

# Daniel I Bolnick

## List of Publications by Year in descending order

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Version: 2024-02-01

146  
papers

20,716  
citations

20759

60  
h-index

11288

136  
g-index

174  
all docs

174  
docs citations

174  
times ranked

18565  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The Ecology of Individuals: Incidence and Implications of Individual Specialization. <i>American Naturalist</i> , 2003, 161, 1-28.   | 1.0 | 2,154     |
| 2  | Why intraspecific trait variation matters in community ecology. <i>Trends in Ecology and Evolution</i> , 2011, 26, 183-192.  | 4.2 | 1,809     |
| 3  | SCARED TO DEATH? THE EFFECTS OF INTIMIDATION AND CONSUMPTION IN PREDATOR-PREY INTERACTIONS. <i>Ecology</i> , 2005, 86, 501-509.  | 1.5 | 1,374     |
| 4  | The ecological causes of individual specialisation. <i>Ecology Letters</i> , 2011, 14, 948-958.  | 3.0 | 773       |
| 5  | Sympatric Speciation: Models and Empirical Evidence. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2007, 38, 459-487.  | 3.8 | 624       |
| 6  | Intraspecific competition drives increased resource use diversity within a natural population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 839-844.  | 1.2 | 611       |
| 7  | Predator-prey naïveté, antipredator behavior, and the ecology of predator invasions. <i>Oikos</i> , 2010, 119, 610-621.  | 1.2 | 561       |
| 8  | MEASURING INDIVIDUAL-LEVEL RESOURCE SPECIALIZATION. <i>Ecology</i> , 2002, 83, 2936-2941.  | 1.5 | 492       |
| 9  | Individual diet has sex-dependent effects on vertebrate gut microbiota. <i>Nature Communications</i> , 2014, 5, 4500.  | 5.8 | 464       |
| 10 | Microgeographic adaptation and the spatial scale of evolution. <i>Trends in Ecology and Evolution</i> , 2014, 29, 165-176.   | 4.2 | 413       |
| 11 | REVISITING THE CLASSICS: CONSIDERING NONCONSUMPTIVE EFFECTS IN TEXTBOOK EXAMPLES OF PREDATOR-PREY INTERACTIONS. <i>Ecology</i> , 2008, 89, 2416-2425.  | 1.5 | 401       |
| 12 | Comparative support for the niche variation hypothesis that more generalized populations also are more heterogeneous. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10075-10079. | 3.3 | 387       |
| 13 | An evolutionary ecology of individual differences. <i>Ecology Letters</i> , 2012, 15, 1189-1198.   | 3.0 | 380       |
| 14 | Many-to-One Mapping of Form to Function: A General Principle in Organismal Design?. <i>Integrative and Comparative Biology</i> , 2005, 45, 256-262.  | 0.9 | 375       |
| 15 | Ecological release from interspecific competition leads to decoupled changes in population and individual niche width. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1789-1797.                          | 1.2 | 351       |
| 16 | Assortative Mating in Animals. <i>American Naturalist</i> , 2013, 181, E125-E138.  | 1.0 | 327       |
| 17 | Dietary input of microbes and host genetic variation shape among-population differences in stickleback gut microbiota. <i>ISME Journal</i> , 2015, 9, 2515-2526.   | 4.4 | 291       |
| 18 | Individuals' diet diversity influences gut microbial diversity in two freshwater fish (threespine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf, 50 62 T  | 3.0 | 288       |

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|----|--|------|-----------|
| 19 | Non-random gene flow: an underappreciated force in evolution and ecology. <i>Trends in Ecology and Evolution</i> , 2012, 27, 659-665.  | 4.2  | 259       |
| 20 | CAN INTRASPECIFIC COMPETITION DRIVE DISRUPTIVE SELECTION? AN EXPERIMENTAL TEST IN NATURAL POPULATIONS OF STICKLEBACKS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 608-618.                               | 1.1  | 252       |
| 21 | The Many Faces of Fear: Comparing the Pathways and Impacts of Nonconsumptive Predator Effects on Prey Populations. <i>PLoS ONE</i> , 2008, 3, e2465.   | 1.1  | 250       |
| 22 | Mistaking geography for biology: inferring processes from species distributions. <i>Trends in Ecology and Evolution</i> , 2014, 29, 572-580.   | 4.2  | 225       |
| 23 | (Non)Parallel Evolution. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2018, 49, 303-330.  | 3.8  | 222       |
| 24 | Along the speciation continuum in sticklebacks. <i>Journal of Fish Biology</i> , 2009, 75, 2000-2036.  | 0.7  | 220       |
| 25 | Evolutionary Consequences of Many-to-One Mapping of Jaw Morphology to Mechanics in Labrid Fishes. <i>American Naturalist</i> , 2005, 165, E140-E154.   | 1.0  | 208       |
| 26 | Intraspecific competition favours niche width expansion in <i>Drosophila melanogaster</i> . <i>Nature</i> , 2001, 410, 463-466.  | 13.7 | 205       |
| 27 | NETWORK ANALYSIS REVEALS CONTRASTING EFFECTS OF INTRASPECIFIC COMPETITION ON INDIVIDUAL VS. POPULATION DIETS. <i>Ecology</i> , 2008, 89, 1981-1993.  | 1.5  | 205       |
| 28 | Systematic analysis of complex genetic interactions. <i>Science</i> , 2018, 360, .   | 6.0  | 201       |
| 29 | Demystifying the <i>rad</i> fad. <i>Molecular Ecology</i> , 2014, 23, 5937-5942.   | 2.0  | 199       |
| 30 | Contrasting effects of environment and genetics generate a continuum of parallel evolution. <i>Nature Ecology and Evolution</i> , 2017, 1, 158.  | 3.4  | 188       |
| 31 | Melanomacrophage Centers As a Histological Indicator of Immune Function in Fish and Other Poikilotherms. <i>Frontiers in Immunology</i> , 2017, 8, 827.  | 2.2  | 188       |
| 32 | PARALLEL AND NONPARALLEL ASPECTS OF ECOLOGICAL, PHENOTYPIC, AND GENETIC DIVERGENCE ACROSS REPLICATE POPULATION PAIRS OF LAKE AND STREAM STICKLEBACK. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 402-418. | 1.1  | 187       |
| 33 | TEMPO OF HYBRID INVIABILITY IN CENTRARCHID FISHES (TELEOSTEI: CENTRARCHIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1754-1767.  | 1.1  | 183       |
| 34 | SEXUAL DIMORPHISM AND ADAPTIVE SPECIATION: TWO SIDES OF THE SAME ECOLOGICAL COIN. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2433-2449.  | 1.1  | 182       |
| 35 | NATURAL SELECTION IN POPULATIONS SUBJECT TO A MIGRATION LOAD. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2229-2243.  | 1.1  | 181       |
| 36 | Major <i>Histocompatibility Complex class IIb</i> polymorphism influences gut microbiota composition and diversity. <i>Molecular Ecology</i> , 2014, 23, 4831-4845.  | 2.0  | 174       |

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|----|--|-----|-----------|
| 37 | Using $\delta^{13}\text{C}$ stable isotopes to quantify individual-level diet variation. <i>Oecologia</i> , 2007, 152, 643-654.  | 0.9 | 163       |
| 38 | Predictable Patterns of Disruptive Selection in Stickleback in Postglacial Lakes. <i>American Naturalist</i> , 2008, 172, 1-11.  | 1.0 | 162       |
| 39 | Reverse Evolution of Armor Plates in the Threespine Stickleback. <i>Current Biology</i> , 2008, 18, 769-774.   | 1.8 | 160       |
| 40 | <code>RI</code> : an <code>S</code> package for the analysis of individual specialization in resource use. <i>Methods in Ecology and Evolution</i> , 2013, 4, 1018-1023.                                 | 2.2 | 155       |
| 41 | PHENOTYPE-DEPENDENT NATIVE HABITAT PREFERENCE FACILITATES DIVERGENCE BETWEEN PARAPATRIC LAKE AND STREAM STICKLEBACK. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2004-2016. | 1.1 | 153       |
| 42 | Using Functional Morphology to Examine the Ecology and Evolution of Specialization. <i>Integrative and Comparative Biology</i> , 2002, 42, 265-277.  | 0.9 | 148       |
| 43 | EVOLUTIONARY DYNAMICS OF COMPLEX BIOMECHANICAL SYSTEMS: AN EXAMPLE USING THE FOUR-BAR MECHANISM. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 495-503.                       | 1.1 | 148       |
| 44 | Evaluation of TagSeq, a reliable low-cost alternative for <code>RNA</code> seq. <i>Molecular Ecology Resources</i> , 2016, 16, 1315-1321.  | 2.2 | 145       |
| 45 | The community effects of phenotypic and genetic variation within a predator population. <i>Ecology</i> , 2011, 92, 1582-1593.  | 1.5 | 140       |
| 46 | FOSSIL CALIBRATIONS AND MOLECULAR DIVERGENCE TIME ESTIMATES IN CENTRARCHID FISHES (TELEOSTEI: Tj ETQ0 0 0 rgBT /Over   | 1.1 | 134       |
| 47 | Specialization of trophic position and habitat use by sticklebacks in an adaptive radiation. <i>Ecology</i> , 2010, 91, 1025-1034.   | 1.5 | 115       |
| 48 | Infectious diseases and social distancing in nature. <i>Science</i> , 2021, 371, .   | 6.0 | 108       |
| 49 | Accelerated Mitochondrial Evolution and "Darwin's Corollary": Asymmetric Viability of Reciprocal F1 Hybrids in Centrarchid Fishes. <i>Genetics</i> , 2008, 178, 1037-1048.                               | 1.2 | 106       |
| 50 | RESOURCE COMPETITION MODIFIES THE STRENGTH OF TRAIT-MEDIATED PREDATOR-PREY INTERACTIONS: A META-ANALYSIS. <i>Ecology</i> , 2005, 86, 2771-2779.  | 1.5 | 105       |
| 51 | EFFECTS OF FOUNDING GENETIC VARIATION ON ADAPTATION TO A NOVEL RESOURCE. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2481-2491.   | 1.1 | 98        |
| 52 | Individual-level diet variation in four species of Brazilian frogs. <i>Journal of Animal Ecology</i> , 2009, 78, 848-856.  | 1.3 | 96        |
| 53 | WAITING FOR SYMPATRIC SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 895-899.  | 1.1 | 87        |
| 54 | Causes of maladaptation. <i>Evolutionary Applications</i> , 2019, 12, 1229-1242.   | 1.5 | 85        |

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|----|--|------|-----------|
| 55 | The magnitude of local adaptation under genotype-dependent dispersal. <i>Ecology and Evolution</i> , 2013, 3, 4722-4735.   | 0.8  | 80        |
| 56 | Can intraspecific competition drive disruptive selection? An experimental test in natural populations of sticklebacks. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 608-18.                            | 1.1  | 80        |
| 57 | Multi-species outcomes in a common model of sympatric speciation. <i>Journal of Theoretical Biology</i> , 2006, 241, 734-744.  | 0.8  | 70        |
| 58 | Investigating phylogenetic relationships of sunfishes and black basses (Actinopterygii: Centrarchidae) using DNA sequences from mitochondrial and nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 344-357. | 1.2  | 69        |
| 59 | Resource dynamics influence the strength of nonconsumptive predator effects on prey. <i>Ecology Letters</i> , 2009, 12, 315-323.   | 3.0  | 69        |
| 60 | Asymmetric Male and Female Genetic Histories among Native Americans from Eastern North America. <i>Molecular Biology and Evolution</i> , 2006, 23, 2161-2174.  | 3.5  | 67        |
| 61 | Assortative Mating by Diet in a Phenotypically Unimodal but Ecologically Variable Population of Stickleback. <i>American Naturalist</i> , 2008, 172, 733-739.  | 1.0  | 66        |
| 62 | The evolution of hybrid fitness during speciation. <i>PLoS Genetics</i> , 2019, 15, e1008125.  | 1.5  | 66        |
| 63 | Resist Globally, Infect Locally: A Transcontinental Test of Adaptation by Stickleback and Their Tapeworm Parasite. <i>American Naturalist</i> , 2017, 189, 43-57.  | 1.0  | 61        |
| 64 | Understanding Maladaptation by Uniting Ecological and Evolutionary Perspectives. <i>American Naturalist</i> , 2019, 194, 495-515.  | 1.0  | 60        |
| 65 | Appreciating the Multiple Processes Increasing Individual or Population Fitness. <i>Trends in Ecology and Evolution</i> , 2019, 34, 435-446.   | 4.2  | 59        |
| 66 | Tempo of hybrid inviability in centrarchid fishes (Teleostei: Centrarchidae). <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1754-67.  | 1.1  | 59        |
| 67 | Frequency dependence limits divergent evolution by favouring rare immigrants over residents. <i>Nature</i> , 2017, 546, 285-288.   | 13.7 | 55        |
| 68 | FORAGING TRAIT (CO)VARIANCES IN STICKLEBACK EVOLVE DETERMINISTICALLY AND DO NOT PREDICT TRAJECTORIES OF ADAPTIVE DIVERSIFICATION. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 2265-77.                | 1.1  | 52        |
| 69 | Recent evolution of extreme cestode growth suppression by a vertebrate host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6575-6580.  | 3.3  | 52        |
| 70 | Intraspecific genetic variation and competition interact to influence niche expansion. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2915-2924.  | 1.2  | 51        |
| 71 | Resource diversity promotes among-individual diet variation, but not genomic diversity, in lake stickleback. <i>Ecology Letters</i> , 2020, 23, 495-505.   | 3.0  | 49        |
| 72 | Covarying variances: more morphologically variable populations also exhibit more diet variation. <i>Oecologia</i> , 2015, 178, 89-101.   | 0.9  | 45        |

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|----|---|-----|-----------|
| 73 | An immune challenge reduces social grooming in vampire bats. <i>Animal Behaviour</i> , 2018, 140, 141-149.  | 0.8 | 45        |
| 74 | Sickness effects on social interactions depend on the type of behaviour and relationship. <i>Journal of Animal Ecology</i> , 2020, 89, 1387-1394.   | 1.3 | 43        |
| 75 | Evidence for asymmetric migration load in a pair of ecologically divergent stickleback populations. <i>Biological Journal of the Linnean Society</i> , 2008, 94, 273-287.   | 0.7 | 42        |
| 76 | Parasite Microbiome Project: Systematic Investigation of Microbiome Dynamics within and across Parasite-Host Interactions. <i>MSystems</i> , 2017, 2, .   | 1.7 | 42        |
| 77 | Intrapopulation Diet Variation in Four Frogs (Leptodactylidae) of the Brazilian Savannah. <i>Copeia</i> , 2007, 2007, 855-865.  | 1.4 | 41        |
| 78 | The relationship between intraspecific assortative mating and reproductive isolation between divergent populations. <i>Environmental Epigenetics</i> , 2012, 58, 484-492.   | 0.9 | 41        |
| 79 | Contrasting Patterns of Phenotype-Dependent Parasitism within and among Populations of Threespine Stickleback. <i>American Naturalist</i> , 2014, 183, 810-825.   | 1.0 | 40        |
| 80 | Sympatric Speciation in Threespine Stickleback: Why Not?. <i>International Journal of Ecology</i> , 2011, 2011, 1-15.   | 0.3 | 39        |
| 81 | Does Intraspecific Size Variation in a Predator Affect Its Diet Diversity and Top-Down Control of Prey?. <i>PLoS ONE</i> , 2011, 6, e20782.   | 1.1 | 38        |
| 82 | Stepwise Threshold Clustering: A New Method for Genotyping MHC Loci Using Next-Generation Sequencing Technology. <i>PLoS ONE</i> , 2014, 9, e100587.  | 1.1 | 38        |
| 83 | Among-lake reciprocal transplants induce convergent expression of immune genes in threespine stickleback. <i>Molecular Ecology</i> , 2015, 24, 4629-4646.   | 2.0 | 37        |
| 84 | Many-to-one form-to-function mapping weakens parallel morphological evolution. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2738-2749.  | 1.1 | 37        |
| 85 | Evolutionary dynamics of complex biomechanical systems: an example using the four-bar mechanism. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 495-503.  | 1.1 | 37        |
| 86 | Gene Expression Contributes to the Recent Evolution of Host Resistance in a Model Host Parasite System. <i>Frontiers in Immunology</i> , 2017, 8, 1071.   | 2.2 | 36        |
| 87 | Ecological factors and morphological traits are associated with repeated genomic differentiation between lake and stream stickleback. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180241.        | 1.8 | 35        |
| 88 | PARTITIONING THE EFFECTS OF SPATIAL ISOLATION, NEST HABITAT, AND INDIVIDUAL DIET IN CAUSING ASSORTATIVE MATING WITHIN A POPULATION OF THREESPINE STICKLEBACK. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3582-3594. | 1.1 | 34        |
| 89 | Partitioning the effects of isolation by distance, environment, and physical barriers on genomic divergence between parapatric threespine stickleback. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 342-356.          | 1.1 | 32        |
| 90 | When Predators Don't Eat Their Prey: Nonconsumptive Predator Effects on Prey Dynamics <sup>1</sup> . <i>Ecology</i> , 2008, 89, 2414-2415.  | 1.5 | 31        |

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|-----|--|-----|-----------|
| 91  | Intraspecific competition reduces niche width in experimental populations. <i>Ecology and Evolution</i> , 2014, 4, 3978-3990.  | 0.8 | 31        |
| 92  | The gut microbiota response to helminth infection depends on host sex and genotype. <i>ISME Journal</i> , 2020, 14, 1141-1153.   | 4.4 | 31        |
| 93  | A multivariate view of parallel evolution. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1466-1481.   | 1.1 | 29        |
| 94  | Host-microbiota interaction helps to explain the bottom-up effects of climate change on a small rodent species. <i>ISME Journal</i> , 2020, 14, 1795-1808.   | 4.4 | 29        |
| 95  | What Causes Partial F1 Hybrid Viability? Incomplete Penetrance versus Genetic Variation. <i>PLoS ONE</i> , 2007, 2, e1294.   | 1.1 | 28        |
| 96  | Asymmetric selection and the evolution of extraordinary defences. <i>Nature Communications</i> , 2013, 4, 2085.  | 5.8 | 27        |
| 97  | Biased movement drives local cryptic coloration on distinct urban pavements. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191343.   | 1.2 | 26        |
| 98  | Natural selection on MHC II <sup>D</sup> in parapatric lake and stream stickleback: Balancing, divergent, both or neither?. <i>Molecular Ecology</i> , 2017, 26, 4772-4786.  | 2.0 | 25        |
| 99  | SEXUAL DIMORPHISM AND ADAPTIVE SPECIATION: TWO SIDES OF THE SAME ECOLOGICAL COIN. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2433.   | 1.1 | 24        |
| 100 | Character displacement is a pattern: so, what causes it?. <i>Biological Journal of the Linnean Society</i> , 2017, 121, 711-715.   | 0.7 | 23        |
| 101 | Fossil calibrations and molecular divergence time estimates in centrarchid fishes (Teleostei: Cichliformes). <i>Molecular Biology and Evolution</i> , 2014, 31, 1073-1083.   | 1.1 | 23        |
| 102 | The shape of the competition and carrying capacity kernels affects the likelihood of disruptive selection. <i>Journal of Theoretical Biology</i> , 2009, 259, 5-11.  | 0.8 | 22        |
| 103 | EVOLUTIONARY INFERENCES FROM THE ANALYSIS OF EXCHANGEABILITY. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 3429-3441.  | 1.1 | 21        |
| 104 | Scale-dependent effects of host patch traits on species composition in a stickleback parasite metacommunity. <i>Ecology</i> , 2020, 101, e03181.   | 1.5 | 21        |
| 105 | Phenotypic plasticity drives a depth gradient in male conspicuousness in threespine stickleback, <i>Gasterosteus aculeatus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2022-2036.   | 1.1 | 20        |
| 106 | Between-population differences in constitutive and infection-induced gene expression in threespine stickleback. <i>Molecular Ecology</i> , 2021, 30, 6791-6805.  | 2.0 | 20        |
| 107 | Differences in rheotactic responses contribute to divergent habitat use between parapatric lake and stream threespine stickleback. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2517-2524. | 1.1 | 19        |
| 108 | Plasticity contributes to a fine-scale depth gradient in sticklebacks' visual system. <i>Molecular Ecology</i> , 2017, 26, 4339-4350.  | 2.0 | 19        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Gene expression stasis and plasticity following migration into a foreign environment. <i>Molecular Ecology</i> , 2017, 26, 4657-4670.   | 2.0 | 18        |
| 110 | Host patch traits have scale-dependent effects on diversity in a stickleback parasite metacommunity. <i>Ecography</i> , 2020, 43, 990-1002.   | 2.1 | 18        |
| 111 | Repeatability of Adaptive Radiation Depends on Spatial Scale: Regional Versus Global Replicates of Stickleback in Lake Versus Stream Habitats. <i>Journal of Heredity</i> , 2020, 111, 43-56.   | 1.0 | 17        |
| 112 | Immune Gene Expression Covaries with Gut Microbiome Composition in Stickleback. <i>MBio</i> , 2021, 12, .   | 1.8 | 15        |
| 113 | Population-Specific Covariation between Immune Function and Color of Nesting Male Threespine Stickleback. <i>PLoS ONE</i> , 2015, 10, e0126000.   | 1.1 | 14        |
| 114 | Behavioural hypervolumes of spider communities predict community performance and disbandment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161409.   | 1.2 | 14        |
| 115 | Water availability alters the relative performance of <i>Salix sericea</i> , <i>Salix eriocephala</i> , and their F <sub>1</sub> hybrids. <i>Canadian Journal of Botany</i> , 1999, 77, 514-522.  | 1.2 | 13        |
| 116 | Female stickleback prefer shallow males: Sexual selection on nest microhabitat. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1643-1653.   | 1.1 | 13        |
| 117 | Intruder colour and light environment jointly determine how nesting male stickleback respond to simulated territorial intrusions. <i>Biology Letters</i> , 2016, 12, 20160467.  | 1.0 | 13        |
| 118 | Interacting phenotypes and the coevolutionary process: Interspecific indirect genetic effects alter coevolutionary dynamics. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 429-444.                          | 1.1 | 13        |
| 119 | Dietary niche and population dynamic feedbacks in a novel habitat. <i>Oikos</i> , 2012, 121, 347-356.   | 1.2 | 12        |
| 120 | The genomic signature of ecological divergence along the benthic-limnetic axis in allopatric and sympatric threespine stickleback. <i>Molecular Ecology</i> , 2021, 30, 451-463.  | 2.0 | 12        |
| 121 | What evolutionary processes maintain MHC diversity within and among populations of stickleback?. <i>Molecular Ecology</i> , 2021, 30, 1659-1671.  | 2.0 | 12        |
| 122 | Brain morphology of the threespine stickleback ( <i>Gasterosteus aculeatus</i> ) varies inconsistently with respect to habitat complexity: A test of the Clever Foraging Hypothesis. <i>Ecology and Evolution</i> , 2017, 7, 3372-3380. | 0.8 | 11        |
| 123 | Microhabitat contributes to microgeographic divergence in threespine stickleback. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 749-763.   | 1.1 | 11        |
| 124 | Male and female reproductive fitness costs of an immune response in natural populations <sup>*</sup> . <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2509-2523.  | 1.1 | 11        |
| 125 | Macroevolutionary foundations of a recently evolved innate immune defense. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2600-2612.  | 1.1 | 10        |
| 126 | Copy number variation of a fatty acid desaturase gene <i>Fads2</i> associated with ecological divergence in freshwater stickleback populations. <i>Biology Letters</i> , 2021, 17, 20210204.  | 1.0 | 10        |



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|-----|--|-----|-----------|
| 127 | CAN INTRASPECIFIC COMPETITION DRIVE DISRUPTIVE SELECTION? AN EXPERIMENTAL TEST IN NATURAL POPULATIONS OF STICKLEBACKS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 608.                                     | 1.1 | 9         |
| 128 | Widespread positive but weak assortative mating by diet within stickleback populations. <i>Ecology and Evolution</i> , 2015, 5, 3352-3363.   | 0.8 | 9         |
| 129 | Immune-challenged vampire bats produce fewer contact calls. <i>Biology Letters</i> , 2020, 16, 20200272.   | 1.0 | 9         |
| 130 | Nothing in Evolution Makes Sense Except in the Light of Biology. <i>BioScience</i> , 2021, 71, 370-382.  | 2.2 | 9         |
| 131 | Population-level variation in parasite resistance due to differences in immune initiation and rate of response. <i>Evolution Letters</i> , 2022, 6, 162-177.   | 1.6 | 9         |
| 132 | Clines Arc through Multivariate Morphospace. <i>American Naturalist</i> , 2017, 189, 354-367.  | 1.0 | 8         |
| 133 | FOSSIL CALIBRATIONS AND MOLECULAR DIVERGENCE TIME ESTIMATES IN CENTRARCHID FISHES (TELEOSTEI: Tj ETQq1 1 0.784314 1.1 6  | 1.1 | 6         |
| 134 | WAITING FOR SYMPATRIC SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 895.  | 1.1 | 5         |
| 135 | Opsin expression predicts male nuptial color in threespine stickleback. <i>Ecology and Evolution</i> , 2018, 8, 7094-7102.   | 0.8 | 5         |
| 136 | Intergeneric Spawning Between Captive Female Sacramento Perch ( <i>Archoplites interruptus</i> ) and Male Rock Bass ( <i>Ambloplites rupestris</i> ), Teleostei: Centrarchidae. <i>American Midland Naturalist</i> , 2006, 156, 299-304. | 0.2 | 4         |
| 137 | Complex community-wide consequences of consumer sexual dimorphism. <i>Journal of Animal Ecology</i> , 2022, 91, 958-969.   | 1.3 | 4         |
| 138 | MEASURING INDIVIDUAL-LEVEL RESOURCE SPECIALIZATION. , 2002, 83, 2936.  |     | 3         |
| 139 | Learning Objectives for Weaving Evolutionary Thinking into Medical Education. <i>Medical Science Educator</i> , 2017, 27, 137-145.   | 0.7 | 2         |
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