

Shawn James Leroux

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,266
citations

270111

25
h-index

286692

43
g-index

78
all docs

78
docs citations

78
times ranked

4242
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Integrating plant stoichiometry and feeding experiments: state-dependent forage choice and its implications on body mass. <i>Oecologia</i> , 2022, 198, 579-591. | 0.9 | 6 |
| 2 | Individual snowshoe hares manage risk differently: integrating stoichiometric distribution models and foraging ecology. <i>Journal of Mammalogy</i> , 2022, 103, 196-208. | 0.6 | 2 |
| 3 | Ecological network complexity scales with area. <i>Nature Ecology and Evolution</i> , 2022, 6, 307-314. | 3.4 | 35 |
| 4 | Comparing Global and Regional Maps of Intactness in the Boreal Region of North America: Implications for Conservation Planning in One of the World's Remaining Wilderness Areas. <i>Frontiers in Forests and Global Change</i> , 2022, 5, . | 1.0 | 0 |
| 5 | Global Patterns and Controls of Nutrient Immobilization on Decomposing Cellulose in Riverine Ecosystems. <i>Global Biogeochemical Cycles</i> , 2022, 36, . | 1.9 | 12 |
| 6 | In defense of elemental currencies: can ecological stoichiometry stand as a framework for terrestrial herbivore nutritional ecology?. <i>Oecologia</i> , 2022, , 1. | 0.9 | 1 |
| 7 | Conservation planning integrating natural disturbances: Estimating minimum reserve sizes for an insect disturbance in the boreal forest of eastern Canada. <i>PLoS ONE</i> , 2022, 17, e0268236. | 1.1 | 0 |
| 8 | From Marine Metacommunities to Meta-ecosystems: Examining the Nature, Scale and Significance of Resource Flows in Benthic Marine Environments. <i>Ecosystems</i> , 2021, 24, 1239-1252. | 1.6 | 5 |
| 9 | Evaluating forest restoration strategies after herbivore overbrowsing. <i>Forest Ecology and Management</i> , 2021, 482, 118827. | 1.4 | 3 |
| 10 | Temporal variation and its drivers in the elemental traits of four boreal plant species. <i>Journal of Plant Ecology</i> , 2021, 14, 398-413. | 1.2 | 4 |
| 11 | The multiple meanings of omnivory influence empirical, modular theory and whole food web stability relationships. <i>Journal of Animal Ecology</i> , 2021, 90, 447-459. | 1.3 | 8 |
| 12 | Frugivore zoogeography in tropical forest ecosystems. <i>Functional Ecology</i> , 2021, 35, 304-305. | 1.7 | 1 |
| 13 | Cumulative effects of spruce budworm and moose herbivory on boreal forest ecosystems. <i>Functional Ecology</i> , 2021, 35, 1448-1459. | 1.7 | 9 |
| 14 | Incorporating abiotic controls on animal movements in metacommunities. <i>Ecology</i> , 2021, 102, e03365. | 1.5 | 17 |
| 15 | Forage stoichiometry predicts the home range size of a small terrestrial herbivore. <i>Oecologia</i> , 2021, 197, 327-338. | 0.9 | 12 |
| 16 | Incongruent drivers of network, species and interaction persistence in food webs. <i>Oikos</i> , 2021, 130, 1726-1738. | 1.2 | 3 |
| 17 | Sampling and asymptotic network properties of spatial multi-trophic networks. <i>Oikos</i> , 2021, 130, 2250-2259. | 1.2 | 5 |
| 18 | Bridging the divide between ecological forecasts and environmental decision making. <i>Ecosphere</i> , 2021, 12, . | 1.0 | 14 |

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|----|--|-----|-----------|
| 19 | Modelling the spatialâ€“temporal distributions and associated determining factors of a keystone pelagic fish. <i>ICES Journal of Marine Science</i> , 2020, 77, 2776-2789. | 1.2 | 4 |
| 20 | Herbivore Impacts on Carbon Cycling in Boreal Forests. <i>Trends in Ecology and Evolution</i> , 2020, 35, 1001-1010. | 4.2 | 32 |
| 21 | Food Webs and Ecosystems: Linking Species Interactions to the Carbon Cycle. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2020, 51, 271-295. | 3.8 | 32 |
| 22 | Quantityâ€“quality tradeâ€“offs revealed using a multiscale test of herbivore resource selection on elemental landscapes. <i>Ecology and Evolution</i> , 2020, 10, 13847-13859. | 0.8 | 9 |
| 23 | Effects of species traits, motif profiles, and environment on spatial variation in multiâ€“trophic antagonistic networks. <i>Ecosphere</i> , 2020, 11, e03018. | 1.0 | 8 |
| 24 | The strength of ecological subsidies across ecosystems: a latitudinal gradient of direct and indirect impacts on food webs. <i>Ecology Letters</i> , 2019, 22, 265-274. | 3.0 | 20 |
| 25 | The marine fish food web is globally connected. <i>Nature Ecology and Evolution</i> , 2019, 3, 1153-1161. | 3.4 | 76 |
| 26 | Microbial and animal nutrient limitation change the distribution of nitrogen within coupled green and brown food chains. <i>Ecology</i> , 2019, 100, e02674. | 1.5 | 15 |
| 27 | On the prevalence of uninformative parameters in statistical models applying model selection in applied ecology. <i>PLoS ONE</i> , 2019, 14, e0206711. | 1.1 | 98 |
| 28 | Coupled Networks of Permanent Protected Areas and Dynamic Conservation Areas for Biodiversity Conservation Under Climate Change. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, . | 1.1 | 54 |
| 29 | Patterns and potential drivers of intraspecific variability in the body C, N, and P composition of a terrestrial consumer, the snowshoe hare (<i>Lepus americanus</i>). <i>Ecology and Evolution</i> , 2019, 9, 14453-14464. | 0.8 | 9 |
| 30 | Towards an applied metaecology. <i>Perspectives in Ecology and Conservation</i> , 2019, 17, 172-181. | 1.0 | 30 |
| 31 | Crossâ€“ecosystem effects of a large terrestrial herbivore on stream ecosystem functioning. <i>Oikos</i> , 2019, 128, 135-145. | 1.2 | 8 |
| 32 | Global patterns and drivers of ecosystem functioning in rivers and riparian zones. <i>Science Advances</i> , 2019, 5, eaav0486. | 4.7 | 133 |
| 33 | An empirical test of the relative and combined effects of landâ€“cover and climate change on local colonization and extinction. <i>Global Change Biology</i> , 2018, 24, 3849-3861. | 4.2 | 23 |
| 34 | The spatial scaling of species interaction networks. <i>Nature Ecology and Evolution</i> , 2018, 2, 782-790. | 3.4 | 77 |
| 35 | Animals and the zoogeography of the carbon cycle. <i>Science</i> , 2018, 362, . | 6.0 | 197 |
| 36 | Ecological, evolutionary, and geographical correlates of variation in consumer elemental composition. <i>Functional Ecology</i> , 2018, 32, 2282-2284. | 1.7 | 7 |

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|----|--|-----|-----------|
| 37 | Road characteristics best predict the probability of vehicle collisions with a non-native ungulate. <i>Ecoscience</i> , 2017, 24, 1-11. | 0.6 | 8 |
| 38 | Diversity and suitability of existing methods and metrics for quantifying species range shifts. <i>Global Ecology and Biogeography</i> , 2017, 26, 609-624. | 2.7 | 41 |
| 39 | Stoichiometric distribution models: ecological stoichiometry at the landscape extent. <i>Ecology Letters</i> , 2017, 20, 1495-1506. | 3.0 | 49 |
| 40 | Evaluating conceptual models of landscape change. <i>Ecography</i> , 2017, 40, 74-84. | 2.1 | 35 |
| 41 | Methods and models for identifying thresholds of habitat loss. <i>Ecography</i> , 2017, 40, 131-143. | 2.1 | 20 |
| 42 | Moose directly slow plant regeneration but have limited indirect effects on soil stoichiometry and litter decomposition rates in disturbed maritime boreal forests. <i>Functional Ecology</i> , 2017, 31, 790-801. | 1.7 | 27 |
| 43 | Structural uncertainty in models projecting the consequences of habitat loss and fragmentation on biodiversity. <i>Ecography</i> , 2017, 40, 36-47. | 2.1 | 16 |
| 44 | Whole body element composition of Atlantic salmon <i>Salmo salar</i> influenced by migration direction and life stage in three distinct populations. <i>Journal of Fish Biology</i> , 2016, 89, 2365-2374. | 0.7 | 4 |
| 45 | Synthetic datasets and community tools for the rapid testing of ecological hypotheses. <i>Ecography</i> , 2016, 39, 402-408. | 2.1 | 32 |
| 46 | Predator-driven elemental cycling: the impact of predation and risk effects on ecosystem stoichiometry. <i>Ecology and Evolution</i> , 2015, 5, 4976-4988. | 0.8 | 38 |
| 47 | Theoretical perspectives on bottom-up and top-down interactions across ecosystems. , 2015, , 3-28. | | 37 |
| 48 | Effect of Roadside Vegetation Cutting on Moose Browsing. <i>PLoS ONE</i> , 2015, 10, e0133155. | 1.1 | 11 |
| 49 | Legislative correlates of the size and number of protected areas in Canadian jurisdictions. <i>Biological Conservation</i> , 2015, 191, 375-382. | 1.9 | 3 |
| 50 | Impact of Non-Native Terrestrial Mammals on the Structure of the Terrestrial Mammal Food Web of Newfoundland, Canada. <i>PLoS ONE</i> , 2014, 9, e106264. | 1.1 | 24 |
| 51 | Methods and tools for addressing natural disturbance dynamics in conservation planning for wilderness areas. <i>Diversity and Distributions</i> , 2014, 20, 258-271. | 1.9 | 12 |
| 52 | Arctic ecosystem structure and functioning shaped by climate and herbivore body size. <i>Nature Climate Change</i> , 2014, 4, 379-383. | 8.1 | 92 |
| 53 | Mechanistic models for the spatial spread of species under climate change. <i>Ecological Applications</i> , 2013, 23, 815-828. | 1.8 | 80 |
| 54 | Land Development in and around Protected Areas at the Wilderness Frontier. <i>Conservation Biology</i> , 2013, 27, 166-176. | 2.4 | 45 |

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|----|--|-----|-----------|
| 55 | Unifying sources and sinks in ecology and earth sciences. <i>Biological Reviews</i> , 2013, 88, 365-379. | 4.7 | 85 |
| 56 | Predation risk, stoichiometric plasticity and ecosystem elemental cycling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4183-4191. | 1.2 | 42 |
| 57 | Boreal Forest, Canada. , 2012, , 69-79. | | 2 |
| 58 | Interactive effects of nutrient enrichment and the manipulation of intermediate hosts by parasites on infection prevalence and food web structure. <i>Ecological Modelling</i> , 2012, 228, 1-7. | 1.2 | 3 |
| 59 | Dynamics of Reciprocal Pulsed Subsidies in Local and Meta-Ecosystems. <i>Ecosystems</i> , 2012, 15, 48-59. | 1.6 | 69 |
| 60 | Consumer-mediated recycling and cascading trophic interactions. <i>Ecology</i> , 2010, 91, 2162-2171. | 1.5 | 42 |
| 61 | Global protected areas and IUCN designations: Do the categories match the conditions?. <i>Biological Conservation</i> , 2010, 143, 609-616. | 1.9 | 102 |
| 62 | Disentangling multiple predator effects in biodiversity and ecosystem functioning research. <i>Journal of Animal Ecology</i> , 2009, 78, 695-698. | 1.3 | 6 |
| 63 | Subsidy hypothesis and strength of trophic cascades across ecosystems. <i>Ecology Letters</i> , 2008, 11, 1147-1156. | 3.0 | 235 |
| 64 | Minimum dynamic reserves: A framework for determining reserve size in ecosystems structured by large disturbances. <i>Biological Conservation</i> , 2007, 138, 464-473. | 1.9 | 67 |
| 65 | ACCOUNTING FOR SYSTEM DYNAMICS IN RESERVE DESIGN. , 2007, 17, 1954-1966. | | 38 |
| 66 | Potential Spatial Overlap of Heritage Sites and Protected Areas in a Boreal Region of Northern Canada. <i>Conservation Biology</i> , 2007, 21, 376-386. | 2.4 | 14 |
| 67 | Biodiversity Concordance and the Importance of Endemism. <i>Conservation Biology</i> , 2007, 21, 266-268. | 2.4 | 9 |
| 68 | Spatially explicit correlates of plant functional traits inform landscape patterns of resource quality. <i>Landscape Ecology</i> , 0, , 1. | 1.9 | 1 |