and phenotypic analysis of the Drosophila melanogaster seminal fluid protease inhibitor Acp62F. *Genetics*, **2008**, 178, 1605-14 | 4 | 58 |
| 48 | Post-mating gene expression profiles of female Drosophila melanogaster in response to time and to four male accessory gland proteins. *Genetics*, **2008**, 179, 1395-408 | 4 | 100 |
| 47 | Evidence for positive selection on Drosophila melanogaster seminal fluid protease homologs. *Molecular Biology and Evolution*, **2008**, 25, 497-506 | 8.3 | 45 |
| 46 | A role for Acp29AB, a predicted seminal fluid lectin, in female sperm storage in Drosophila melanogaster. *Genetics*, **2008**, 180, 921-31 | 4 | 71 |
| 45 | Transitioning from egg to embryo: triggers and mechanisms of egg activation. *Developmental Dynamics*, **2008**, 237, 527-44 | 2.9 | 147 |
| 44 | Wispy, the Drosophila homolog of GLD-2, is required during oogenesis and egg activation. *Genetics*, **2008**, 178, 2017-29 | 4 | 71 |
| 43 | Seminal influences: Drosophila Acps and the molecular interplay between males and females during reproduction. *Integrative and Comparative Biology*, **2007**, 47, 427-45 | 2.8 | 269 |
| 42 | Evolution of genes and genomes on the Drosophila phylogeny. *Nature*, **2007**, 450, 203-18 | 50.4 | 1586 |
| 41 | Seminal proteins but not sperm induce morphological changes in the Drosophila melanogaster female reproductive tract during sperm storage. *Journal of Insect Physiology*, **2007**, 53, 319-31 | 2.4 | 89 |
| 40 | Modulation of MAPK activities during egg activation in Drosophila. *Fly*, **2007**, 1, 222-7 | 1.3 | 18 |
| 39 | Sustained post-mating response in Drosophila melanogaster requires multiple seminal fluid proteins. *PLoS Genetics*, **2007**, 3, e238 | 6 | 122 |
| 38 | Evolution in the fast lane: rapidly evolving sex-related genes in Drosophila. *Genetics*, **2007**, 177, 1321-35 | 4 | 269 |
| 37 | An ectopic expression screen reveals the protective and toxic effects of Drosophila seminal fluid proteins. *Genetics*, **2007**, 175, 777-83 | 4 | 83 |
| 36 | The Drosophila calcipressin sarah is required for several aspects of egg activation. *Current Biology*, **2006**, 16, 1441-6 | 6.3 | 52 |

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|---|---|---|---|
| 35 | Predicted seminal astacin-like protease is required for processing of reproductive proteins in Drosophila melanogaster. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 18674-9 | 11.5 | 71 |
| 34 | Evidence for structural constraint on ovulin, a rapidly evolving Drosophila melanogaster seminal protein. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 18644-9 | 11.5 | 21 |
| 33 | Two cleavage products of the Drosophila accessory gland protein ovulin can independently induce ovulation. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 743-8 | 11.5 | 80 |
| 32 | Comparative structural modeling and inference of conserved protein classes in Drosophila seminal fluid. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 13542-7 | 11.5 | 108 |
| 31 | Mating, seminal fluid components, and sperm cause changes in vesicle release in the Drosophila female reproductive tract. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 6261-6 | 11.5 | 77 |
| 30 | Genes regulated by mating, sperm, or seminal proteins in mated female Drosophila melanogaster. *Current Biology*, **2004**, 14, 1509-14 | 6.3 | 248 |
| 29 | 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 |
| 28 | Sex determination: sex on the brain?. *Current Biology*, **2003**, 13, R101-3 | 6.3 | 12 |
| 27 | The developments between gametogenesis and fertilization: ovulation and female sperm storage in Drosophila melanogaster. *Developmental Biology*, **2003**, 256, 195-211 | 3.1 | 136 |
| 26 | An early role for the Drosophila melanogaster male seminal protein Acp36DE in female sperm storage. *Journal of Experimental Biology*, **2003**, 206, 3521-8 | 3 | 85 |
| 25 | The Drosophila melanogaster seminal fluid protein Acp62F is a protease inhibitor that is toxic upon ectopic expression. *Genetics*, **2002**, 160, 211-24 | 4 | 139 |
| 24 | Ovulation triggers activation of Drosophila oocytes. *Developmental Biology*, **2001**, 234, 416-24 | 3.1 | 93 |
| 23 | The Drosophila seminal fluid protein Acp26Aa stimulates release of oocytes by the ovary. *Current Biology*, **2000**, 10, 99-102 | 6.3 | 230 |
| 22 | Offsetting effects of Wolbachia infection and heat shock on sperm production in Drosophila simulans: analyses of fecundity, fertility and accessory gland proteins. *Genetics*, **2000**, 155, 167-78 | 4 | 121 |
| 21 | Wise, winsome, or weird? Mechanisms of sperm storage in female animals. *Current Topics in Developmental Biology*, **1999**, 41, 67-97 | 5.3 | 106 |
| 20 | Drosophila seminal fluid proteins enter the circulatory system of the mated female fly by crossing the posterior vaginal wall. *Insect Biochemistry and Molecular Biology*, **1999**, 29, 1043-52 | 4.5 | 93 |
| 19 | Nuclear entry of the Drosophila melanogaster nuclear lamina protein YA correlates with developmentally regulated changes in its phosphorylation state. *Developmental Biology*, **1999**, 210, 124-34 | 3.1 | 16 |
| 18 | Male seminal fluid proteins are essential for sperm storage in Drosophila melanogaster. *Genetics*, **1999**, 153, 837-44 | 4 | 114 |

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|---|---|---|---|
| 17 | Mated Drosophila melanogaster females require a seminal fluid protein, Acp36DE, to store sperm efficiently. *Genetics*, **1999**, 153, 845-57 | 4 | 214 |
| 16 | Tokens of love: functions and regulation of Drosophila male accessory gland products. *Insect Biochemistry and Molecular Biology*, **1997**, 27, 179-92 | 4.5 | 436 |
| 15 | New genes for male accessory gland proteins in Drosophila melanogaster. *Insect Biochemistry and Molecular Biology*, **1997**, 27, 825-34 | 4.5 | 101 |
| 14 | Localization of the Drosophila male accessory gland protein Acp36DE in the mated female suggests a role in sperm storage. *Insect Biochemistry and Molecular Biology*, **1996**, 26, 971-80 | 4.5 | 106 |
| 13 | Cost of mating in Drosophila melanogaster females is mediated by male accessory gland products. *Nature*, **1995**, 373, 241-4 | 50.4 | 1138 |
| 12 | Male and female cooperate in the prohormone-like processing of a Drosophila melanogaster seminal fluid protein. *Developmental Biology*, **1995**, 171, 694-702 | 3.1 | 87 |
| 11 | Cell type-specific gene expression in the Drosophila melanogaster male accessory gland. *Mechanisms of Development*, **1992**, 38, 33-40 | 1.7 | 74 |
| 10 | The Drosophila maternal-effect gene fs(1)Ya encodes a cell cycle-dependent nuclear envelope component required for embryonic mitosis. *Cell*, **1991**, 64, 49-62 | 56.2 | 65 |
| 9 | Structure, cell-specific expression, and mating-induced regulation of a Drosophila melanogaster male accessory gland gene. *Developmental Biology*, **1990**, 139, 134-48 | 3.1 | 60 |
| 8 | Synthesis of two Drosophila male accessory gland proteins and their fate after transfer to the female during mating. *Developmental Biology*, **1990**, 142, 465-75 | 3.1 | 129 |
| 7 | Localized heat-shock induction in Drosophila melanogaster. *The Journal of Experimental Zoology*, **1988**, 247, 279-84 | | 27 |
| 6 | Determination of male-specific gene expression in Drosophila accessory glands. *Developmental Biology*, **1988**, 126, 195-202 | 3.1 | 62 |
| 5 | Sequences expressed sex-specifically in Drosophila melanogaster adults. *Developmental Biology*, **1987**, 119, 242-51 | 3.1 | 70 |
| 4 | Seminal Plasma Plays Important Roles in Fertility88-108 | | 0 |
| 3 | Differences in post-mating transcriptional responses between conspecific and heterospecific matings in Drosophila | | 2 |
| 2 | Reproductive functions and genetic architecture of the seminal fluid and sperm proteomes of the mosquito Aedes aegypti | | 1 |
| 1 | Ejaculate deterioration with male age, and its amelioration in Drosophila | | 2 |