

Elizabeth A Leger

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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.

67

papers

1,588

citations

23

h-index

38

g-index

74

ext. papers

1,934

ext. citations

3.4

avg, IF

5.16

L-index

#	Paper	IF	Citations
67	Phenotypes and environment predict seedling survival for seven co-occurring Great Basin plant taxa growing with invasive grass.. <i>Ecology and Evolution</i> , 2022 , 12, e8870	2.8	0
66	Genomic and common garden approaches yield complementary results for quantifying environmental drivers of local adaptation in rubber rabbitbrush, a foundational Great Basin shrub.. <i>Evolutionary Applications</i> , 2021 , 14, 2881-2900	4.8	1
65	Using Digitized Museum Collections to Investigate Population Variation in Plants. <i>American Biology Teacher</i> , 2021 , 83, 235-239	0.3	
64	Living with exotic annual grasses in the sagebrush ecosystem. <i>Journal of Environmental Management</i> , 2021 , 288, 112417	7.9	4
63	Drivers of seedling establishment success in dryland restoration efforts. <i>Nature Ecology and Evolution</i> , 2021 , 5, 1283-1290	12.3	12
62	Selecting native plants for restoration using rapid screening for adaptive traits: methods and outcomes in a Great Basin case study. <i>Restoration Ecology</i> , 2021 , 29, e13260	3.1	9
61	Using native grass seeding and targeted spring grazing to reduce low-level <i>Bromus tectorum</i> invasion on the Colorado Plateau. <i>Biological Invasions</i> , 2021 , 23, 705-722	2.7	3
60	Local adaptation to precipitation in the perennial grass : Trade-offs between growth and drought resistance traits. <i>Evolutionary Applications</i> , 2021 , 14, 524-535	4.8	6
59	How specialized is a soil specialist? Early life history responses of a rare <i>Eriogonum</i> to site-level variation in volcanic soils. <i>American Journal of Botany</i> , 2020 , 107, 1663-1676	2.7	1
58	Seeds of Success: A conservation and restoration investment in the future of U.S. lands. <i>Conservation Science and Practice</i> , 2020 , 2, e209	2.2	3
57	Persistent Agricultural Legacy in Soil Influences Plant Restoration Success in a Great Basin Salt Desert Ecosystem. <i>Ecological Restoration</i> , 2020 , 38, 42-53	1.1	
56	Long-term vegetation responses to pinyon-juniper woodland reduction treatments in Nevada, USA. <i>Journal of Environmental Management</i> , 2019 , 242, 315-326	7.9	7
55	Seed and seedling traits have strong impacts on establishment of a perennial bunchgrass in invaded semi-arid systems. <i>Journal of Applied Ecology</i> , 2019 , 56, 1343-1354	5.8	18
54	Strong patterns of intraspecific variation and local adaptation in Great Basin plants revealed through a review of 75 years of experiments. <i>Ecology and Evolution</i> , 2019 , 9, 6259-6275	2.8	41
53	Increased soil temperature and decreased precipitation during early life stages constrain grass seedling recruitment in cold desert restoration. <i>Journal of Applied Ecology</i> , 2019 , 56, 2609-2619	5.8	21
52	Contrasting climate niches among co-occurring subdominant forbs of the sagebrush steppe. <i>Diversity and Distributions</i> , 2018 , 24, 1291-1307	5	9
51	Shrub cover and fire history predict seed bank composition in Great Basin shrublands. <i>Journal of Arid Environments</i> , 2018 , 154, 40-50	2.5	6

50	Combining active restoration and targeted grazing to establish native plants and reduce fuel loads in invaded ecosystems. <i>Ecology and Evolution</i> , 2018 , 8, 12533-12546	2.8	14
49	Restoring dryland old fields with native shrubs and grasses: Does facilitation and seed source matter?. <i>PLoS ONE</i> , 2018 , 13, e0205760	3.7	2
48	Development of remote sensing indicators for mapping episodic die-off of an invasive annual grass (Bromus tectorum) from the Landsat archive. <i>Ecological Indicators</i> , 2017 , 79, 173-181	5.8	19
47	Genecology of Thurber's Needlegrass (Achnatherum thurberianum [Piper] Barkworth) in the Western United States. <i>Rangeland Ecology and Management</i> , 2017 , 70, 509-517	2.2	4
46	Invasive Bromus tectorum alters natural selection in arid systems. <i>Journal of Ecology</i> , 2017 , 105, 1509-1520	5.0	20
45	Climate variability affects the germination strategies exhibited by arid land plants. <i>Oecologia</i> , 2017 , 185, 437-452	2.9	19
44	Restoration islands: a tool for efficiently restoring dryland ecosystems?. <i>Restoration Ecology</i> , 2017 , 25, S124	3.1	38
43	Cheatgrass Die-Offs: A Unique Restoration Opportunity in Northern Nevada. <i>Rangelands</i> , 2017 , 39, 165-173	1.7	3
42	Cheatgrass die-offs as an opportunity for restoration in the Great Basin, USA: Will local or commercial native plants succeed where exotic invaders fail?. <i>Journal of Arid Environments</i> , 2016 , 124, 193-204	2.5	10
41	Development of single-nucleotide polymorphism markers for (Poaceae) from a partially sequenced transcriptome. <i>Applications in Plant Sciences</i> , 2016 , 4, 1600068	2.3	3
40	Secondary Succession in the Sagebrush Semidesert 66 Years After Fire in the Great Basin, USA. <i>Natural Areas Journal</i> , 2016 , 36, 187-193	0.8	32
39	Strong genetic differentiation in the invasive annual grass Bromus tectorum across the Mojave-Great Basin ecological transition zone. <i>Biological Invasions</i> , 2016 , 18, 1611-1628	2.7	10
38	What Seeds to Plant in the Great Basin? Comparing Traits Prioritized in Native Plant Cultivars and Releases with those that Promote Survival in the Field. <i>Natural Areas Journal</i> , 2015 , 35, 54-68	0.8	51
37	Seedling root traits strongly influence field survival and performance of a common bunchgrass. <i>Basic and Applied Ecology</i> , 2015 , 16, 128-140	3.2	19
36	Self-reported adverse tattoo reactions: a New York City Central Park study. <i>Contact Dermatitis</i> , 2015 , 73, 91-9	2.7	22
35	Emergence and early survival of early versus late seral species in Great Basin restoration in two different soil types. <i>Applied Vegetation Science</i> , 2015 , 18, 624-636	3.3	6
34	Natural selection favors root investment in native grasses during restoration of invaded fields. <i>Journal of Arid Environments</i> , 2015 , 116, 11-17	2.5	15
33	Plastic responses of native plant root systems to the presence of an invasive annual grass. <i>American Journal of Botany</i> , 2015 , 102, 73-84	2.7	8

32	Can native annual forbs reduce <i>Bromus tectorum</i> biomass and indirectly facilitate establishment of a native perennial grass?. <i>Journal of Arid Environments</i> , 2014 , 102, 9-16	2.5	23
31	Grasses for biofuels: A low water-use alternative for cold desert agriculture?. <i>Biomass and Bioenergy</i> , 2014 , 66, 133-142	5.3	13
30	Arid old-field restoration: Native perennial grasses suppress weeds and erosion, but also suppress native shrubs. <i>Agriculture, Ecosystems and Environment</i> , 2014 , 184, 135-144	5.7	28
29	First-Year Establishment, Biomass and Seed Production of Early vs. Late Seral Natives in Two Medusahead (<i>Taeniatherum caput-medusae</i>) Invaded Soils. <i>Invasive Plant Science and Management</i> , 2014 , 7, 291-302	1	11
28	Patient perspectives on medical photography in dermatology. <i>Dermatologic Surgery</i> , 2014 , 40, 1028-37	1.7	34
27	Cultivation legacies alter soil nutrients and differentially affect plant species performance nearly a century after abandonment. <i>Plant Ecology</i> , 2013 , 214, 831-844	1.7	8
26	Annual plants change in size over a century of observations. <i>Global Change Biology</i> , 2013 , 19, 2229-39	11.4	15
25	Strong natural selection during plant restoration favors an unexpected suite of plant traits. <i>Evolutionary Applications</i> , 2013 , 6, 510-23	4.8	55
24	Farmer's Market, Demonstration Gardens, and Research Projects Expand Outreach of Extension Master Gardeners. <i>HortTechnology</i> , 2013 , 23, 411-415	1.3	2
23	Seed Source Affects Establishment of <i>Elymus multisetus</i> in Postfire Revegetation in the Great Basin. <i>Western North American Naturalist</i> , 2012 , 72, 543-553	0.4	13
22	Shifting Baselines: Dynamics of Evolution and Community Change in a Changing World 2012 , 281-292		4
21	Postfire Seeding and Plant Community Recovery in the Great Basin. <i>Rangeland Ecology and Management</i> , 2012 , 65, 171-181	2.2	26
20	Native perennial grasses show evolutionary response to <i>Bromus tectorum</i> (cheatgrass) invasion. <i>PLoS ONE</i> , 2011 , 6, e18145	3.7	60
19	A climatically extreme year has large impacts on C4 species in tallgrass prairie ecosystems but only minor effects on species richness and other plant functional groups. <i>Journal of Ecology</i> , 2011 , 99, 678-688	6	31
18	Competitive seedlings and inherited traits: a test of rapid evolution of <i>Elymus multisetus</i> (big squirreltail) in response to cheatgrass invasion. <i>Evolutionary Applications</i> , 2011 , 4, 485-98	4.8	70
17	Invasion triangle: an organizational framework for species invasion. <i>Ecology and Evolution</i> , 2011 , 1, 610-258		44
16	Comparison of Seed Bank Estimation Techniques Using Six Weed Species in Two Soil Types. <i>Rangeland Ecology and Management</i> , 2010 , 63, 243-247	2.2	26
15	Inbreeding, Genetic Variation, and Invasiveness: The Strange Case of <i>Bromus tectorum</i> . <i>Rangelands</i> , 2010 , 32, 6-11	1.1	6

14	The shifting balance of facilitation and competition affects the outcome of intra- and interspecific interactions over the life history of California grassland annuals. <i>Plant Ecology</i> , 2010 , 208, 333-345	1.7	39
13	Coevolution between native and invasive plant competitors: implications for invasive species management. <i>Evolutionary Applications</i> , 2010 , 3, 169-78	4.8	61
12	Colonization, abundance, and geographic range size of gravestone lichens. <i>Basic and Applied Ecology</i> , 2009 , 10, 279-287	3.2	11
11	Sowing (and mapping) the wild oats. <i>Molecular Ecology</i> , 2009 , 18, 3759-60	5.7	
10	Genetic variation and local adaptation at a cheatgrass (<i>Bromus tectorum</i>) invasion edge in western Nevada. <i>Molecular Ecology</i> , 2009 , 18, 4366-79	5.7	78
9	Cold Desert Fire and Invasive Species Management: Resources, Strategies, Tactics, and Response. <i>Rangelands</i> , 2009 , 31, 14-20	1.1	5
8	The adaptive value of remnant native plants in invaded communities: an example from the Great Basin 2008 , 18, 1226-35		73
7	Effects of experimental manipulation of light and nutrients on establishment of seedlings of native and invasive woody species in Long Island, NY forests. <i>Biological Invasions</i> , 2008 , 10, 821-831	2.7	30
6	Assessing the speed and predictability of local adaptation in invasive California poppies (<i>Eschscholzia californica</i>). <i>Journal of Evolutionary Biology</i> , 2007 , 20, 1090-103	2.3	97
5	Increased resistance to generalist herbivores in invasive populations of the California poppy (<i>Eschscholzia californica</i>). <i>Diversity and Distributions</i> , 2005 , 11, 311-317	5	29
4	Invasive California poppies (<i>Eschscholzia californica</i> Cham.) grow larger than native individuals under reduced competition. <i>Ecology Letters</i> , 2003 , 6, 257-264	10	174
3	Clopyralid effects on yellow starthistle (<i>Centaurea solstitialis</i>) and nontarget species. <i>Weed Science</i> , 2003 , 51, 596-600	2	11
2	Comb wax effects on the ontogeny of honey bee nestmate recognition. <i>Animal Behaviour</i> , 1998 , 55, 13-208		73
1	Integrating evolutionary potential and ecological function into agricultural seed production to meet demands for the decade of restoration. <i>Restoration Ecology</i> , e13543	3.1	0