Shawn James Leroux

List of Publications by Year
in descending order

68 papers	2,266 citations	236925 25 h-index	243625 44 g-index
78 all docs	78 docs citations	78 times ranked	3727 citing authors

#	Article	IF	Citations
1	Integrating plant stoichiometry and feeding experiments: state-dependent forage choice and its implications on body mass. Oecologia, 2022, 198, 579-591.	2.0	6
2	Individual snowshoe hares manage risk differently: integrating stoichiometric distribution models and foraging ecology. Journal of Mammalogy, 2022, 103, 196-208.	1.3	2
3	Ecological network complexity scales with area. Nature Ecology and Evolution, 2022, 6, 307-314.	7.8	35
4	Comparing Global and Regional Maps of Intactness in the Boreal Region of North America: Implications for Conservation Planning in One of the Worldâ€™s Remaining Wilderness Areas. Frontiers in Forests and Global Change, 2022, 5, .	2.3	0
5	Global Patterns and Controls of Nutrient Immobilization on Decomposing Cellulose in Riverine Ecosystems. Global Biogeochemical Cycles, 2022, 36, .	4.9	12
6	In defense of elemental currencies: can ecological stoichiometry stand as a framework for terrestrial herbivore nutritional ecology?. Oecologia, 2022, , 1.	2.0	1
7	Conservation planning integrating natural disturbances: Estimating minimum reserve sizes for an insect disturbance in the boreal forest of eastern Canada. PLoS ONE, 2022, 17, e0268236.	2.5	0
8	From Marine Metacommunities to Meta-ecosystems: Examining the Nature, Scale and Significance of Resource Flows in Benthic Marine Environments. Ecosystems, 2021, 24, 1239-1252.	3.4	5
9	Evaluating forest restoration strategies after herbivore overbrowsing. Forest Ecology and Management, 2021, 482, 118827.	3.2	3
10	Temporal variation and its drivers in the elemental traits of four boreal plant species. Journal of Plant Ecology, 2021, 14, 398-413.	2.3	4
11	The multiple meanings of omnivory influence empirical, modular theory and whole food web stability relationships. Journal of Animal Ecology, 2021, 90, 447-459.	2.8	8
12	Frugivore zoogeochemistry in tropical forest ecosystems. Functional Ecology, 2021, 35, 304-305.	3.6	1
13	Cumulative effects of spruce budworm and moose herbivory on boreal forest ecosystems. Functional Ecology, 2021, 35, 1448-1459.	3.6	9
14	Incorporating abiotic controls on animal movements in metacommunities. Ecology, 2021, 102, e03365.	3.2	17
15	Forage stoichiometry predicts the home range size of a small terrestrial herbivore. Oecologia, 2021, 197, 327-338.	2.0	12
16	Incongruent drivers of network, species and interaction persistence in food webs. Oikos, 2021, 130, 1726-1738.	2.7	3
17	Sampling and asymptotic network properties of spatial multiâ€trophic networks. Oikos, 2021, 130, 2250-2259.	2.7	5
18	Bridging the divide between ecological forecasts and environmental decision making. Ecosphere, 2021, 12, .	2.2	14

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19	Modelling the spatialâ€“temporal distributions and associated determining factors of a keystone pelagic fish. ICES Journal of Marine Science, 2020, 77, 2776-2789.	2.5	4
20	Herbivore Impacts on Carbon Cycling in Boreal Forests. Trends in Ecology and Evolution, 2020, 35, 1001-1010.	8.7	32
21	Food Webs and Ecosystems: Linking Species Interactions to the Carbon Cycle. Annual Review of Ecology, Evolution, and Systematics, 2020, 51, 271-295.	8.3	32
22	Quantityâ€“quality tradeâ€offs revealed using a multiscale test of herbivore resource selection on elemental landscapes. Ecology and Evolution, 2020, 10, 13847-13859.	1.9	9
23	Effects of species traits, motif profiles, and environment on spatial variation in multiâ€trophic antagonistic networks. Ecosphere, 2020, 11, e03018.	2.2	8
24	The strength of ecological subsidies across ecosystems: a latitudinal gradient of direct and indirect impacts on food webs. Ecology Letters, 2019, 22, 265-274.	6.4	20
25	The marine fish food web is globally connected. Nature Ecology and Evolution, 2019, 3, 1153-1161.	7.8	76
26	Microbial and animal nutrient limitation change the distribution of nitrogen within coupled green and brown food chains. Ecology, 2019, 100, e02674.	3.2	15
27	On the prevalence of uninformative parameters in statistical models applying model selection in applied ecology. PLoS ONE, 2019, 14, e0206711.	2.5	98
28	Coupled Networks of Permanent Protected Areas and Dynamic Conservation Areas for Biodiversity Conservation Under Climate Change. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	54
29	Patterns and potential drivers of intraspecific variability in the body C, N, and P composition of a terrestrial consumer, the snowshoe hare (Lepus americanus). Ecology and Evolution, 2019, 9, 14453-14464.	1.9	9
30	Towards an applied metaecology. Perspectives in Ecology and Conservation, 2019, 17, 172-181.	1.9	30
31	Crossâ€ecosystem effects of a large terrestrial herbivore on stream ecosystem functioning. Oikos, 2019, 128, 135-145.	2.7	8
32	Global patterns and drivers of ecosystem functioning in rivers and riparian zones. Science Advances, 2019, 5, eaav0486.	10.3	133
33	An empirical test of the relative and combined effects of landâ€cover and climate change on local colonization and extinction. Global Change Biology, 2018, 24, 3849-3861.	9.5	23
34	The spatial scaling of species interaction networks. Nature Ecology and Evolution, 2018, 2, 782-790.	7.8	77
35	Animals and the zoogeochemistry of the carbon cycle. Science, 2018, 362, .	12.6	197
36	Ecological, evolutionary, and geographical correlates of variation in consumer elemental composition. Functional Ecology, 2018, 32, 2282-2284.	3.6	7

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37	Road characteristics best predict the probability of vehicle collisions with a non-native ungulate. Ecoscience, 2017, 24, 1-11.	1.4	8
38	Diversity and suitability of existing methods and metrics for quantifying species range shifts. Global Ecology and Biogeography, 2017, 26, 609-624.	5.8	41
39	Stoichiometric distribution models: ecological stoichiometry at the landscape extent. Ecology Letters, 2017, 20, 1495-1506.	6.4	49
40	Evaluating conceptual models of landscape change. Ecography, 2017, 40, 74-84.	4.5	35
41	Methods and models for identifying thresholds of habitat loss. Ecography, 2017, 40, 131-143.	4.5	20
42	Moose directly slow plant regeneration but have limited indirect effects on soil stoichiometry and litter decomposition rates in disturbed maritime boreal forests. Functional Ecology, 2017, 31, 790-801.	3.6	27
43	Structural uncertainty in models projecting the consequences of habitat loss and fragmentation on biodiversity. Ecography, 2017, 40, 36-47.	4.5	16
44	Whole bodyâ€element composition of Atlantic salmon Salmo salar influenced by migration direction and life stage in three distinct populations. Journal of Fish Biology, 2016, 89, 2365-2374.	1.6	4
45	Synthetic datasets and community tools for the rapid testing of ecological hypotheses. Ecography, 2016, 39, 402-408.	4.5	32
46	Predatorâ€driven elemental cycling: the impact of predation and risk effects on ecosystem stoichiometry. Ecology and Evolution, 2015, 5, 4976-4988.	1.9	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. PLoS ONE, 2015, 10, e0133155.	2.5	11
49	Legislative correlates of the size and number of protected areas in Canadian jurisdictions. Biological Conservation, 2015, 191, 375-382.	4.1	3
50	Impact of Non-Native Terrestrial Mammals on the Structure of the Terrestrial Mammal Food Web of Newfoundland, Canada. PLoS ONE, 2014, 9, e106264.	2.5	24
51	Methods and tools for addressing natural disturbance dynamics in conservation planning for wilderness areas. Diversity and Distributions, 2014, 20, 258-271.	4.1	12
52	Arctic ecosystem structure and functioning shaped by climate and herbivore body size. Nature Climate Change, 2014, 4, 379-383.	18.8	92
53	Mechanistic models for the spatial spread of species under climate change. Ecological Applications, 2013, 23, 815-828.	3.8	80
54	Land Development in and around Protected Areas at the Wilderness Frontier. Conservation Biology, 2013, 27, 166-176.	4.7	45

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55	Unifying sources and sinks in ecology andÂ<scp>E</scp>arth sciences. Biological Reviews, 2013, 88, 365-379.	10.4	85
56	Predation risk, stoichiometric plasticity and ecosystem elemental cycling. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4183-4191.	2.6	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. Ecological Modelling, 2012, 228, 1-7.	2.5	3
59	Dynamics of Reciprocal Pulsed Subsidies in Local and Meta-Ecosystems. Ecosystems, 2012, 15, 48-59.	3.4	69
60	Consumerâ€mediated recycling and cascading trophic interactions. Ecology, 2010, 91, 2162-2171.	3.2	42
61	Global protected areas and IUCN designations: Do the categories match the conditions?. Biological Conservation, 2010, 143, 609-616.	4.1	102
62	Disentangling multiple predator effects in biodiversity and ecosystem functioning research. Journal of Animal Ecology, 2009, 78, 695-698.	2.8	6
63	Subsidy hypothesis and strength of trophic cascades across ecosystems. Ecology Letters, 2008, 11, 1147-1156.	6.4	235
64	Minimum dynamic reserves: A framework for determining reserve size in ecosystems structured by large disturbances. Biological Conservation, 2007, 138, 464-473.	4.1	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. Conservation Biology, 2007, 21, 376-386.	4.7	14
67	Biodiversity Concordance and the Importance of Endemism. Conservation Biology, 2007, 21, 266-268.	4.7	9
68	Spatially explicit correlates of plant functional traits inform landscape patterns of resource quality. Landscape Ecology, 0, , 1.	4.2	1