Laura Yahdjian

List of Publications by Year
in descending order

37	3,560	304743	345221
papers	citations	22 h-index	36 g-index

37	37	37	4849
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Water pulses and biogeochemical cycles in arid and semiarid ecosystems. Oecologia, 2004, 141, 221-235.	2.0	1,119
2	A rainout shelter design for intercepting different amounts of rainfall. Oecologia, 2002, 133, 95-101.	2.0	328
3	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
4	VEGETATION STRUCTURE CONSTRAINS PRIMARY PRODUCTION RESPONSE TO WATER AVAILABILITY IN THE PATAGONIAN STEPPE. Ecology, 2006, 87, 952-962.	3.2	213
5	Early stage litter decomposition across biomes. Science of the Total Environment, 2018, 628-629, 1369-1394.	8.0	177
6	Local loss and spatial homogenization of plant diversity reduce ecosystem multifunctionality. Nature Ecology and Evolution, 2018, 2, 50-56.	7.8	172
7	Nitrogen limitation in arid-subhumid ecosystems: A meta-analysis of fertilization studies. Journal of Arid Environments, 2011, 75, 675-680.	2.4	149
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	Rangeland ecosystem services: shifting focus from supply to reconciling supply and demand. Frontiers in Ecology and the Environment, 2015, 13, 44-51.	4.0	139
10	Differential Controls of Water Input on Litter Decomposition and Nitrogen Dynamics in the Patagonian Steppe. Ecosystems, 2006, 9, 128-141.	3.4	137
11	Pushing precipitation to the extremes in distributed experiments: recommendations for simulating wet and dry years. Global Change Biology, 2017, 23, 1774-1782.	9.5	132
12	Size of Precipitation Pulses Controls Nitrogen Transformation and Losses in an Arid Patagonian Ecosystem. Ecosystems, 2010, 13, 575-585.	3.4	77
13	Soil net nitrogen mineralisation across global grasslands. Nature Communications, 2019, 10, 4981.	12.8	57
14	Nutrient addition increases grassland sensitivity to droughts. Ecology, 2020, 101, e02981.	3.2	44
15	Rangeland Ecosystem Services: Natureâ€™s Supply and Humansâ€™ Demand. Springer Series on Environmental Management, 2017, , 467-489.	0.3	43
16	Do soil organisms affect aboveground litter decomposition in the semiarid Patagonian steppe, Argentina?. Oecologia, 2012, 168, 221-230.	2.0	41
17	Preference for different inorganic nitrogen forms among plant functional types and species of the Patagonian steppe. Oecologia, 2013, 173, 1075-1081.	2.0	41
18	Negative effects of nitrogen override positive effects of phosphorus on grassland legumes worldwide. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	40

#	Article	IF	Citations
19	Climate modifies response of non-native and native species richness to nutrient enrichment. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150273.	4.0	34
20	Microbial processing of plant remains is coâ€limited by multiple nutrients in global grasslands. Global Change Biology, 2020, 26, 4572-4582.	9.5	27
21	Do litter decomposition and nitrogen mineralization show the same trend in the response to dry and wet years in the Patagonian steppe?. Journal of Arid Environments, 2008, 72, 687-695.	2.4	25
22	Globalâ€change drivers of ecosystem functioning modulated by natural variability and saturating responses. Global Change Biology, 2017, 23, 503-511.	9.5	25
23	Global impacts of fertilization and herbivore removal on soil net nitrogen mineralization are modulated by local climate and soil properties. Global Change Biology, 2020, 26, 7173-7185.	9.5	25
24	Climate Change Impacts on South American Rangelands. Rangelands, 2008, 30, 34-39.	1.9	21
25	Plant functional composition affects soil processes in novel successional grasslands. Functional Ecology, 2017, 31, 1813-1823.	3.6	19
26	Grasses have larger response than shrubs to increased nitrogen availability: A fertilization experiment in the Patagonian steppe. Journal of Arid Environments, 2014, 102, 17-20.	2.4	18
27	Nutrient identity modifies the destabilising effects of eutrophication in grasslands. Ecology Letters, 2022, 25, 754-765.	6.4	17
28	Soil ecosystem function under native and exotic plant assemblages as alternative states of successional grasslands. Acta Oecologica, 2014, 54, 4-12.	1.1	14
29	Why Coordinated Distributed Experiments Should Go Global. BioScience, 2021, 71, 918-927.	4.9	12
30	Increased litter decomposition rates of exotic invasive species Hieracium pilosella (Asteraceae) in Southern Patagonia, Argentina. Plant Ecology, 2019, 220, 393-403.	1.6	10
31	Plant quality and primary productivity modulate plant biomass responses to the joint effects of grazing and fertilization in a mesic grassland. Applied Vegetation Science, 2021, 24, e12588.	1.9	9
32	Soil arthropod composition differs between old-fields dominated by exotic plant species and remnant native grasslands. Acta Oecologica, 2018, 91, 57-64.	1.1	6
33	Livestock exclusion reduces the temporal stability of grassland productivity regardless of eutrophication. Science of the Total Environment, 2022, 817, 152707.	8.0	6
34	Soil bacterial communities remain altered after 30Âyears of agriculture abandonment in Pampa grasslands. Oecologia, 2020, 193, 959-968.	2.0	5
35	Forage provision is more affected by droughts in arid and semiâ€arid than in mesic rangelands. Journal of Applied Ecology, 2022, 59, 2404-2418.	4.0	4
36	VEGETATION STRUCTURE CONSTRAINS PRIMARY PRODUCTION RESPONSE TO WATER AVAILABILITY IN THE PATAGONIAN STEPPE. , 2006, 87, 952.		1

#	Article	IF	Citations
37	IntensificaciÃ³n de la ganaderÃa en tiempos de cambio climÃ¡tico: DesafÃos del pastoreo domÃ©stico en las zonas Ã¡ridas de la Patagonia argentina. Metode, 2022, , .	0.1	1