

# Mark A Mcpeek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1338607/publications.pdf>

Version: 2024-02-01

82

papers

11,774

citations

66343

42

h-index

62596

80

g-index

85

all docs

85

docs citations

85

times ranked

11832

citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Environmental Conditions during Development Affect Sexual Selection through Trait-Fitness Relationships. <i>American Naturalist</i> , 2022, 199, 34-50.   | 2.1 | 3         |
| 2  | Nectar dynamics and the coexistence of two plants that share a pollinator. <i>Oikos</i> , 2022, 2022, .   | 2.7 | 1         |
| 3  | Eco-evolutionary feedbacks among pollinators, herbivores, and their plant resources. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 1287-1300.                            | 2.3 | 4         |
| 4  | When Ecology Fails: How Reproductive Interactions Promote Species Coexistence. <i>Trends in Ecology and Evolution</i> , 2021, 36, 610-622.  | 8.7 | 22        |
| 5  | Integrating fundamental processes to understand eco-evolutionary community dynamics and patterns. <i>Functional Ecology</i> , 2021, 35, 2138-2155.  | 3.6 | 11        |
| 6  | The Evolution of Resource Provisioning in Pollination Mutualisms. <i>American Naturalist</i> , 2021, 198, 441-459.  | 2.1 | 4         |
| 7  | Mechanisms influencing the coexistence of multiple consumers and multiple resources: resource and apparent competition. <i>Ecological Monographs</i> , 2019, 89, e01328.                            | 5.4 | 23        |
| 8  | Disentangling ecologically equivalent from neutral species: The mechanisms of population regulation matter. <i>Journal of Animal Ecology</i> , 2019, 88, 1755-1765.                                 | 2.8 | 12        |
| 9  | Limiting Similarity? The Ecological Dynamics of Natural Selection among Resources and Consumers Caused by Both Apparent and Resource Competition. <i>American Naturalist</i> , 2019, 193, E92-E115. | 2.1 | 19        |
| 10 | Female mate preferences on high-dimensional shape variation for male species recognition traits. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1239-1250.                                      | 1.7 | 4         |
| 11 | The Ecological Dynamics of Natural Selection: Traits and the Coevolution of Community Structure. <i>American Naturalist</i> , 2017, 189, E91-E117.  | 2.1 | 60        |
| 12 | Mechanical and tactile incompatibilities cause reproductive isolation between two young damselfly species. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2410-2427.      | 2.3 | 36        |
| 13 | Multi-locus phylogeny and divergence time estimates of <i>Enallagma</i> damselflies (Odonata:). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i>   | 2.7 | 23        |
| 14 | How monkeys see a forest: genetic variation and population genetic structure of two forest primates. <i>Conservation Genetics</i> , 2015, 16, 559-569.  | 1.5 | 9         |
| 15 | Predation risk shapes thermal physiology of a predaceous damselfly. <i>Oecologia</i> , 2014, 176, 653-660.  | 2.0 | 50        |
| 16 | Keystone and Intraguild Predation, Intraspecific Density Dependence, and a Guild of Coexisting Consumers. <i>American Naturalist</i> , 2014, 183, E1-E16.   | 2.1 | 17        |
| 17 | Functional Annotation and Comparative Analysis of a Zygoteran Transcriptome. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 763-770.  | 1.8 | 5         |
| 18 | Niche versus neutrality in structuring the beta diversity of damselfly assemblages. <i>Freshwater Biology</i> , 2013, 58, 758-768.  | 2.4 | 31        |

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|----|---|-----|-----------|
| 19 | VI.16. Evolution of Communities. , 2013, , 599-604.   |     | 0         |
| 20 | Intraspecific density dependence and a guild of consumers coexisting on one resource. Ecology, 2012, 93, 2728-2735.   | 3.2 | 39        |
| 21 | Signature of ecological partitioning in the maintenance of damselfly diversity. Journal of Animal Ecology, 2011, 80, 1163-1173.   | 2.8 | 29        |
| 22 | SPECIES RECOGNITION AND PATTERNS OF POPULATION VARIATION IN THE REPRODUCTIVE STRUCTURES OF A DAMSELFLY GENUS. Evolution; International Journal of Organic Evolution, 2011, 65, 419-428. | 2.3 | 45        |
| 23 | Fish predation selects for reduced foraging activity. Behavioral Ecology and Sociobiology, 2011, 65, 241-247.   | 1.4 | 47        |
| 24 | Endangered species in small habitat patches can possess high genetic diversity: the case of the Tana River red colobus and mangabey. Conservation Genetics, 2010, 11, 1725-1735.        | 1.5 | 18        |
| 25 | EARLY BURSTS OF BODY SIZE AND SHAPE EVOLUTION ARE RARE IN COMPARATIVE DATA. Evolution; International Journal of Organic Evolution, 2010, 64, no-no.                                     | 2.3 | 672       |
| 26 | Survival selection imposed by predation on a physiological trait underlying escape speed. Functional Ecology, 2010, 24, 1306-1312.  | 3.6 | 33        |
| 27 | On the evidence for species coexistence: a critique of the coexistence program. Ecology, 2010, 91, 3153-3164.   | 3.2 | 197       |
| 28 | Experimental evidence for neutral community dynamics governing an insect assemblage. Ecology, 2010, 91, 847-857.  | 3.2 | 93        |
| 29 | THE CORRELATED EVOLUTION OF THREE-DIMENSIONAL REPRODUCTIVE STRUCTURES BETWEEN MALE AND FEMALE DAMSELFLIES. Evolution; International Journal of Organic Evolution, 2009, 63, 73-83.      | 2.3 | 94        |
| 30 | MODELING THREE-DIMENSIONAL MORPHOLOGICAL STRUCTURES USING SPHERICAL HARMONICS. Evolution; International Journal of Organic Evolution, 2009, 63, 1003-1016.                              | 2.3 | 195       |
| 31 | LIFE-HISTORY EVOLUTION WHEN LESTES DAMSELFLIES INVADED VERNAL PONDS. Evolution; International Journal of Organic Evolution, 2008, 62, 485-493.  | 2.3 | 23        |
| 32 | Life history plasticity to combined time and biotic constraints in <i>Lestes</i> damselflies from vernal and temporary ponds. Oikos, 2008, 117, 908-916.                                | 2.7 | 26        |
| 33 | Stronger compensatory growth in a permanentâ€‘pond <i>Lestes</i> damselfly relative to temporaryâ€‘pond <i>Lestes</i> . Oikos, 2008, 117, 245-254.                                      | 2.7 | 28        |
| 34 | The Tempo and Mode of Threeâ€‘Dimensional Morphological Evolution in Male Reproductive Structures. American Naturalist, 2008, 171, E158-E178.   | 2.1 | 140       |
| 35 | The Ecological Dynamics of Clade Diversification and Community Assembly. American Naturalist, 2008, 172, E270-E284.   | 2.1 | 277       |
| 36 | Winter compensatory growth under field conditions partly offsets low energy reserves before winter in a damselfly. Oikos, 2007, 116, 1975-1982.   | 2.7 | 32        |

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|----|---|-----|-----------|
| 37 | Clade Age and Not Diversification Rate Explains Species Richness among Animal Taxa. <i>American Naturalist</i> , 2007, 169, E97-E106.   | 2.1 | 190       |
| 38 | THE MACROEVOLUTIONARY CONSEQUENCES OF ECOLOGICAL DIFFERENCES AMONG SPECIES. <i>Palaeontology</i> , 2007, 50, 111-129.   | 2.2 | 45        |
| 39 | PHYSIOLOGICAL COSTS OF COMPENSATORY GROWTH IN A DAMSELFY. <i>Ecology</i> , 2006, 87, 1566-1574.   | 3.2 | 161       |
| 40 | COEXISTENCE OF THE NICHE AND NEUTRAL PERSPECTIVES IN COMMUNITY ECOLOGY. <i>Ecology</i> , 2006, 87, 1399-1410.   | 3.2 | 581       |
| 41 | THE EVOLUTION OF FEMALE MATING PREFERENCES: DIFFERENTIATION FROM SPECIES WITH PROMISCUOUS MALES CAN PROMOTE SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1967-1980. | 2.3 | 82        |
| 42 | What Hypotheses Are You Willing to Entertain?. <i>American Naturalist</i> , 2006, 168, S1-S3.   | 2.1 | 5         |
| 43 | Growth and Predation Risk in Green Frog Tadpoles ( <i>Rana clamitans</i> ): A Quantitative Genetic Analysis. <i>Copeia</i> , 2006, 2006, 478-488.   | 1.3 | 18        |
| 44 | A Tale of Two Diversifications: Reciprocal Habitat Shifts to Fill Ecological Space along the Pond Permanence Gradient. <i>American Naturalist</i> , 2006, 168, S50-S72.                                     | 2.1 | 85        |
| 45 | The evolution of female mating preferences: differentiation from species with promiscuous males can promote speciation. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1967-80.   | 2.3 | 21        |
| 46 | Alternative growth and energy storage responses to mortality threats in damselflies. <i>Ecology Letters</i> , 2005, 8, 1307-1316.   | 6.4 | 96        |
| 47 | PARALLEL EVOLUTION IN ECOLOGICAL AND REPRODUCTIVE TRAITS TO PRODUCE CRYPTIC DAMSELFY SPECIES ACROSS THE HOLARCTIC. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1976-1988.      | 2.3 | 42        |
| 48 | The community context of species' borders: ecological and evolutionary perspectives. <i>Oikos</i> , 2005, 108, 28-46.   | 2.7 | 323       |
| 49 | Simultaneous Quaternary Radiations of Three Damselfly Clades across the Holarctic. <i>American Naturalist</i> , 2005, 165, E78-E107.  | 2.1 | 100       |
| 50 | The dynamics of evolutionary stasis. <i>Paleobiology</i> , 2005, 31, 133-145.   | 2.0 | 308       |
| 51 | The Growth/Predation Risk Tradeoff: So What Is the Mechanism?. <i>American Naturalist</i> , 2004, 163, E88-E111.  | 2.1 | 173       |
| 52 | ANTIPREDATOR BEHAVIOR AND PHYSIOLOGY DETERMINE LESTES SPECIES TURNOVER ALONG THE POND-PERMANENCE GRADIENT. <i>Ecology</i> , 2003, 84, 3327-3338.  | 3.2 | 80        |
| 53 | PREDATORS AND LIFE HISTORIES SHAPE LESTES DAMSELFY ASSEMBLAGES ALONG A FRESHWATER HABITAT GRADIENT. <i>Ecology</i> , 2003, 84, 1576-1587.   | 3.2 | 119       |
| 54 | Phylogenies and Community Ecology. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002, 33, 475-505.   | 6.7 | 3,473     |

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|----|--|-----|-----------|
| 55 | PHYSIOLOGICAL AND BEHAVIORAL RESPONSES TO PREDATORS SHAPE THE GROWTH/PREDATION RISK TRADE-OFF IN DAMSELFLIES. <i>Ecology</i> , 2001, 82, 1535-1545.  | 3.2 | 177       |
| 56 | A general model of site-dependent population regulation: population-level regulation without individual-level interactions. <i>Oikos</i> , 2001, 94, 417-424.                                  | 2.7 | 67        |
| 57 | PREDISPOSED TO ADAPT? CLADE-LEVEL DIFFERENCES IN CHARACTERS AFFECTING SWIMMING PERFORMANCE IN DAMSELFLIES. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 2072-2080. | 2.3 | 27        |
| 58 | A Phylogenetic Perspective on Habitat Shifts and Diversity in the North American Enallagma Damselflies. <i>Systematic Biology</i> , 2000, 49, 697-712.   | 5.6 | 70        |
| 59 | PREDISPOSED TO ADAPT? CLADE-LEVEL DIFFERENCES IN CHARACTERS AFFECTING SWIMMING PERFORMANCE IN DAMSELFLIES. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 2072.      | 2.3 | 1         |
| 60 | BUILDING A REGIONAL SPECIES POOL: DIVERSIFICATION OF THE ENALLAGMA DAMSELFLIES IN EASTERN NORTH AMERICA. <i>Ecology</i> , 2000, 81, 904-920.   | 3.2 | 123       |
| 61 | Building a Regional Species Pool: Diversification of the Enallagma Damselflies in Eastern North America. <i>Ecology</i> , 2000, 81, 904.   | 3.2 | 35        |
| 62 | Biochemical Evolution Associated with Antipredator Adaptation in Damselflies. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1835.                                   | 2.3 | 12        |
| 63 | BIOCHEMICAL EVOLUTION ASSOCIATED WITH ANTIPREDATOR ADAPTATION IN DAMSELFLIES. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 1835-1845.                              | 2.3 | 31        |
| 64 | THE CONSEQUENCES OF CHANGING THE TOP PREDATOR IN A FOOD WEB: A COMPARATIVE EXPERIMENTAL APPROACH. <i>Ecological Monographs</i> , 1998, 68, 1-23.   | 5.4 | 143       |
| 65 | The Consequences of Changing the Top Predator in a Food Web: A Comparative Experimental Approach. <i>Ecological Monographs</i> , 1998, 68, 1.  | 5.4 | 149       |
| 66 | LIFE HISTORIES AND THE STRENGTHS OF SPECIES INTERACTIONS: COMBINING MORTALITY, GROWTH, AND FECUNDITY EFFECTS. <i>Ecology</i> , 1998, 79, 867-879.  | 3.2 | 186       |
| 67 | Measuring Phenotypic Selection on an Adaptation: Lamellae of Damselflies Experiencing Dragonfly Predation. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 459.       | 2.3 | 30        |
| 68 | MEASURING PHENOTYPIC SELECTION ON AN ADAPTATION: LAMELLAE OF DAMSELFLIES EXPERIENCING DRAGONFLY PREDATION. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 459-466.   | 2.3 | 61        |
| 69 | Linking Local Species Interactions to Rates of Speciation in Communities. <i>Ecology</i> , 1996, 77, 1355-1366.  | 3.2 | 58        |
| 70 | Trade-Offs, Food Web Structure, and the Coexistence of Habitat Specialists and Generalists. <i>American Naturalist</i> , 1996, 148, S124-S138.   | 2.1 | 121       |
| 71 | Adaptation to Predators in a New Community: Swimming Performance and Predator Avoidance in Damselflies. <i>Ecology</i> , 1996, 77, 617-629.  | 3.2 | 124       |
| 72 | MORPHOLOGICAL EVOLUTION MEDIATED BY BEHAVIOR IN THE DAMSELFLIES OF TWO COMMUNITIES. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 749-769.                          | 2.3 | 81        |

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|----|--|-----|-----------|
| 73 | Morphological Evolution Mediated by Behavior in the Damselflies of Two Communities. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 749.                        | 2.3 | 39        |
| 74 | Testing Hypotheses About Evolutionary Change on Single Branches of a Phylogeny Using Evolutionary Contrasts. <i>American Naturalist</i> , 1995, 145, 686-703.                            | 2.1 | 104       |
| 75 | Direct and Indirect Effects of Predators on Two Anuran Species along an Environmental Gradient. <i>Ecology</i> , 1994, 75, 1368-1382.  | 3.2 | 265       |
| 76 | The Evolution of Dispersal in Spatially and Temporally Varying Environments. <i>American Naturalist</i> , 1992, 140, 1010-1027.  | 2.1 | 696       |
| 77 | Behavioral Differences between Enallagma Species (Odonata) Influencing Differential Vulnerability to Predators. <i>Ecology</i> , 1990, 71, 1714-1726.                                    | 3.2 | 249       |
| 78 | Determination of Species Composition in the Enallagma Damselfly Assemblages of Permanent Lakes. <i>Ecology</i> , 1990, 71, 83-98.  | 3.2 | 252       |
| 79 | Predation Risk and The Foraging Behavior of Competing Stream Insects. <i>Ecology</i> , 1989, 70, 1811-1825.  | 3.2 | 244       |
| 80 | Differential Dispersal Tendencies among Enallagma damselflies (Odonata) Inhabiting Different Habitats. <i>Oikos</i> , 1989, 56, 187.   | 2.7 | 78        |
| 81 | The effects of density and relative size on the aggressive behaviour, movement and feeding of damselfly larvae (Odonata: Coenagrionidae). <i>Animal Behaviour</i> , 1987, 35, 1051-1061. | 1.9 | 89        |
| 82 | Character displacement when natural selection pushes in only one direction. <i>Ecological Monographs</i> , 0, , .  | 5.4 | 2         |