

A Joshua Leffler

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49 papers	2,089 citations	23 h-index	45 g-index
52 ext. papers	2,350 ext. citations	4.3 avg, IF	4.63 L-index

#	Paper	IF	Citations
49	Precipitation pulses and carbon fluxes in semiarid and arid ecosystems. <i>Oecologia</i> , 2004 , 141, 254-68	2.9	815
48	Long-term tree ring chronologies from sympatric tropical dry-forest trees: individualistic responses to climatic variation. <i>Journal of Tropical Ecology</i> , 2001 , 17, 41-60	1.3	85
47	HYDRAULIC REDISTRIBUTION THROUGH THE ROOT SYSTEMS OF SENESCED PLANTS. <i>Ecology</i> , 2005 , 86, 633-642	4.6	79
46	Functional Differences in Water-Use Patterns of Contrasting Life Forms in Great Basin Steppelands. <i>Vadose Zone Journal</i> , 2010 , 9, 548-560	2.7	70
45	RAPID SOIL MOISTURE RECHARGE TO DEPTH BY ROOTS IN A STAND OF ARTEMISIA TRIDENTATA. <i>Ecology</i> , 2003 , 84, 757-764	4.6	70
44	A new perspective on trait differences between native and invasive exotic plants. <i>Ecology</i> , 2014 , 95, 298-305	4.6	66
43	Water conservation in Artemisia tridentata through redistribution of precipitation. <i>Oecologia</i> , 2004 , 141, 335-45	2.9	63
42	Root responses and nitrogen acquisition by Artemisia tridentata and Agropyron desertorum following small summer rainfall events. <i>Oecologia</i> , 2003 , 134, 317-24	2.9	62
41	Fine root distribution and persistence under field conditions of three co-occurring Great Basin species of different life form. <i>New Phytologist</i> , 2005 , 165, 171-80	9.8	52
40	Functional Differences in Soil Water Pools: a New Perspective on Plant Water Use in Water-Limited Ecosystems. <i>Progress in Botany Fortschritte Der Botanik</i> , 2008 , 397-422	0.6	51
39	Variation in carbon isotope composition among years in the riparian tree Populus fremontii. <i>Oecologia</i> , 1999 , 119, 311-319	2.9	49
38	Response of Water Vapor and CO2 Fluxes in Semiarid Lands to Seasonal and Intermittent Precipitation Pulses. <i>Journal of Hydrometeorology</i> , 2006 , 7, 995-1010	3.7	44
37	Coupled long-term summer warming and deeper snow alters species composition and stimulates gross primary productivity in tussock tundra. <i>Oecologia</i> , 2016 , 181, 287-97	2.9	44
36	Distribution of ecosystem C and N within contrasting vegetation types in a semiarid rangeland in the Great Basin, USA. <i>Biogeochemistry</i> , 2008 , 90, 291-308	3.8	42
35	Long-term increases in snow pack elevate leaf N and photosynthesis in Salix arctica : responses to a snow fence experiment in the High Arctic of NW Greenland. <i>Environmental Research Letters</i> , 2013 , 8, 025023	6.2	38
34	Landscape assessment of a stable aspen community in southern Utah, USA. <i>Forest Ecology and Management</i> , 2010 , 259, 487-495	3.9	38
33	Nitrogen acquisition by annual and perennial grass seedlings: testing the roles of performance and plasticity to explain plant invasion. <i>Plant Ecology</i> , 2011 , 212, 1601-1611	1.7	36

32	Carbon acquisition and water use in a Northern Utah <i>Juniperus osteosperma</i> (Utah juniper) population. <i>Tree Physiology</i> , 2002 , 22, 1221-30	4.2	35
31	Arctic cyclone water vapor isotopes support past sea ice retreat recorded in Greenland ice. <i>Scientific Reports</i> , 2015 , 5, 10295	4.9	33
30	Carbon isotope composition of tree leaves from Guanacaste, Costa Rica: comparison across tropical forests and tree life history. <i>Journal of Tropical Ecology</i> , 2002 , 18, 151-159	1.3	33
29	Temperature and functional traits influence differences in nitrogen uptake capacity between native and invasive grasses. <i>Oecologia</i> , 2013 , 171, 51-60	2.9	30
28	Root turnover and relocation in the soil profile in response to seasonal soil water variation in a natural stand of Utah juniper (<i>Juniperus osteosperma</i>). <i>Tree Physiology</i> , 2006 , 26, 1469-76	4.2	27
27	How much variance is explained by ecologists? Additional perspectives. <i>Oecologia</i> , 2003 , 137, 161-70	2.9	24
26	Physiological variation among <i>Populus fremontii</i> populations: short- and long-term relationships between $\delta^{13}C$ and water availability. <i>Tree Physiology</i> , 2001 , 21, 1149-55	4.2	19
25	Winter snow and spring temperature have differential effects on vegetation phenology and productivity across Arctic plant communities. <i>Global Change Biology</i> , 2021 , 27, 1572-1586	11.4	18
24	Arctic plant ecophysiology and water source utilization in response to altered snow: isotopic ($\delta^{18}O$ and δ^2H) evidence for meltwater subsidies to deciduous shrubs. <i>Oecologia</i> , 2018 , 187, 1009-1023	2.9	17
23	Shifts in depth of water extraction and photosynthetic capacity inferred from stable isotope proxies across an ecotone of <i>Juniperus osteosperma</i> (Utah juniper) and <i>Artemisia tridentata</i> (big sagebrush). <i>Journal of Ecology</i> , 2005 , 93, 783-793	6	17
22	Interactions among vegetation, climate, and herbivory control greenhouse gas fluxes in a subarctic coastal wetland. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 2960-2975	3.7	16
21	The Missing Angle: Ecosystem Consequences of Phenological Mismatch. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 885-888	10.9	15
20	Delayed herbivory by migratory geese increases summer-long CO_2 uptake in coastal western Alaska. <i>Global Change Biology</i> , 2019 , 25, 277-289	11.4	15
19	Invasion is Contingent on Species Assemblage and Invasive Species Identity in Experimental Rehabilitation Plots. <i>Rangeland Ecology and Management</i> , 2014 , 67, 657-666	2.2	14
18	Phenological mismatch between season advancement and migration timing alters Arctic plant traits. <i>Journal of Ecology</i> , 2019 , 107, 2503-2518	6	11
17	Phenological mismatch in coastal western Alaska may increase summer season greenhouse gas uptake. <i>Environmental Research Letters</i> , 2018 , 13, 044032	6.2	10
16	Migratory goose arrival time plays a larger role in influencing forage quality than advancing springs in an Arctic coastal wetland. <i>PLoS ONE</i> , 2019 , 14, e0213037	3.7	9
15	Thermal stress response in a dinoflagellate-bearing nudibranch and the octocoral on which it feeds. <i>Coral Reefs</i> , 2014 , 33, 1085-1099	4.2	9

14	Adaptive Management in EBIPM. <i>Rangelands</i> , 2012 , 34, 44-47	1.1	5
13	Cloud cover and delayed herbivory relative to timing of spring onset interact to dampen climate change impacts on net ecosystem exchange in a coastal Alaskan wetland. <i>Environmental Research Letters</i> , 2019 , 14, 084030	6.2	4
12	A new perspective on trait differences between native and invasive exotic plants: reply. <i>Ecology</i> , 2015 , 96, 1152-3	4.6	4
11	Simulation of Quaking Aspen Potential Fire Behavior in Northern Utah, USA. <i>Forests</i> , 2014 , 5, 3241-3256	2.8	3
10	Testing the Efficacy of Deuterium Application for Tracing Water Uptake in Peanuts. <i>Transactions of the ASABE</i> , 2008 , 51, 455-461	0.9	3
9	POTENTIAL CONTRIBUTION OF RESPIRATION BY ANABRUS SIMPLEX (MORMON CRICKETS) TO NET CO ₂ EXCHANGE IN THREE GREAT BASIN ECOSYSTEMS. <i>Western North American Naturalist</i> , 2007 , 67, 109-119	0.4	3
8	An Examination of Best Practices for Survey Research with Agricultural Producers. <i>Society and Natural Resources</i> , 2021 , 34, 538-549	2.4	3
7	Conceptualizing ecological restoration: a concise and adaptable framework for researchers and practitioners. <i>Restoration Ecology</i> , 2018 , 26, 1024-1028	3.1	3
6	Early Goose Arrival Increases Soil Nitrogen Availability More Than an Advancing Spring in Coastal Western Alaska. <i>Ecosystems</i> , 2020 , 23, 1309-1324	3.9	2
5	Tropical tree growth driven by dry-season climate variability. <i>Nature Geoscience</i> ,	18.3	2
4	Differential stoichiometric homeostasis and growth in two native and two invasive C grasses. <i>Oecologia</i> , 2020 , 193, 857-865	2.9	1
3	Snowier winters extend autumn availability of high-quality forage for caribou in Arctic Alaska. <i>Ecosphere</i> , 2021 , 12, e03617	3.1	0
2	What and Why: South Dakota Rangeland Livestock Producers' Usage of Parasiticides. <i>Rangeland Ecology and Management</i> , 2021 , 79, 190-200	2.2	
1	Goose Feces Effects on Subarctic Soil Nitrogen Availability and Greenhouse Gas Fluxes. <i>Ecosystems</i> , 2018 , 21, 1024-1034	3.9	