

Elizabeth Borer

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

15,703
citations

29994

54
h-index

19690

117
g-index

172
all docs

172
docs citations

172
times ranked

16485
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Network structure of resource use and niche overlap within the endophytic microbiome. <i>ISME Journal</i> , 2022, 16, 435-446. | 4.4 | 28 |
| 2 | Nutrient enrichment increases invertebrate herbivory and pathogen damage in grasslands. <i>Journal of Ecology</i> , 2022, 110, 327-339. | 1.9 | 25 |
| 3 | Soil carbon stocks in temperate grasslands differ strongly across sites but are insensitive to decade-long fertilization. <i>Global Change Biology</i> , 2022, 28, 1659-1677. | 4.2 | 34 |
| 4 | Pitfalls and pointers: An accessible guide to marker gene amplicon sequencing in ecological applications. <i>Methods in Ecology and Evolution</i> , 2022, 13, 266-277. | 2.2 | 6 |
| 5 | Long-term nitrogen enrichment mediates the effects of nitrogen supply and co-inoculation on a viral pathogen. <i>Ecology and Evolution</i> , 2022, 12, e8450. | 0.8 | 1 |
| 6 | Nutrients and herbivores impact grassland stability across spatial scales through different pathways. <i>Global Change Biology</i> , 2022, 28, 2678-2688. | 4.2 | 18 |
| 7 | Disease-mediated nutrient dynamics: Coupling host-pathogen interactions with ecosystem elements and energy. <i>Ecological Monographs</i> , 2022, 92, . | 2.4 | 11 |
| 8 | Global Grassland Diazotrophic Communities Are Structured by Combined Abiotic, Biotic, and Spatial Distance Factors but Resilient to Fertilization. <i>Frontiers in Microbiology</i> , 2022, 13, 821030. | 1.5 | 1 |
| 9 | Seasonal shifts from plant diversity to consumer control of grassland productivity. <i>Ecology Letters</i> , 2022, 25, 1215-1224. | 3.0 | 8 |
| 10 | Nitrogen increases early-stage and slows late-stage decomposition across diverse grasslands. <i>Journal of Ecology</i> , 2022, 110, 1376-1389. | 1.9 | 12 |
| 11 | Nutrient identity modifies the destabilising effects of eutrophication in grasslands. <i>Ecology Letters</i> , 2022, 25, 754-765. | 3.0 | 17 |
| 12 | Nitrogen deposition and climate: an integrated synthesis. <i>Trends in Ecology and Evolution</i> , 2022, 37, 541-552. | 4.2 | 25 |
| 13 | Impacts of nutrient addition on soil carbon and nitrogen stoichiometry and stability in globally-distributed grasslands. <i>Biogeochemistry</i> , 2022, 159, 353-370. | 1.7 | 5 |
| 14 | Realistic rates of nitrogen addition increase carbon flux rates but do not change soil carbon stocks in a temperate grassland. <i>Global Change Biology</i> , 2022, 28, 4819-4831. | 4.2 | 16 |
| 15 | Nitrogen but not phosphorus addition affects symbiotic N ₂ fixation by legumes in natural and semi-natural grasslands located on four continents. <i>Plant and Soil</i> , 2022, 478, 689-707. | 1.8 | 11 |
| 16 | Plant diversity and litter accumulation mediate the loss of foliar endophyte fungal richness following nutrient addition. <i>Ecology</i> , 2021, 102, e03210. | 1.5 | 10 |
| 17 | Elements of disease in a changing world: modelling feedbacks between infectious disease and ecosystems. <i>Ecology Letters</i> , 2021, 24, 6-19. | 3.0 | 15 |
| 18 | Increasing effects of chronic nutrient enrichment on plant diversity loss and ecosystem productivity over time. <i>Ecology</i> , 2021, 102, e03218. | 1.5 | 62 |

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|----|--|-----|-----------|
| 19 | Foliar fungi and plant diversity drive ecosystem carbon fluxes in experimental prairies. <i>Ecology Letters</i> , 2021, 24, 487-497. | 3.0 | 15 |
| 20 | Pliant pathogens: Estimating viral spread when confronted with new vector, host, and environmental conditions. <i>Ecology and Evolution</i> , 2021, 11, 1877-1887. | 0.8 | 3 |
| 21 | Rich dynamics of a simple delay host-pathogen model of cell-to-cell infection for plant virus. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2021, 26, 515-539. | 0.5 | 2 |
| 22 | Changing elemental cycles, stoichiometric mismatches, and consequences for pathogens of primary producers. <i>Oikos</i> , 2021, 130, 1046-1055. | 1.2 | 5 |
| 23 | Community change can buffer chronic nitrogen impacts, but multiple nutrients tip the scale. <i>Ecology</i> , 2021, 102, e03355. | 1.5 | 6 |
| 24 | Mixed infection, risk projection, and misdirection: Interactions among pathogens alter links between host resources and disease. <i>Ecology and Evolution</i> , 2021, 11, 9599-9609. | 0.8 | 3 |
| 25 | Nitrogen and phosphorus fertilization consistently favor pathogenic over mutualistic fungi in grassland soils. <i>Nature Communications</i> , 2021, 12, 3484. | 5.8 | 116 |
| 26 | Species loss due to nutrient addition increases with spatial scale in global grasslands. <i>Ecology Letters</i> , 2021, 24, 2100-2112. | 3.0 | 13 |
| 27 | Spatial turnover of multiple ecosystem functions is more associated with plant than soil microbial β -diversity. <i>Ecosphere</i> , 2021, 12, e03644. | 1.0 | 12 |
| 28 | Negative effects of nitrogen override positive effects of phosphorus on grassland legumes worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 40 |
| 29 | Soil nutrients increase long-term soil carbon gains threefold on retired farmland. <i>Global Change Biology</i> , 2021, 27, 4909-4920. | 4.2 | 17 |
| 30 | Temporal rarity is a better predictor of local extinction risk than spatial rarity. <i>Ecology</i> , 2021, 102, e03504. | 1.5 | 14 |
| 31 | Lessons from movement ecology for the return to work: Modeling contacts and the spread of COVID-19. <i>PLoS ONE</i> , 2021, 16, e0242955. | 1.1 | 6 |
| 32 | Soil properties as key predictors of global grassland production: Have we overlooked micronutrients?. <i>Ecology Letters</i> , 2021, 24, 2713-2725. | 3.0 | 28 |
| 33 | Opposing community assembly patterns for dominant and nondominant plant species in herbaceous ecosystems globally. <i>Ecology and Evolution</i> , 2021, 11, 17744-17761. | 0.8 | 8 |
| 34 | MIMIX: A Bayesian Mixed-Effects Model for Microbiome Data From Designed Experiments. <i>Journal of the American Statistical Association</i> , 2020, 115, 599-609. | 1.8 | 19 |
| 35 | Effects of nitrogen and phosphorus addition on microbial community composition and element cycling in a grassland soil. <i>Soil Biology and Biochemistry</i> , 2020, 151, 108041. | 4.2 | 103 |
| 36 | Nutritional constraints on brain evolution: Sodium and nitrogen limit brain size. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2304-2319. | 1.1 | 6 |

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|----|---|-----|-----------|
| 37 | Host nutrition mediates interactions between plant viruses, altering transmission and predicted disease spread. <i>Ecology</i> , 2020, 101, e03155. | 1.5 | 8 |
| 38 | Global impacts of fertilization and herbivore removal on soil net nitrogen mineralization are modulated by local climate and soil properties. <i>Global Change Biology</i> , 2020, 26, 7173-7185. | 4.2 | 25 |
| 39 | General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. <i>Nature Communications</i> , 2020, 11, 5375. | 5.8 | 75 |
| 40 | Grassland ecosystem recovery after soil disturbance depends on nutrient supply rate. <i>Ecology Letters</i> , 2020, 23, 1756-1765. | 3.0 | 29 |
| 41 | Vector demography, dispersal and the spread of disease: Experimental epidemics under elevated resource supply. <i>Functional Ecology</i> , 2020, 34, 2560-2570. | 1.7 | 9 |
| 42 | Nutrients cause grassland biomass to outpace herbivory. <i>Nature Communications</i> , 2020, 11, 6036. | 5.8 | 35 |
| 43 | Biodiversity enhances the multitrophic control of arthropod herbivory. <i>Science Advances</i> , 2020, 6, . | 4.7 | 68 |
| 44 | Traffic influences nutritional quality of roadside plants for monarch caterpillars. <i>Science of the Total Environment</i> , 2020, 724, 138045. | 3.9 | 20 |
| 45 | Disease-mediated ecosystem services: Pathogens, plants, and people. <i>Trends in Ecology and Evolution</i> , 2020, 35, 731-743. | 4.2 | 42 |
| 46 | Microbial processing of plant remains is coâ€limited by multiple nutrients in global grasslands. <i>Global Change Biology</i> , 2020, 26, 4572-4582. | 4.2 | 27 |
| 47 | Dominant native and nonâ€native graminoids differ in key leaf traits irrespective of nutrient availability. <i>Global Ecology and Biogeography</i> , 2020, 29, 1126-1138. | 2.7 | 11 |
| 48 | Nutrient availability controls the impact of mammalian herbivores on soil carbon and nitrogen pools in grasslands. <i>Global Change Biology</i> , 2020, 26, 2060-2071. | 4.2 | 43 |
| 49 | Nutrient addition increases grassland sensitivity to droughts. <i>Ecology</i> , 2020, 101, e02981. | 1.5 | 44 |
| 50 | Microbial carbon use efficiency in grassland soils subjected to nitrogen and phosphorus additions. <i>Soil Biology and Biochemistry</i> , 2020, 146, 107815. | 4.2 | 58 |
| 51 | Contrasting effects of plant diversity on $\delta^{15}N$ and $\delta^{13}C$ diversity of grassland invertebrates. <i>Ecology</i> , 2020, 101, e03057. | 1.5 | 6 |
| 52 | Strong mineralogic control of soil organic matter composition in response to nutrient addition across diverse grassland sites. <i>Science of the Total Environment</i> , 2020, 736, 137839. | 3.9 | 29 |
| 53 | Climate and local environment structure asynchrony and the stability of primary production in grasslands. <i>Global Ecology and Biogeography</i> , 2020, 29, 1177-1188. | 2.7 | 41 |
| 54 | Effects of nutrient supply, herbivory, and host community on fungal endophyte diversity. <i>Ecology</i> , 2019, 100, e02758. | 1.5 | 22 |

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|----|---|-----|-----------|
| 55 | Cross-scale dynamics in community and disease ecology: relative timescales shape the community ecology of pathogens. <i>Ecology</i> , 2019, 100, e02836. | 1.5 | 17 |
| 56 | Soil net nitrogen mineralisation across global grasslands. <i>Nature Communications</i> , 2019, 10, 4981. | 5.8 | 57 |
| 57 | Species interactions affect the spread of vector-borne plant pathogens independent of transmission mode. <i>Ecology</i> , 2019, 100, e02782. | 1.5 | 27 |
| 58 | More salt, please: global patterns, responses and impacts of foliar sodium in grasslands. <i>Ecology Letters</i> , 2019, 22, 1136-1144. | 3.0 | 42 |
| 59 | Pathogens manipulate the preference of vectors, slowing disease spread in a multi-host system. <i>Ecology Letters</i> , 2019, 22, 1115-1125. | 3.0 | 24 |
| 60 | Sensitivity of global soil carbon stocks to combined nutrient enrichment. <i>Ecology Letters</i> , 2019, 22, 936-945. | 3.0 | 75 |
| 61 | Belowground Biomass Response to Nutrient Enrichment Depends on Light Limitation Across Globally Distributed Grasslands. <i>Ecosystems</i> , 2019, 22, 1466-1477. | 1.6 | 34 |
| 62 | Stability of grassland production is robust to changes in the consumer food web. <i>Ecology Letters</i> , 2019, 22, 707-716. | 3.0 | 20 |
| 63 | Site-specific responses of foliar fungal microbiomes to nutrient addition and herbivory at different spatial scales. <i>Ecology and Evolution</i> , 2019, 9, 12231-12244. | 0.8 | 15 |
| 64 | Nitrogen and Phosphorus Additions Alter the Abundance of Phosphorus-Solubilizing Bacteria and Phosphatase Activity in Grassland Soils. <i>Frontiers in Environmental Science</i> , 2019, 7, . | 1.5 | 63 |
| 65 | Leaf nutrients, not specific leaf area, are consistent indicators of elevated nutrient inputs. <i>Nature Ecology and Evolution</i> , 2019, 3, 400-406. | 3.4 | 97 |
| 66 | Modeling nutrient and disease dynamics in a plant-pathogen system. <i>Mathematical Biosciences and Engineering</i> , 2019, 16, 234-264. | 1.0 | 8 |
| 67 | Nutrients and environment influence arbuscular mycorrhizal colonization both independently and interactively in <i>Schizachyrium scoparium</i> . <i>Plant and Soil</i> , 2018, 425, 493-506. | 1.8 | 25 |
| 68 | Genesis, goals and achievements of Long-Term Ecological Research at the global scale: A critical review of ILTER and future directions. <i>Science of the Total Environment</i> , 2018, 626, 1439-1462. | 3.9 | 191 |
| 69 | Herbivory and eutrophication mediate grassland plant nutrient responses across a global climatic gradient. <i>Ecology</i> , 2018, 99, 822-831. | 1.5 | 42 |
| 70 | Herbivores safeguard plant diversity by reducing variability in dominance. <i>Journal of Ecology</i> , 2018, 106, 101-112. | 1.9 | 40 |
| 71 | Biodiversity change is uncoupled from species richness trends: Consequences for conservation and monitoring. <i>Journal of Applied Ecology</i> , 2018, 55, 169-184. | 1.9 | 435 |
| 72 | Local loss and spatial homogenization of plant diversity reduce ecosystem multifunctionality. <i>Nature Ecology and Evolution</i> , 2018, 2, 50-56. | 3.4 | 172 |

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|----|---|------|-----------|
| 73 | Spatial heterogeneity in species composition constrains plant community responses to herbivory and fertilisation. <i>Ecology Letters</i> , 2018, 21, 1364-1371. | 3.0 | 38 |
| 74 | No evidence for trade-offs in plant responses to consumer food web manipulations. <i>Ecology</i> , 2018, 99, 1953-1963. | 1.5 | 13 |
| 75 | Characteristics and drivers of plant virus community spatial patterns in US west coast grasslands. <i>Oikos</i> , 2017, 126, 1281-1290. | 1.2 | 7 |
| 76 | A decade of insights into grassland ecosystem responses to global environmental change. <i>Nature Ecology and Evolution</i> , 2017, 1, 118. | 3.4 | 82 |
| 77 | Food webs obscure the strength of plant diversity effects on primary productivity. <i>Ecology Letters</i> , 2017, 20, 505-512. | 3.0 | 73 |
| 78 | Increased grassland arthropod production with mammalian herbivory and eutrophication: a test of mediation pathways. <i>Ecology</i> , 2017, 98, 3022-3033. | 1.5 | 40 |
| 79 | Out of the shadows: multiple nutrient limitations drive relationships among biomass, light and plant diversity. <i>Functional Ecology</i> , 2017, 31, 1839-1846. | 1.7 | 55 |
| 80 | Environmental Nutrient Supply Directly Alters Plant Traits but Indirectly Determines Virus Growth Rate. <i>Frontiers in Microbiology</i> , 2017, 8, 2116. | 1.5 | 20 |
| 81 | Long-term effects of plant diversity and composition on plant stoichiometry. <i>Oikos</i> , 2016, 125, 613-621. | 1.2 | 33 |
| 82 | Climate modifies response of non-native and native species richness to nutrient enrichment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150273. | 1.8 | 34 |
| 83 | The influence of balanced and imbalanced resource supply on biodiversity-functioning relationship across ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150283. | 1.8 | 43 |
| 84 | Species origin affects the rate of response to inter-annual growing season precipitation and nutrient addition in four Australian native grasslands. <i>Journal of Vegetation Science</i> , 2016, 27, 1164-1176. | 1.1 | 18 |
| 85 | Addition of multiple limiting resources reduces grassland diversity. <i>Nature</i> , 2016, 537, 93-96. | 13.7 | 355 |
| 86 | A Multiscale Approach to Plant Disease Using the Metacommunity Concept. <i>Annual Review of Phytopathology</i> , 2016, 54, 397-418. | 3.5 | 67 |
| 87 | Comment on "Worldwide evidence of a unimodal relationship between productivity and plant species richness". <i>Science</i> , 2016, 351, 457-457. | 6.0 | 16 |
| 88 | Integrative modelling reveals mechanisms linking productivity and plant species richness. <i>Nature</i> , 2016, 529, 390-393. | 13.7 | 564 |
| 89 | Methodological Guidelines for Accurate Detection of Viruses in Wild Plant Species. <i>Applied and Environmental Microbiology</i> , 2016, 82, 1966-1975. | 1.4 | 39 |
| 90 | Grassland productivity limited by multiple nutrients. <i>Nature Plants</i> , 2015, 1, 15080. | 4.7 | 403 |

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|-----|---|------|-----------|
| 91 | Grassland Arthropods Are Controlled by Direct and Indirect Interactions with Cattle but Are Largely Unaffected by Plant Provenance. <i>PLoS ONE</i> , 2015, 10, e0129823. | 1.1 | 14 |
| 92 | The community ecology of pathogens: coinfection, coexistence and community composition. <i>Ecology Letters</i> , 2015, 18, 401-415. | 3.0 | 135 |
| 93 | Foodweb composition and plant diversity control foliar nutrient content and stoichiometry. <i>Journal of Ecology</i> , 2015, 103, 1432-1441. | 1.9 | 36 |
| 94 | African mammals, foodwebs, and coexistence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7890-7891. | 3.3 | 6 |
| 95 | Anthropogenic nitrogen deposition predicts local grassland primary production worldwide. <i>Ecology</i> , 2015, 96, 1459-1465. | 1.5 | 143 |
| 96 | Anthropogenic environmental changes affect ecosystem stability via biodiversity. <i>Science</i> , 2015, 348, 336-340. | 6.0 | 516 |
| 97 | Abundance- and functional-based mechanisms of plant diversity loss with fertilization in the presence and absence of herbivores. <i>Oecologia</i> , 2015, 179, 261-270. | 0.9 | 37 |
| 98 | Signatures of nutrient limitation and co-limitation: responses of autotroph internal nutrient concentrations to nitrogen and phosphorus additions. <i>Oikos</i> , 2015, 124, 113-121. | 1.2 | 109 |
| 99 | Consistent responses of soil microbial communities to elevated nutrient inputs in grasslands across the globe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10967-10972. | 3.3 | 1,023 |
| 100 | Plant species' origin predicts dominance and response to nutrient enrichment and herbivores in global grasslands. <i>Nature Communications</i> , 2015, 6, 7710. | 5.8 | 143 |
| 101 | A continent-wide study reveals clear relationships between regional abiotic conditions and post-dispersal seed predation. <i>Journal of Biogeography</i> , 2015, 42, 662-670. | 1.4 | 23 |
| 102 | Plant diversity predicts beta but not alpha diversity of soil microbes across grasslands worldwide. <i>Ecology Letters</i> , 2015, 18, 85-95. | 3.0 | 612 |
| 103 | Trophic phylogenetics: evolutionary influences on body size, feeding, and species associations in grassland arthropods. <i>Ecology</i> , 2015, 96, 998-1009. | 1.5 | 20 |
| 104 | Rereading Polis: Viewing Our Multi-Colored World from Space Is an Ecological Starting Point. <i>Bulletin of the Ecological Society of America</i> , 2014, 95, 198-199. | 0.2 | 0 |
| 105 | Anthropogenic-based regional scale factors most consistently explain plot-level exotic diversity in grasslands. <i>Global Ecology and Biogeography</i> , 2014, 23, 802-810. | 2.7 | 32 |
| 106 | Causal networks clarify productivity-richness interrelations, bivariate plots do not. <i>Functional Ecology</i> , 2014, 28, 787-798. | 1.7 | 106 |
| 107 | Eutrophication weakens stabilizing effects of diversity in natural grasslands. <i>Nature</i> , 2014, 508, 521-525. | 13.7 | 409 |
| 108 | Finding generality in ecology: a model for globally distributed experiments. <i>Methods in Ecology and Evolution</i> , 2014, 5, 65-73. | 2.2 | 353 |

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|-----|---|------|-----------|
| 109 | Herbivores and nutrients control grassland plant diversity via light limitation. <i>Nature</i> , 2014, 508, 517-520. | 13.7 | 669 |
| 110 | Environmental nutrient supply alters prevalence and weakens competitive interactions among coinfecting viruses. <i>New Phytologist</i> , 2014, 204, 424-433. | 3.5 | 53 |
| 111 | Non-random biodiversity loss underlies predictable increases in viral disease prevalence. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20130947. | 1.5 | 69 |
| 112 | Multiple nutrients and herbivores interact to govern diversity, productivity, composition, and infection in a successional grassland. <i>Oikos</i> , 2014, 123, 214-224. | 1.2 | 39 |
| 113 | Predicting invasion in grassland ecosystems: is exotic dominance the real embarrassment of richness?. <i>Global Change Biology</i> , 2013, 19, 3677-3687. | 4.2 | 70 |
| 114 | Life history constraints in grassland plant species: a growth-defence tradeoff is the norm. <i>Ecology Letters</i> , 2013, 16, 513-521. | 3.0 | 165 |
| 115 | The world within: Quantifying the determinants and outcomes of a host's microbiome. <i>Basic and Applied Ecology</i> , 2013, 14, 533-539. | 1.2 | 35 |
| 116 | Global biogeography of autotroph chemistry: is insolation a driving force?. <i>Oikos</i> , 2013, 122, 1121-1130. | 1.2 | 50 |
| 117 | Correlations between physical and chemical defences in plants: tradeoffs, syndromes, or just many different ways to skin a herbivorous cat?. <i>New Phytologist</i> , 2013, 198, 252-263. | 3.5 | 124 |
| 118 | Regional Contingencies in the Relationship between Aboveground Biomass and Litter in the World's Grasslands. <i>PLoS ONE</i> , 2013, 8, e54988. | 1.1 | 27 |
| 119 | Richness and Composition of Niche-Assembled Viral Pathogen Communities. <i>PLoS ONE</i> , 2013, 8, e55675. | 1.1 | 32 |
| 120 | Response to Comments on "Productivity Is a Poor Predictor of Plant Species Richness". <i>Science</i> , 2012, 335, 1441-1441. | 6.0 | 30 |
| 121 | Plant diversity controls arthropod biomass and temporal stability. <i>Ecology Letters</i> , 2012, 15, 1457-1464. | 3.0 | 153 |
| 122 | The influence of host diversity and composition on epidemiological patterns at multiple spatial scales. <i>Ecology</i> , 2012, 93, 1095-1105. | 1.5 | 44 |
| 123 | The community ecology of barley/cereal yellow dwarf viruses in Western US grasslands. <i>Virus Research</i> , 2011, 159, 95-100. | 1.1 | 65 |
| 124 | Provenance, life span, and phylogeny do not affect grass species' responses to nitrogen and phosphorus. , 2011, 21, 2129-2142. | | 8 |
| 125 | Abundance of introduced species at home predicts abundance away in herbaceous communities. <i>Ecology Letters</i> , 2011, 14, 274-281. | 3.0 | 88 |
| 126 | Nutrient co-limitation of primary producer communities. <i>Ecology Letters</i> , 2011, 14, 852-862. | 3.0 | 747 |

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|-----|---|-----|-----------|
| 127 | Putting plant resistance traits on the map: a test of the idea that plants are better defended at lower latitudes. <i>New Phytologist</i> , 2011, 191, 777-788. | 3.5 | 155 |
| 128 | Productivity Is a Poor Predictor of Plant Species Richness. <i>Science</i> , 2011, 333, 1750-1753. | 6.0 | 463 |
| 129 | Bridging Taxonomic and Disciplinary Divides in Infectious Disease. <i>EcoHealth</i> , 2011, 8, 261-267. | 0.9 | 20 |
| 130 | Spatiotemporal Model of Barley and Cereal Yellow Dwarf Virus Transmission Dynamics with Seasonality and Plant Competition. <i>Bulletin of Mathematical Biology</i> , 2011, 73, 2707-2730. | 0.9 | 23 |
| 131 | Phylogenetic patterns differ for native and exotic plant communities across a richness gradient in Northern California. <i>Diversity and Distributions</i> , 2010, 16, 892-901. | 1.9 | 56 |
| 132 | Local context drives infection of grasses by vector-borne generalist viruses. <i>Ecology Letters</i> , 2010, 13, 810-818. | 3.0 | 79 |
| 133 | Predators indirectly control vector-borne disease: linking predator-prey and host-pathogen models. <i>Journal of the Royal Society Interface</i> , 2010, 7, 161-176. | 1.5 | 54 |
| 134 | Viral diversity and prevalence gradients in North American Pacific Coast grasslands. <i>Ecology</i> , 2010, 91, 721-732. | 1.5 | 64 |
| 135 | Workflows and extensions to the Kepler scientific workflow system to support environmental sensor data access and analysis. <i>Ecological Informatics</i> , 2010, 5, 42-50. | 2.3 | 81 |
| 136 | III.6 Top-Down and Bottom-Up Regulation of Communities. , 2009, , 296-304. | | 2 |
| 137 | Consumers indirectly increase infection risk in grassland food webs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 503-506. | 3.3 | 72 |
| 138 | Aphid fecundity and grassland invasion: Invader life history is the key. , 2009, 19, 1187-1196. | | 45 |
| 139 | Direct and indirect effects of viral pathogens and the environment on invasive grass fecundity in Pacific Coast grasslands. <i>Journal of Ecology</i> , 2009, 97, 1264-1273. | 1.9 | 22 |
| 140 | Strong population structure characterizes weediness gene evolution in the invasive grass species <i>Brachypodium distachyon</i> . <i>Molecular Ecology</i> , 2009, 18, 2588-2601. | 2.0 | 37 |
| 141 | Herbivore metabolism and stoichiometry each constrain herbivory at different organizational scales across ecosystems. <i>Ecology Letters</i> , 2009, 12, 516-527. | 3.0 | 144 |
| 142 | Some Simple Guidelines for Effective Data Management. <i>Bulletin of the Ecological Society of America</i> , 2009, 90, 205-214. | 0.2 | 51 |
| 143 | Diversity and Composition of Viral Communities: Coinfection of Barley and Cereal Yellow Dwarf Viruses in California Grasslands. <i>American Naturalist</i> , 2009, 173, E79-E98. | 1.0 | 57 |
| 144 | Effects of long-term consumer manipulations on invasion in oak savanna communities. <i>Ecology</i> , 2009, 90, 1356-1365. | 1.5 | 24 |

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|-----|---|-----|-----------|
| 145 | Producer Nutritional Quality Controls Ecosystem Trophic Structure. PLoS ONE, 2009, 4, e4929. | 1.1 | 119 |
| 146 | A cross-system synthesis of consumer and nutrient resource control on producer biomass. Ecology Letters, 2008, 11, 740-755. | 3.0 | 334 |
| 147 | Pathogen-induced reversal of native dominance in a grassland community. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5473-5478. | 3.3 | 175 |
| 148 | PREDATORS, PARASITIDS, AND PATHOGENS: A CROSS-CUTTING EXAMINATION OF INTRAGUILD PREDATION THEORY. Ecology, 2007, 88, 2681-2688. | 1.5 | 42 |
| 149 | Consumer versus resource control of producer diversity depends on ecosystem type and producer community structure. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10904-10909. | 3.3 | 302 |
| 150 | Does adding biological detail increase coexistence in an intraguild predation model?. Ecological Modelling, 2006, 196, 447-461. | 1.2 | 9 |
| 151 | ASYMMETRY IN COMMUNITY REGULATION: EFFECTS OF PREDATORS AND PRODUCTIVITY. Ecology, 2006, 87, 2813-2820. | 1.5 | 117 |
| 152 | Predator effects on herbivore and plant stability. Ecology Letters, 2005, 8, 189-194. | 3.0 | 53 |
| 153 | Invasive annual grasses indirectly increase virus incidence in California native perennial bunchgrasses. Oecologia, 2005, 145, 153-164. | 0.9 | 198 |
| 154 | WHY SHORT-TERM EXPERIMENTS MAY NOT ALLOW LONG-TERM PREDICTIONS ABOUT INTRAGUILD PREDATION. , 2005, 15, 1111-1117. | | 115 |
| 155 | Examining the Relative Importance of Spatial and Nonspatial Coexistence Mechanisms. American Naturalist, 2005, 166, E75-E94. | 1.0 | 37 |
| 156 | WHAT DETERMINES THE STRENGTH OF A TROPHIC CASCADE?. Ecology, 2005, 86, 528-537. | 1.5 | 477 |
| 157 | Distribution of plants in a California serpentine grassland: are rocky hummocks spatial refuges for native species?. Plant Ecology, 2004, 172, 159-171. | 0.7 | 41 |
| 158 | PARASITOID COEXISTENCE: LINKING SPATIAL FIELD PATTERNS WITH MECHANISM. Ecology, 2004, 85, 667-678. | 1.5 | 35 |
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