

# Patricia J Moore

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,308  
citations

257450  
24  
h-index

223800  
46  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2254  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Spatial organization of the assembly pathways of glycoproteins and complex polysaccharides in the Golgi apparatus of plants.. Journal of Cell Biology, 1991, 112, 589-602.  | 5.2  | 216       |
| 2  | Immunogold localization of the cell-wall-matrix polysaccharides rhamnogalacturonan I and xyloglucan during cell expansion and cytokinesis in Trifolium pratense L.; implication for secretory pathways. Planta, 1988, 174, 433-445.         | 3.2  | 209       |
| 3  | Balancing sexual selection through opposing mate choice and male competition. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 711-716.  | 2.6  | 185       |
| 4  | Immunogold Localization of Xyloglucan and Rhamnogalacturonan I in the Cell Walls of Suspension-Cultured Sycamore Cells. Plant Physiology, 1986, 82, 787-794.  | 4.8  | 147       |
| 5  | Sexual conflict and the evolution of female mate choice and male social dominance. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 517-523.   | 2.6  | 134       |
| 6  | Molecular evolutionary trends and feeding ecology diversification in the Hemiptera, anchored by the milkweed bug genome. Genome Biology, 2019, 20, 64.  | 8.8  | 114       |
| 7  | Odour conveys status on cockroaches. Nature, 1997, 389, 25-25.  | 27.8 | 93        |
| 8  | The Evolution of Interacting Phenotypes: Genetics and Evolution of Social Dominance. American Naturalist, 2002, 160, S186-S197.   | 2.1  | 92        |
| 9  | Developmental changes in plasmodesmata in transgenic tobacco expressing the movement protein of tobacco mosaic virus. Protoplasma, 1992, 170, 115-127.  | 2.1  | 88        |
| 10 | Separate and combined effects of nutrition during juvenile and sexual development on female life-history trajectories: the thrifty phenotype in a cockroach. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3257-3264. | 2.6  | 79        |
| 11 | CONSTRAINTS ON EVOLUTION AND POSTCOPULATORY SEXUAL SELECTION: TRADE-OFFS AMONG EJACULATE CHARACTERISTICS. Evolution; International Journal of Organic Evolution, 2004, 58, 1773-1780.   | 2.3  | 77        |
| 12 | Life-history trade-offs under different larval diets in <i>Drosophila suzukii</i> (Diptera: Drosophilidae). Physiological Entomology, 2015, 40, 2-9.  | 1.5  | 77        |
| 13 | Coadaptation of Prenatal and Postnatal Maternal Effects. American Naturalist, 2007, 170, 709-718.   | 2.1  | 64        |
| 14 | Dnmt1 is essential for egg production and embryo viability in the large milkweed bug, Oncopeltus fasciatus. Epigenetics and Chromatin, 2019, 12, 6.   | 3.9  | 62        |
| 15 | FEMALE STRATEGY DURING MATE CHOICE: THRESHOLD ASSESSMENT. Evolution; International Journal of Organic Evolution, 1988, 42, 387-391.   | 2.3  | 56        |
| 16 | Sexual conflict and cooperation under naturally occurring male enforced monogamy. Journal of Evolutionary Biology, 2003, 17, 443-452.   | 1.7  | 47        |
| 17 | Female Mate Preference and Sexual Conflict: Females Prefer Males That Have Had Fewer Consorts. American Naturalist, 2005, 165, S64-S71.   | 2.1  | 45        |
| 18 | Impact of heat stress on development and fertility of Drosophila suzukii Matsumura (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T   | 2.0  | 38        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Sperm competition and male ejaculate investment in <i>Nauphoeta cinerea</i> : effects of social environment during development. <i>Journal of Evolutionary Biology</i> , 2004, 18, 474-480. | 1.7 | 37        |
| 20 | Developmental constraints on the mode of reproduction in the facultatively parthenogenetic cockroach <i>Nauphoeta cinerea</i> . <i>Evolution &amp; Development</i> , 1999, 1, 90-99.        | 2.0 | 33        |
| 21 | Is a decline in offspring quality a necessary consequence of maternal age?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, S192-4.                             | 2.6 | 31        |
| 22 | Oosorption in response to poor food: complexity in the trade-off between reproduction and survival. <i>Ecology and Evolution</i> , 2011, 1, 37-45.  | 1.9 | 31        |
| 23 | Female Strategy During Mate Choice: Threshold Assessment. <i>Evolution; International Journal of Organic Evolution</i> , 1988, 42, 387.   | 2.3 | 30        |
| 24 | Sperm competition within a dominance hierarchy: investment in social status vs. investment in ejaculates. <i>Journal of Evolutionary Biology</i> , 2008, 21, 1290-1296.                     | 1.7 | 28        |
| 25 | A delay in age at first mating results in the loss of future reproductive potential via apoptosis. <i>Evolution &amp; Development</i> , 2005, 7, 216-222.                                   | 2.0 | 25        |
| 26 | Effects of mating delay and nutritional signals on resource recycling in a cyclically breeding cockroach. <i>Journal of Insect Physiology</i> , 2008, 54, 25-31.                            | 2.0 | 25        |
| 27 | Oosorption and migratory strategy of the milkweed bug, <i>Oncopeltus fasciatus</i> . <i>Animal Behaviour</i> , 2013, 86, 651-657.   | 1.9 | 24        |
| 28 | Interactions between the sexes: new perspectives on sexual selection and reproductive isolation. <i>Evolutionary Ecology</i> , 2009, 23, 71-91.   | 1.2 | 21        |
| 29 | A Simple Flight Mill for the Study of Tethered Flight in Insects. <i>Journal of Visualized Experiments</i> , 2015, , e53377.  | 0.3 | 18        |
| 30 | The role of maternal effects in adaptation to different diets. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 202-211.   | 1.6 | 17        |
| 31 | Whitefly Endosymbionts: Biology, Evolution, and Plant Virus Interactions. <i>Insects</i> , 2020, 11, 775.   | 2.2 | 17        |
| 32 | The essential role of Dnmt1 in gametogenesis in the large milkweed bug <i>Oncopeltus fasciatus</i> . <i>ELife</i> , 2021, 10, .   | 6.0 | 15        |
| 33 | Developmental flexibility and the effect of social environment on fertility and fecundity in parthenogenetic reproduction. <i>Evolution &amp; Development</i> , 2003, 5, 163-168.           | 2.0 | 13        |
| 34 | Female agreement over male attractiveness is not affected by cost of mating with experienced males. <i>Behavioral Ecology</i> , 2008, 19, 854-859.  | 2.2 | 13        |
| 35 | Debugging: Strategies and Considerations for Efficient RNAi-Mediated Control of the Whitefly <i>Bemisia tabaci</i> . <i>Insects</i> , 2020, 11, 723.  | 2.2 | 12        |
| 36 | More Than DNA Methylation: Does Pleiotropy Drive the Complex Pattern of Evolution of Dnmt1?. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .   | 2.2 | 12        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | The Cost of Keeping Eggs Fresh: Quantitative Genetic Variation in Females that Mate Late Relative to Sexual Maturation. <i>American Naturalist</i> , 2007, 169, 311-322.  | 2.1 | 11        |
| 38 | Variation in sperm size within and between ejaculates in a cockroach. <i>Functional Ecology</i> , 2007, 21, 598-602.  | 3.6 | 11        |
| 39 | A potential function for oocyte apoptosis in unmated <i>Nauphoeta cinerea</i> . <i>Physiological Entomology</i> , 2009, 34, 272-277.  | 1.5 | 9         |
| 40 | Reproductive physiology and behaviour. , 2014, , 78-91.   |     | 7         |
| 41 | CONSTRAINTS ON EVOLUTION AND POSTCOPULATORY SEXUAL SELECTION: TRADE-OFFS AMONG EJACULATE CHARACTERISTICS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1773.  | 2.3 | 6         |
| 42 | A study of the transit amplification divisions during spermatogenesis in <i>Oncopeltus fasciatus</i> to assess plasticity in sperm numbers or sperm viability under different diets. <i>Ecology and Evolution</i> , 2018, 8, 10460-10469. | 1.9 | 6         |
| 43 | Expression of desiccation-induced and lipoxygenase genes during the transition from the maturation to the germination phases in soybean somatic embryos. <i>Planta</i> , 1994, 194, 69-76.  | 3.2 | 5         |
| 44 | The trade-off between investment in weapons and fertility is mediated through spermatogenesis in the leaf-footed cactus bug <i>Narnia femorata</i> . <i>Ecology and Evolution</i> , 2021, 11, 8776-8782.                                  | 1.9 | 4         |
| 45 | Variation in mandible development and its relationship to dependence on parents across burying beetles. <i>Ecology and Evolution</i> , 2018, 8, 12832-12840.  | 1.9 | 2         |
| 46 | Chapter 4 Advances in Immunoelectron Microscopy. <i>Methods in Cell Biology</i> , 1995, 49, 45-56.  | 1.1 | 1         |
| 47 | High-quality host plant diets partially rescue female fecundity from a poor early start. <i>Royal Society Open Science</i> , 2022, 9, 211748.   | 2.4 | 1         |
| 48 | Does the scent of a potential mate prevent the resorption of oocytes by apoptosis in <i>Nauphoeta cinerea</i> ? <i>Insect Science</i> , 2009, 16, 393-398.  | 3.0 | 0         |