

Sally E Koerner

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,439
citations

230014

27
h-index

286692

43
g-index

46
all docs

46
docs citations

46
times ranked

3949
citing authors

#	ARTICLE	IF	CITATIONS
1	Understory dynamics in North Carolina longleaf pine savannas: Biodiversity, dominance, and biomass. <i>Journal of Vegetation Science</i> , 2022, 33, .	1.1	1
2	Do trade-offs govern plant species' responses to different global change treatments?. <i>Ecology</i> , 2022, 103, e3626.	1.5	5
3	Richness, not evenness, varies across water availability gradients in grassy biomes on five continents. <i>Oecologia</i> , 2022, 199, 649-659.	0.9	5
4	Determinants of community compositional change are equally affected by global change. <i>Ecology Letters</i> , 2021, 24, 1892-1904.	3.0	27
5	Functional diversity response to geographic and experimental precipitation gradients varies with plant community type. <i>Functional Ecology</i> , 2021, 35, 2119-2132.	1.7	13
6	Heatwave implications for the future of longleaf pine savanna understory restoration. <i>Plant Ecology</i> , 2021, , 1-13.	0.7	2
7	Mass ratio effects underlie ecosystem responses to environmental change. <i>Journal of Ecology</i> , 2020, 108, 855-864.	1.9	31
8	Improving collaborations between empiricists and modelers to advance grassland community dynamics in ecosystem models. <i>New Phytologist</i> , 2020, 228, 1467-1471.	3.5	5
9	Temporal variability in production is not consistently affected by global change drivers across herbaceous-dominated ecosystems. <i>Oecologia</i> , 2020, 194, 735-744.	0.9	8
10	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. <i>Nature Communications</i> , 2020, 11, 5375.	5.8	75
11	Rapid recovery of ecosystem function following extreme drought in a South African savanna grassland. <i>Ecology</i> , 2020, 101, e02983.	1.5	55
12	Global change effects on plant communities are magnified by time and the number of global change factors imposed. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17867-17873.	3.3	141
13	A comprehensive approach to analyzing community dynamics using rank abundance curves. <i>Ecosphere</i> , 2019, 10, e02881.	1.0	79
14	Temporal heterogeneity increases with spatial heterogeneity in ecological communities. <i>Ecology</i> , 2018, 99, 858-865.	1.5	56
15	Ecological consequences of forest elephant declines for Afrotropical forests. <i>Conservation Biology</i> , 2018, 32, 559-567.	2.4	57
16	Change in dominance determines herbivore effects on plant biodiversity. <i>Nature Ecology and Evolution</i> , 2018, 2, 1925-1932.	3.4	140
17	Ambient changes exceed treatment effects on plant species abundance in global change experiments. <i>Global Change Biology</i> , 2018, 24, 5668-5679.	4.2	25
18	Poaching empties critical Central African wilderness of forest elephants. <i>Current Biology</i> , 2017, 27, R134-R135.	1.8	80

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19	Asymmetric responses of primary productivity to precipitation extremes: A synthesis of grassland precipitation manipulation experiments. <i>Global Change Biology</i> , 2017, 23, 4376-4385.	4.2	231
20	Forest structure determines the abundance and distribution of large lianas in Gabon. <i>Global Ecology and Biogeography</i> , 2017, 26, 472-485.	2.7	22
21	Asynchrony among local communities stabilises ecosystem function of metacommunities. <i>Ecology Letters</i> , 2017, 20, 1534-1545.	3.0	136
22	Vertebrate community composition and diversity declines along a defaunation gradient radiating from rural villages in Gabon. <i>Journal of Applied Ecology</i> , 2017, 54, 805-814.	1.9	55
23	Deadwood stocks increase with selective logging and large tree frequency in Gabon. <i>Global Change Biology</i> , 2017, 23, 1648-1660.	4.2	18
24	Critical climate periods for grassland productivity on China's Loess Plateau. <i>Agricultural and Forest Meteorology</i> , 2017, 233, 101-109.	1.9	61
25	Herbivore size matters for productivity- richness relationships in African savannas. <i>Journal of Ecology</i> , 2017, 105, 674-686.	1.9	27
26	Fire frequency drives habitat selection by a diverse herbivore guild impacting top-down control of plant communities in an African savanna. <i>Oikos</i> , 2016, 125, 1636-1646.	1.2	32
27	Wanted: new allometric equations for large lianas African lianas. <i>Biotropica</i> , 2016, 48, 561-564.	0.8	8
28	Soil microbial respiration rate and temperature sensitivity along a north-south forest transect in eastern China: Patterns and influencing factors. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 399-410.	1.3	45
29	Shared Drivers but Divergent Ecological Responses: Insights from Long-Term Experiments in Mesic Savanna Grasslands. <i>BioScience</i> , 2016, 66, 666-682.	2.2	20
30	Nutrient additions cause divergence of tallgrass prairie plant communities resulting in loss of ecosystem stability. <i>Journal of Ecology</i> , 2016, 104, 1478-1487.	1.9	43
31	Top-down and bottom-up interactions determine tree and herbaceous layer dynamics in savanna grasslands. , 2015, , 86-106.		2
32	A framework for quantifying the magnitude and variability of community responses to global change drivers. <i>Ecosphere</i> , 2015, 6, 1-14.	1.0	51
33	Invasibility of a mesic grassland depends on the time-scale of fluctuating resources. <i>Journal of Ecology</i> , 2015, 103, 1538-1546.	1.9	14
34	Characterizing differences in precipitation regimes of extreme wet and dry years: implications for climate change experiments. <i>Global Change Biology</i> , 2015, 21, 2624-2633.	4.2	233
35	Too wet for frogs: changes in a tropical leaf litter community coincide with La Niña. <i>Ecosphere</i> , 2015, 6, 1-10.	1.0	12
36	Plant community response to loss of large herbivores differs between North American and South African savanna grasslands. <i>Ecology</i> , 2014, 95, 808-816.	1.5	70

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37	Responses to fire differ between South African and North American grassland communities. <i>Journal of Vegetation Science</i> , 2014, 25, 793-804.	1.1	44
38	Rainfall variability has minimal effects on grassland recovery from repeated grazing. <i>Journal of Vegetation Science</i> , 2014, 25, 36-44.	1.1	30
39	Loss of a large grazer impacts savanna grassland plant communities similarly in North America and South Africa. <i>Oecologia</i> , 2014, 175, 293-303.	0.9	31
40	Interactive effects of grazing, drought, and fire on grassland plant communities in North America and South Africa. <i>Ecology</i> , 2014, 95, 98-109.	1.5	145
41	Changes in plant community composition, not diversity, during a decade of nitrogen and phosphorus additions drive above-ground productivity in a tallgrass prairie. <i>Journal of Ecology</i> , 2014, 102, 1649-1660.	1.9	145
42	Toward a better integration of biological data from precipitation manipulation experiments into Earth system models. <i>Reviews of Geophysics</i> , 2014, 52, 412-434.	9.0	39
43	Small-scale patch structure in North American and South African grasslands responds differently to fire and grazing. <i>Landscape Ecology</i> , 2013, 28, 1293-1306.	1.9	37
44	Stability of tallgrass prairie during a 19-year increase in growing season precipitation. <i>Functional Ecology</i> , 2012, 26, 1450-1459.	1.7	81