Nathan P Lemoine

List of Publications by Year
in descending order

41 papers	2,452 citations	331642 21 h-index	276858 41 g-index
44 all docs	44 docs citations	44 times ranked	4869 citing authors

#	Article	IF	Citations
1	Response of Antarctic soil fauna to climateâ€driven changes since the Last Glacial Maximum. Global Change Biology, 2022, 28, 644-653.	9.5	5
2	Impacts of Herbivory on Photosynthesis of Four Common Wisconsin Plant Species. American Midland Naturalist, 2022, 187, .	0.4	2
3	Seasonal soil moisture variability, not drought, drives differences in photosynthetic physiology of two C4 grass species. Plant Ecology, 2022, 223, 627-642.	1.6	4
4	Unifying ecosystem responses to disturbance into a single statistical framework. Oikos, 2021, 130, 408-421.	2.7	8
5	Herbivores alleviate the negative effects of extreme drought on plant community by enhancing dominant species. Journal of Plant Ecology, 2021, 14, 1030-1036.	2.3	1
6	Effects of Low-Level Artificial Light at Night on Kentucky Bluegrass and an Introduced Herbivore. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	8
7	Temporal variability in production is not consistently affected by global change drivers across herbaceous-dominated ecosystems. Oecologia, 2020, 194, 735-744.	2.0	8
8	Global change effects on plant communities are magnified by time and the number of global change factors imposed. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17867-17873.	7.1	141
9	Drought and small-bodied herbivores modify nutrient cycling in the semi-arid shortgrass steppe. Plant Ecology, 2019, 220, 227-239.	1.6	3
10	Blue grama grass genotype affects palatability and preference by semi-arid steppe grasshoppers. Acta Oecologica, 2019, 96, 43-48.	1.1	1
11	Moving beyond noninformative priors: why and how to choose weakly informative priors in Bayesian analyses. Oikos, 2019, 128, 912-928.	2.7	296
12	Considering the effects of temperatureÂÃ—Ânutrient interactions on the thermal response curve of carrying capacity. Ecology, 2019, 100, e02599.	3.2	7
13	Spatial dynamics of habitat use informs reintroduction efforts in the presence of an invasive predator. Journal of Applied Ecology, 2018, 55, 1790-1798.	4.0	11
14	Mean annual precipitation predicts primary production resistance and resilience to extreme drought. Science of the Total Environment, 2018, 636, 360-366.	8.0	109
15	Drought timing, not previous drought exposure, determines sensitivity of two shortgrass species to water stress. Oecologia, 2018, 188, 965-975.	2.0	19
16	Change in dominance determines herbivore effects on plant biodiversity. Nature Ecology and Evolution, 2018, 2, 1925-1932.	7.8	140
17	A reality check for climate change experiments: Do they reflect the real world?. Ecology, 2018, 99, 2145-2151.	3.2	48
18	Multiple facets of biodiversity drive the diversityâ€“stability relationship. Nature Ecology and Evolution, 2018, 2, 1579-1587.	7.8	296

#	Article	IF	Citations
19	Responses of plant phenology, growth, defense, and reproduction to interactive effects of warming and insect herbivory. Ecology, 2017, 98, 1817-1828.	3.2	34
20	Precipitation and environmental constraints on three aspects of flowering in three dominant tallgrass species. Functional Ecology, 2017, 31, 1894-1902.	3.6	7
21	Predation Risk Reverses the Potential Effects of Warming on Plant-Herbivore Interactions by Altering the Relative Strengths of Trait- and Density-Mediated Interactions. American Naturalist, 2017, 190, 337-349.	2.1	5
22	Asymmetric responses of primary productivity to precipitation extremes: A synthesis of grassland precipitation manipulation experiments. Global Change Biology, 2017, 23, 4376-4385.	9.5	231
23	Herbivore size matters for productivityâ€“richness relationships in A frican savannas. Journal of Ecology, 2017, 105, 674-686.	4.0	27
24	Prospective evidence for independent nitrogen and phosphorus limitation of grasshopper (Chorthippus curtipennis) growth in a tallgrass prairie. PLoS ONE, 2017, 12, e0177754.	2.5	25
25	Insect herbivores increase mortality and reduce tree seedling growth of some species in temperate forest canopy gaps. PeerJ, 2017, 5, e3102.	2.0	9
26	Meek mothers with powerful daughters: effects of novel host environments and small trait differences on parasitoid competition. Oikos, 2016, 125, 1516-1527.	2.7	2
27	Fire frequency drives habitat selection by a diverse herbivore guild impacting topâ€“down control of plant communities in an African savanna. Oikos, 2016, 125, 1636-1646.	2.7	32
28	Terrestrial Precipitation Analysis (<scp>TPA</scp>): A resource for characterizing longâ€term precipitation regimes and extremes. Methods in Ecology and Evolution, 2016, 7, 1396-1401.	5.2	23
29	Increased temperature causes protein limitation by reducing the efficiency of nitrogen digestion in the ectothermic herbivore Spodoptera exigua. Physiological Entomology, 2016, 41, 143-151.	1.5	23
30	Nutrient loading alters the performance of key nutrient exchange mutualisms. Ecology Letters, 2016, 19, 20-28.	6.4	84
31	Underappreciated problems of low replication in ecological field studies. Ecology, 2016, 97, 2554-2561.	3.2	73
32	Quantifying Differences Between Native and Introduced Species. Trends in Ecology and Evolution, 2016, 31, 372-381.	8.7	26
33	Phylogenetic relatedness and leaf functional traits, not introduced status, influence community assembly. Ecology, 2015, 96, 2605-2612.	3.2	28
34	Effects ofin situclimate warming on monarch caterpillar (Danaus plexippus) development. PeerJ, 2015, 3, e1293.	2.0	9
35	Differing nutritional constraints of consumers across ecosystems. Oecologia, 2014, 174, 1367-1376.	2.0	53
36	Variable effects of temperature on insect herbivory. PeerJ, 2014, 2, e376.	2.0	104

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37	Bidirectional trophic linkages couple canopy and understorey food webs. Functional Ecology, 2013, 27, 1436-1441.	3.6	18
38	Increased temperature alters feeding behavior of a generalist herbivore. Oikos, 2013, 122, 1669-1678.	2.7	76
39	Do invasive species perform better in their new ranges?. Ecology, 2013, 94, 985-994.	3.2	210
40	Nutrient supply from fishes facilitates macroalgae and suppresses corals in a Caribbean coral reef ecosystem. Scientific Reports, 2013, 3, 1493.	3.3	106
41	Temperatureâ€induced mismatches between consumption and metabolism reduce consumer fitness. Ecology, 2012, 93, 2483-2489.	3.2	140