Alejandro J Bisigato

List of Publications by Year in Descending Order

41 papers	1,152 citations	18 h-index	33 g-index
42 ext. papers	1,256 ext. citations	3.3 avg, IF	4.18 L-index

#	Paper	IF	Citations
41	Soil erosion facilitates shrub encroachment in Patagonian herbaceous steppes. *Land Degradation and Development*, **2021**, 32, 3377-3385	4.4	1
40	Shrub-dwelling arthropod assemblages respond differently to grazing disturbance in the southern Monte, Argentina. *Journal of Arid Environments*, **2021**, 188, 104384	2.5	0
39	Native shrubs and their importance for arthropod diversity in the southern Monte, Patagonia, Argentina. *Journal of Insect Conservation*, **2021**, 25, 27-38	2.1	
38	Vegetation of Patagonia. *Natural and Social Sciences of Patagonia*, **2020**, 85-102	0.4	
37	Environmental controls of plant phenology in twelve desert plant species in the Patagonian Monte, Argentina. *Acta Oecologica*, **2020**, 108, 103656	1.7	3
36	Risks of Neglecting Phenology When Assessing Climatic Controls of Primary Production. *Ecosystems* , **2020**, 23, 164-174	3.9	1
35	Conspecific leaf litter and root competition inhibits shrub emergence in the Patagonian steppe. *Plant Ecology*, **2019**, 220, 985-993	1.7	2
34	Geomorphology, soil and vegetation patterns in an arid ecotone. *Catena*, **2019**, 174, 353-361	5.8	10
33	Land degradation affects shrub growth responses to precipitation in a semiarid rangeland of north-eastern Patagonia (Argentina). *Austral Ecology*, **2018**, 43, 280-287	1.5	6
32	Stress-gradient hypothesis and plant distribution along ecotonal gradients. *Austral Ecology*, **2018**, 43, 807-816	1.5	5
31	Geomorphology and soils control vegetation heterogeneity through differential species establishment at an arid ecotone. *Journal of Arid Environments*, **2017**, 147, 83-89	2.5	3
30	Regional-scale vegetation heterogeneity in northeastern Patagonia: Environmental and spatial components. *Community Ecology*, **2016**, 17, 8-16	1.2	7
29	Plant production along a grazing gradient in a semiarid Patagonian rangeland, Argentina. *Plant Ecology*, **2016**, 217, 1553-1562	1.7	5
28	Interacting effects of soil degradation and precipitation on plant productivity in NE Patagonia, Argentina. *Arid Land Research and Management*, **2016**, 30, 79-88	1.8	6
27	Leaf traits, water stress, and insect herbivory: Is food selection a hierarchical process?. *Arthropod-Plant Interactions*, **2015**, 9, 477-485	2.2	10
26	SOIL EROSION IN THREE GRAZED PLANT COMMUNITIES IN NORTHEASTERN PATAGONIA. *Land Degradation and Development*, **2014**, 25, 594-603	4.4	56
25	Soil as a capacitor: Considering soil water content improves temporal models of productivity. *Journal of Arid Environments*, **2013**, 98, 88-92	2.5	17

24	Plant phenology as affected by land degradation in the arid Patagonian Monte, Argentina: A multivariate approach. *Journal of Arid Environments*, **2013**, 91, 79-87	2.5	13
23	Correlations between physical and chemical defences in plants: tradeoffs, syndromes, or just many different ways to skin a herbivorous cat?. *New Phytologist*, **2013**, 198, 252-263	9.8	94
22	Putting plant resistance traits on the map: a test of the idea that plants are better defended at lower latitudes. *New Phytologist*, **2011**, 191, 777-788	9.8	126
21	What causes changes in plant litter quality and quantity as consequence of grazing in the Patagonian Monte: Plant cover reduction or changes in species composition?. *Austral Ecology*, **2010**, 35, 787-793	1.5	8
20	Allocation of biomass and photoassimilates in juvenile plants of six Patagonian species in response to five water supply regimes. *Annals of Botany*, **2010**, 106, 297-307	4.1	26
19	Ecohydrological effects of grazing-induced degradation in the Patagonian Monte, Argentina. *Austral Ecology*, **2009**, 34, 545-557	1.5	24
18	Range and livestock production in the Monte Desert, Argentina. *Journal of Arid Environments*, **2009**, 73, 228-237	2.5	47
17	Vegetation heterogeneity in Monte Desert ecosystems: A multi-scale approach linking patterns and processes. *Journal of Arid Environments*, **2009**, 73, 182-191	2.5	79
16	Non-linear relationships between grazing pressure and conservation of soil resources in Patagonian Monte shrublands. *Journal of Arid Environments*, **2008**, 72, 1464-1475	2.5	33
15	Are fine roots of both shrubs and perennial grasses able to occupy the upper soil layer? A case study in the arid Patagonian Monte with non-seasonal precipitation. *Plant and Soil*, **2007**, 300, 281-288	4.2	41
14	Abundance and spatial patterning of coexisting perennial grasses in grazed shrublands of the Patagonian Monte. *Journal of Arid Environments*, **2007**, 70, 316-328	2.5	36
13	Effect of grazing on plant patterns in arid ecosystems of Patagonian Monte. *Ecography*, **2005**, 28, 561-576	4.5	46
12	Seedling recruitment of perennial grasses in degraded areas of the Patagonian Monte. *Journal of Range Management*, **2004**, 57,		1
11	Seedling recruitment of perennial grasses in degraded areas of the Patagonian Monte. *Rangeland Ecology and Management*, **2004**, 57, 191-196	2.2	1
10	Seedling Recruitment of Perennial Grasses in Degraded Areas of the Patagonian Monte. *Journal of Range Management*, **2004**, 57, 191		18
9	Modeling and Measurement of Structural Changes at a Landscape Scale in Dryland Areas. *Environmental Modeling and Assessment*, **2003**, 8, 1-13	2	27
8	Estimates of dryland degradation in Argentina with Fourier signatures from low-altitude monochromatic images with high spatial resolution. *Landscape Ecology*, **2003**, 18, 51-63	4.3	10
7	Detection of process-related changes in plant patterns at extended spatial scales during early dryland desertification. *Global Change Biology*, **2003**, 9, 1643-1659	11.4	32

6	Multiscale indicators of land degradation in the Patagonian Monte, Argentina. *Environmental Management*, **2002**, 30, 704-15	3.1	44
5	Gap colonization in the Patagonian semidesert: seed bank and diaspore morphology. *Ecography*, **2002**, 25, 336-344	6.5	25
4	Spatial sex segregation in the dioecious grass Poa ligularis in northern Patagonia: the role of environmental patchiness. *Biodiversity and Conservation*, **2002**, 11, 69-84	3.4	49
3	Assessment of pristine vegetation structure in semiarid shrublands based on spatial explicit modeling. *Phytocoenologia*, **2002**, 32, 581-594	2	13
2	Seedling emergence and survival in contrasting soil microsites in Patagonian Monte shrubland. *Journal of Vegetation Science*, **1999**, 10, 335-342	3.1	43
1	Grazing effects on patchy dryland vegetation in northern Patagonia. *Journal of Arid Environments*, **1997**, 36, 639-653	2.5	183