

Alejandro J Bisigato

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.

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	Grazing effects on patchy dryland vegetation in northern Patagonia. <i>Journal of Arid Environments</i> , 1997 , 36, 639-653	2.5	183
40	Putting plant resistance traits on the map: a test of the idea that plants are better defended at lower latitudes. <i>New Phytologist</i> , 2011 , 191, 777-788	9.8	126
39	Correlations between physical and chemical defences in plants: tradeoffs, syndromes, or just many different ways to skin a herbivorous cat?. <i>New Phytologist</i> , 2013 , 198, 252-263	9.8	94
38	Vegetation heterogeneity in Monte Desert ecosystems: A multi-scale approach linking patterns and processes. <i>Journal of Arid Environments</i> , 2009 , 73, 182-191	2.5	79
37	SOIL EROSION IN THREE GRAZED PLANT COMMUNITIES IN NORTHEASTERN PATAGONIA. <i>Land Degradation and Development</i> , 2014 , 25, 594-603	4.4	56
36	Spatial sex segregation in the dioecious grass <i>Poa ligularis</i> in northern Patagonia: the role of environmental patchiness. <i>Biodiversity and Conservation</i> , 2002 , 11, 69-84	3.4	49
35	Range and livestock production in the Monte Desert, Argentina. <i>Journal of Arid Environments</i> , 2009 , 73, 228-237	2.5	47
34	Effect of grazing on plant patterns in arid ecosystems of Patagonian Monte. <i>Ecography</i> , 2005 , 28, 561-572	2.5	46
33	Multiscale indicators of land degradation in the Patagonian Monte, Argentina. <i>Environmental Management</i> , 2002 , 30, 704-15	3.1	44
32	Seedling emergence and survival in contrasting soil microsites in Patagonian Monte shrubland. <i>Journal of Vegetation Science</i> , 1999 , 10, 335-342	3.1	43
31	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. <i>Plant and Soil</i> , 2007 , 300, 281-288	4.2	41
30	Abundance and spatial patterning of coexisting perennial grasses in grazed shrublands of the Patagonian Monte. <i>Journal of Arid Environments</i> , 2007 , 70, 316-328	2.5	36
29	Non-linear relationships between grazing pressure and conservation of soil resources in Patagonian Monte shrublands. <i>Journal of Arid Environments</i> , 2008 , 72, 1464-1475	2.5	33
28	Detection of process-related changes in plant patterns at extended spatial scales during early dryland desertification. <i>Global Change Biology</i> , 2003 , 9, 1643-1659	11.4	32
27	Modeling and Measurement of Structural Changes at a Landscape Scale in Dryland Areas. <i>Environmental Modeling and Assessment</i> , 2003 , 8, 1-13	2	27
26	Allocation of biomass and photoassimilates in juvenile plants of six Patagonian species in response to five water supply regimes. <i>Annals of Botany</i> , 2010 , 106, 297-307	4.1	26
25	Gap colonization in the Patagonian semidesert: seed bank and diaspore morphology. <i>Ecography</i> , 2002 , 25, 336-344	6.5	25

24	Ecohydrological effects of grazing-induced degradation in the Patagonian Monte, Argentina. <i>Austral Ecology</i> , 2009 , 34, 545-557	1.5	24
23	Seedling Recruitment of Perennial Grasses in Degraded Areas of the Patagonian Monte. <i>Journal of Range Management</i> , 2004 , 57, 191		18
22	Soil as a capacitor: Considering soil water content improves temporal models of productivity. <i>Journal of Arid Environments</i> , 2013 , 98, 88-92	2.5	17
21	Plant phenology as affected by land degradation in the arid Patagonian Monte, Argentina: A multivariate approach. <i>Journal of Arid Environments</i> , 2013 , 91, 79-87	2.5	13
20	Assessment of pristine vegetation structure in semiarid shrublands based on spatial explicit modeling. <i>Phytocoenologia</i> , 2002 , 32, 581-594	2	13
19	Leaf traits, water stress, and insect herbivory: Is food selection a hierarchical process?. <i>Arthropod-Plant Interactions</i> , 2015 , 9, 477-485	2.2	10
18	Estimates of dryland degradation in Argentina with Fourier signatures from low-altitude monochromatic images with high spatial resolution. <i>Landscape Ecology</i> , 2003 , 18, 51-63	4.3	10
17	Geomorphology, soil and vegetation patterns in an arid ecotone. <i>Catena</i> , 2019 , 174, 353-361	5.8	10
16	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?. <i>Austral Ecology</i> , 2010 , 35, 787-793	1.5	8
15	Regional-scale vegetation heterogeneity in northeastern Patagonia: Environmental and spatial components. <i>Community Ecology</i> , 2016 , 17, 8-16	1.2	7
14	Land degradation affects shrub growth responses to precipitation in a semiarid rangeland of north-eastern Patagonia (Argentina). <i>Austral Ecology</i> , 2018 , 43, 280-287	1.5	6
13	Interacting effects of soil degradation and precipitation on plant productivity in NE Patagonia, Argentina. <i>Arid Land Research and Management</i> , 2016 , 30, 79-88	1.8	6
12	Plant production along a grazing gradient in a semiarid Patagonian rangeland, Argentina. <i>Plant Ecology</i> , 2016 , 217, 1553-1562	1.7	5
11	Stress-gradient hypothesis and plant distribution along ecotonal gradients. <i>Austral Ecology</i> , 2018 , 43, 807-816	1.5	5
10	Geomorphology and soils control vegetation heterogeneity through differential species establishment at an arid ecotone. <i>Journal of Arid Environments</i> , 2017 , 147, 83-89	2.5	3
9	Environmental controls of plant phenology in twelve desert plant species in the Patagonian Monte, Argentina. <i>Acta Oecologica</i> , 2020 , 108, 103656	1.7	3
8	Conspecific leaf litter and root competition inhibits shrub emergence in the Patagonian steppe. <i>Plant Ecology</i> , 2019 , 220, 985-993	1.7	2
7	Seedling recruitment of perennial grasses in degraded areas of the Patagonian Monte. <i>Journal of Range Management</i> , 2004 , 57,		1

6	Seedling recruitment of perennial grasses in degraded areas of the Patagonian Monte. <i>Rangeland Ecology and Management</i> , 2004 , 57, 191-196	2.2	1
5	Soil erosion facilitates shrub encroachment in Patagonian herbaceous steppes. <i>Land Degradation and Development</i> , 2021 , 32, 3377-3385	4.4	1
4	Risks of Neglecting Phenology When Assessing Climatic Controls of Primary Production. <i>Ecosystems</i> , 2020 , 23, 164-174	3.9	1
3	Shrub-dwelling arthropod assemblages respond differently to grazing disturbance in the southern Monte, Argentina. <i>Journal of Arid Environments</i> , 2021 , 188, 104384	2.5	0
2	Vegetation of Patagonia. <i>Natural and Social Sciences of Patagonia</i> , 2020 , 85-102	0.4	
1	Native shrubs and their importance for arthropod diversity in the southern Monte, Patagonia, Argentina. <i>Journal of Insect Conservation</i> , 2021 , 25, 27-38	2.1	