

Andrew Barnes

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,337
citations

304743

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361022

35
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43
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43
docs citations

43
times ranked

3334
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Future climate and land-use intensification modify arthropod community structure. <i>Agriculture, Ecosystems and Environment</i> , 2022, 327, 107830. | 5.3 | 15 |
| 2 | Habitat provision is a major driver of native bird communities in restored urban forests. <i>Journal of Animal Ecology</i> , 2022, 91, 1444-1457. | 2.8 | 5 |
| 3 | Depth-differentiated, multivariate control of biopore number under different land-use practices. <i>Geoderma</i> , 2022, 418, 115852. | 5.1 | 6 |
| 4 | A network perspective for sustainable agroecosystems. <i>Trends in Plant Science</i> , 2022, 27, 769-780. | 8.8 | 11 |
| 5 | Functional group-dependent responses of forest bird communities to invasive predator control and habitat fragmentation. <i>Diversity and Distributions</i> , 2022, 28, 1298-1312. | 4.1 | 1 |
| 6 | Environmental and anthropogenic constraints on animal space use drive extinction risk worldwide. <i>Ecology Letters</i> , 2021, 24, 2576-2585. | 6.4 | 19 |
| 7 | For flux's sake: General considerations for energy flux calculations in ecological communities. <i>Ecology and Evolution</i> , 2021, 11, 12948-12969. | 1.9 | 15 |
| 8 | Functional losses in ground spider communities due to habitat structure degradation under tropical land-use change. <i>Ecology</i> , 2020, 101, e02957. | 3.2 | 33 |
| 9 | Biodiversity enhances the multitrophic control of arthropod herbivory. <i>Science Advances</i> , 2020, 6, . | 10.3 | 68 |
| 10 | Ground Spider Communities Under Tropical Land-use Change. <i>Bulletin of the Ecological Society of America</i> , 2020, 101, e01668. | 0.2 | 0 |
| 11 | Trade-offs between multifunctionality and profit in tropical smallholder landscapes. <i>Nature Communications</i> , 2020, 11, 1186. | 12.8 | 156 |
| 12 | Contrasting effects of plant diversity on β^2 - and β^3 -diversity of grassland invertebrates. <i>Ecology</i> , 2020, 101, e03057. | 3.2 | 6 |
| 13 | Mapping change in biodiversity and ecosystem function research: food webs foster integration of experiments and science policy. <i>Advances in Ecological Research</i> , 2019, , 297-322. | 2.7 | 16 |
| 14 | Transferring biodiversity-ecosystem function research to the management of "real-world" ecosystems. <i>Advances in Ecological Research</i> , 2019, 61, 323-356. | 2.7 | 51 |
| 15 | Plant functional trait identity and diversity effects on soil meso- and macrofauna in an experimental grassland. <i>Advances in Ecological Research</i> , 2019, , 163-184. | 2.7 | 4 |
| 16 | A multitrophic perspective on biodiversity-ecosystem functioning research. <i>Advances in Ecological Research</i> , 2019, 61, 1-54. | 2.7 | 95 |
| 17 | Predator traits determine food-web architecture across ecosystems. <i>Nature Ecology and Evolution</i> , 2019, 3, 919-927. | 7.8 | 157 |
| 18 | Spatial and Temporal Scales Matter When Assessing the Species and Genetic Diversity of Springtails (Collembola) in Antarctica. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, . | 2.2 | 28 |

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|----|---|------|-----------|
| 19 | A niche for ecosystem multifunctionality in global change research. <i>Global Change Biology</i> , 2019, 25, 763-774. | 9.5 | 80 |
| 20 | <i>fluxweb</i> : An R package to easily estimate energy fluxes in food webs. <i>Methods in Ecology and Evolution</i> , 2019, 10, 270-279. | 5.2 | 49 |
| 21 | Energy Flux: The Link between Multitrophic Biodiversity and Ecosystem Functioning. <i>Trends in Ecology and Evolution</i> , 2018, 33, 186-197. | 8.7 | 195 |
| 22 | Applying generalized allometric regressions to predict live body mass of tropical and temperate arthropods. <i>Ecology and Evolution</i> , 2018, 8, 12737-12749. | 1.9 | 37 |
| 23 | Decreasing Stoichiometric Resource Quality Drives Compensatory Feeding across Trophic Levels in Tropical Litter Invertebrate Communities. <i>American Naturalist</i> , 2017, 190, 131-143. | 2.1 | 43 |
| 24 | Resource stoichiometry and availability modulate species richness and biomass of tropical litter macroinvertebrates. <i>Journal of Animal Ecology</i> , 2017, 86, 1114-1123. | 2.8 | 22 |
| 25 | Direct and cascading impacts of tropical land-use change on multi-trophic biodiversity. <i>Nature Ecology and Evolution</i> , 2017, 1, 1511-1519. | 7.8 | 137 |
| 26 | Warming alters energetic structure and function but not resilience of soil food webs. <i>Nature Climate Change</i> , 2017, 7, 895-900. | 18.8 | 75 |
| 27 | A review of the ecosystem functions in oil palm plantations, using forests as a reference system. <i>Biological Reviews</i> , 2017, 92, 1539-1569. | 10.4 | 222 |
| 28 | Species richness and biomass explain spatial turnover in ecosystem functioning across tropical and temperate ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150279. | 4.0 | 66 |
| 29 | Biodiversity–ecosystem function experiments reveal the mechanisms underlying the consequences of biodiversity change in real world ecosystems. <i>Journal of Vegetation Science</i> , 2016, 27, 1061-1070. | 2.2 | 107 |
| 30 | Land-use choices follow profitability at the expense of ecological functions in Indonesian smallholder landscapes. <i>Nature Communications</i> , 2016, 7, 13137. | 12.8 | 186 |
| 31 | Individual behaviour mediates effects of warming on movement across a fragmented landscape. <i>Functional Ecology</i> , 2015, 29, 1543-1552. | 3.6 | 16 |
| 32 | Functional diversity and stability of litter-invertebrate communities following land-use change in Sumatra, Indonesia. <i>Biological Conservation</i> , 2015, 191, 750-758. | 4.1 | 47 |
| 33 | The Role of Species Traits in Mediating Functional Recovery during Matrix Restoration. <i>PLoS ONE</i> , 2014, 9, e115385. | 2.5 | 18 |
| 34 | Matrix habitat restoration alters dung beetle species responses across tropical forest edges. <i>Biological Conservation</i> , 2014, 170, 28-37. | 4.1 | 40 |
| 35 | Consequences of tropical land use for multitrophic biodiversity and ecosystem functioning. <i>Nature Communications</i> , 2014, 5, 5351. | 12.8 | 273 |
| 36 | Dispersal traits determine passive restoration trajectory of a Nigerian montane forest. <i>Acta Oecologica</i> , 2014, 56, 32-40. | 1.1 | 27 |

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|----|---|-----|-----------|
| 37 | Forest fragmentation and biodiversity conservation in human-dominated landscapes.. , 2014, , 28-49. | | 6 |
| 38 | Is Arthropod Biodiversity on the Rainforest Floor Threatened by Rubber and Palm-Oil Plantations?. Frontiers for Young Minds, 0, 6, . | 0.8 | 0 |