James A Laundre

List of Publications by Year
in descending order

23 papers	4,770 citations	430442 18 h-index	713013 21 g-index
24 all docs	24 docs citations	24 times ranked	4789 citing authors

#	Article	IF	Citations
1	Responses of Arctic Tundra to Experimental and Observed Changes in Climate. Ecology, 1995, 76, 694-711.	1.5	1,168
2	Resource-based niches provide a basis for plant species diversity and dominance in arctic tundra. Nature, 2002, 415, 68-71.	13.7	749
3	Effects of Temperature and Substrate Quality on Element Mineralization in Six Arctic Soils. Ecology, 1991, 72, 242-253.	1.5	557
4	Global negative vegetation feedback to climate warming responses of leaf litter decomposition rates in cold biomes. Ecology Letters, 2007, 10, 619-627.	3.0	379
5	Biogeochemical Diversity Along a Riverside Toposequence in Arctic Alaska. Ecological Monographs, 1991, 61, 415-435.	2.4	366
6	SPECIES COMPOSITION INTERACTS WITH FERTILIZER TO CONTROL LONG-TERM CHANGE IN TUNDRA PRODUCTIVITY. Ecology, 2001, 82, 3163-3181.	1.5	271
7	Vascular plant species richness in Alaskan arctic tundra: the importance of soil pH. Journal of Ecology, 2000, 88, 54-66.	1.9	186
8	DEVELOPMENTAL PLASTICITY ALLOWSBETULA NANATO DOMINATE TUNDRA SUBJECTED TO AN ALTERED ENVIRONMENT. Ecology, 2001, 82, 18-32.	1.5	181
9	CLIMATIC EFFECTS ON TUNDRA CARBON STORAGE INFERRED FROM EXPERIMENTAL DATA AND A MODEL. Ecology, 1997, 78, 1170-1187.	1.5	147
10	Carbon turnover in Alaskan tundra soils: effects of organic matter quality, temperature, moisture and fertilizer. Journal of Ecology, 2006, 94, 740-753.	1.9	137
11	Nitrate is an important nitrogen source for Arctic tundra plants. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3398-3403.	3.3	102
12	Effects of drainage and temperature on carbon balance of tussock tundra micrososms. Oecologia, 1996, 108, 737-748.	0.9	99
13	Developmental Plasticity Allows Betula nana to Dominate Tundra Subjected to an Altered Environment. Ecology, 2001, 82, 18.	1.5	75
14	Interannual variability of plant phenology in tussock tundra: modelling interactions of plant productivity, plant phenology, snowmelt and soil thaw. Global Change Biology, 2003, 9, 743-758.	4.2	71
15	Changes in Live Plant Biomass, Primary Production, and Species Composition along a Riverside Toposequence in Arctic Alaska, U.S.A.. Arctic and Alpine Research, 1996, 28, 363.	1.3	67
16	RECONSTRUCTION AND ANALYSIS OF HISTORICAL CHANGES IN CARBON STORAGE IN ARCTIC TUNDRA. Ecology, 1997, 78, 1188-1198.	1.5	66
17	Title is missing!. Plant and Soil, 2002, 242, 107-113.	1.8	37
18	Exsertion, elongation, and senescence of leaves of Eriophorum vaginatum and Carex bigelowii in Northern Alaska. Global Change Biology, 1997, 3, 146-157.	4.2	31

#	Article	IF	Citations
19	Terrestrial Ecosystems at Toolik Lake, Alaska. , 2014, , 90-142.		29
20	Effects of long-term nutrient additions on Arctic tundra, stream, and lake ecosystems: beyond NPP. Oecologia, 2016, 182, 653-665.	0.9	16
21	Long-term reliability of the Figaro TGSÂ2600 solid-state methane sensor under low-Arctic conditions at Toolik Lake, Alaska. Atmospheric Measurement Techniques, 2020, 13, 2681-2695.	1.2	14
22	SPECIES COMPOSITION INTERACTS WITH FERTILIZER TO CONTROL LONG-TERM CHANGE IN TUNDRA PRODUCTIVITY. , 2001, 82, 3163.		11
23	Nitrogen dynamics in arctic tundra soils of varying age: differential responses to fertilization and warming. Oecologia, 2013, 173, 1575-1586.	0.9	10