

Jalene LaMontagne

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,318
citations

361413

20
h-index

377865

34
g-index

47
all docs

47
docs citations

47
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Local-scale synchrony and variability in mast seed production patterns of <i>Picea glauca</i> . Journal of Ecology, 2007, 95, 991-1000.	4.0	134
2	Maternal effects in <i>Daphnia</i> : what mothers are telling their offspring and do they listen?. Ecology Letters, 2001, 4, 64-71.	6.4	114
3	The functional response of a hoarding seed predator to mast seeding. Ecology, 2010, 91, 2673-2683.	3.2	102
4	Inter-annual variation in seed production has increased over time (1900-2014). Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171666.	2.6	65
5	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	12.6	62
6	Persistent maternal effects on juvenile survival in North American red squirrels. Biology Letters, 2007, 3, 289-291.	2.3	60
7	Quantitative methods for defining mast seeding years across species and studies. Journal of Vegetation Science, 2009, 20, 745-753.	2.2	54
8	Nutrient scarcity as a selective pressure for mast seeding. Nature Plants, 2019, 5, 1222-1228.	9.3	53
9	Continent-wide tree fecundity driven by indirect climate effects. Nature Communications, 2021, 12, 1242.	12.8	46
10	A visual index for estimating cone production for individual white spruce trees. Canadian Journal of Forest Research, 2005, 35, 3020-3026.	1.7	43
11	Mast seeding patterns are asynchronous at a continental scale. Nature Plants, 2020, 6, 460-465.	9.3	43
12	Is there tree senescence? The fecundity evidence. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	42
13	Climatic determinants of white spruce cone crops in the boreal forest of southwestern Yukon. Botany, 2012, 90, 113-119.	1.0	41
14	Biogeography and phylogeny of masting: do global patterns fit functional hypotheses?. New Phytologist, 2020, 227, 1557-1567.	7.3	41
15	Linking intraspecific variation in territory size, cone supply, and survival of North American red squirrels. Journal of Mammalogy, 2013, 94, 1048-1058.	1.3	40
16	Climate teleconnections synchronize <i>Picea glauca</i> masting and fire disturbance: Evidence for a fire-related form of environmental prediction. Journal of Ecology, 2020, 108, 1186-1198.	4.0	35
17	Climate Dipoles as Continental Drivers of Plant and Animal Populations. Trends in Ecology and Evolution, 2020, 35, 440-453.	8.7	34
18	Tree cavity availability across forest, park, and residential habitats in a highly urban area. Urban Ecosystems, 2015, 18, 151-167.	2.4	30

#	ARTICLE	IF	CITATIONS
19	North American tree migration paced by climate in the West, lagging in the East. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	27
20	Compensatory growth responses of <i>Potamogeton pectinatus</i> to foraging by migrating trumpeter swans in spring stop over areas. Aquatic Botany, 2003, 76, 235-244.	1.6	25
21	An assessment of temporal variability in mast seeding of North American Pinaceae. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200373.	4.0	23
22	Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery. Nature Communications, 2022, 13, 2381.	12.8	21
23	MASTREE+: Time-series of plant reproductive effort from six continents. Global Change Biology, 2022, 28, 3066-3082.	9.5	19
24	Variation and synchrony of tree species mast seeding in an old-growth temperate forest. Journal of Vegetation Science, 2017, 28, 413-423.	2.2	16
25	Harnessing the NEON data revolution to advance open environmental science with a diverse and data-capable community. Ecosphere, 2021, 12, .	2.2	15
26	Spatial patterns of population regulation in sage grouse (<i>Centrocercus</i> spp.) population viability analysis. Journal of Animal Ecology, 2002, 71, 672-682.	2.8	14
27	Extending Our Scientific Reach in Arboreal Ecosystems for Research and Management. Frontiers in Forests and Global Change, 2021, 4, .	2.3	14
28	Annual and monthly range fidelity of female boreal woodland caribou in response to petroleum development. Rangifer, 2010, 30, 31-44.	0.6	13
29	Tree cavity availability in urban cemeteries and city parks. Journal of Urban Ecology, 2019, 5, .	1.5	12
30	Globally, tree fecundity exceeds productivity gradients. Ecology Letters, 2022, 25, 1471-1482.	6.4	11
31	Nest selection by red-headed woodpeckers across three spatial scales in an urban environment. Urban Ecosystems, 2016, 19, 297-314.	2.4	8
32	Characteristics of ponds used by trumpeter swans in a spring migration stopover area. Canadian Journal of Zoology, 2003, 81, 1791-1798.	1.0	6
33	RED SQUIRRELS (<i>TAMIASCIURUS HUDSONICUS</i>) FEEDING ON SPRUCE BARK BEETLES (<i>DENDROCTONUS</i>)	1.3	6
34	Offspring size-number tradeoffs and food quality feedbacks impact population dynamics in a <i>Daphnia</i> algae system. Oikos, 2018, 127, 1152-1162.	2.7	6
35	Plant-available soil nutrients have a limited influence on cone production patterns of individual white spruce trees. Oecologia, 2020, 194, 101-111.	2.0	6
36	Reply to: Nutrient scarcity cannot cause mast seeding. Nature Plants, 2020, 6, 763-765.	9.3	6

#	ARTICLE	IF	CITATIONS
37	Similarity between seed rain and neighbouring mature tree communities in an old-growth temperate forest. <i>Journal of Forestry Research</i> , 2020, 31, 2435-2444.	3.6	5
38	Landsat-based detection of mast events in white spruce (<i>Picea glauca</i>) forests. <i>Remote Sensing of Environment</i> , 2021, 254, 112278.	11.0	5
39	Community stability is related to animal diversity change. <i>Ecosphere</i> , 2022, 13, .	2.2	5
40	ENERGY BALANCE OF TRUMPETER SWANS AT STOPOVER AREAS DURING SPRING MIGRATION. <i>Northwestern Naturalist</i> , 2004, 85, 104-110.	0.4	2
41	Differential defoliation and mortality of white spruce and balsam fir by eastern spruce budworm. <i>Forest Ecology and Management</i> , 2022, 508, 120042.	3.2	2
42	Clam community composition and prey shell size impacts moon snail (<i>Gastropod: Naticidae</i>) drilling frequencies in South Carolina, USA. <i>Marine Ecology</i> , 2019, 40, e12526.	1.1	1
43	Does urbanization influence population trends of cavity-nesting birds and their relationship with European starlings?. <i>Acta Oecologica</i> , 2020, 108, 103636.	1.1	1
44	Terrestrial Ecology: Natural Selection for Mast Seeding. <i>Current Biology</i> , 2020, 30, R996-R998.	3.9	1
45	Cone characteristics and insect predation levels vary across years in mast seeding white spruce. <i>Canadian Journal of Forest Research</i> , 0, , 1-8.	1.7	1