Pedro Daleo

List of Publications by Year
in descending order

52 papers	2,828 citations	236925 25 h-index	175258 52 g-index
55 all docs	55 docs citations	55 times ranked	3673 citing authors

#	Article	IF	Citations
1	Herbivores and nutrients control grassland plant diversity via light limitation. Nature, 2014, 508, 517-520.	27.8	669
2	Eutrophication weakens stabilizing effects of diversity in natural grasslands. Nature, 2014, 508, 521-525.	27.8	409
3	Local loss and spatial homogenization of plant diversity reduce ecosystem multifunctionality. Nature Ecology and Evolution, 2018, 2, 50-56.	7.8	172
4	The role of the RÄ±Ìo de la Plata bottom salinity front in accumulating debris. Marine Pollution Bulletin, 2003, 46, 197-202.	5.0	168
5	Ecosystem engineers activate mycorrhizal mutualism in salt marshes. Ecology Letters, 2007, 10, 902-908.	6.4	84
6	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. Nature Communications, 2020, 11, 5375.	12.8	75
7	Beyond competition: the stress-gradient hypothesis tested in plantâ€“herbivore interactions. Ecology, 2009, 90, 2368-2374.	3.2	74
8	Predicting invasion in grassland ecosystems: is exotic dominance the real embarrassment of richness?. Global Change Biology, 2013, 19, 3677-3687.	9.5	70
9	Local and geographic variation in grazing intensity by herbivorous crabs in SW Atlantic salt marshes. Marine Ecology - Progress Series, 2007, 349, 235-243.	1.9	68
10	Mycorrhizal fungi determine saltâ€marsh plant zonation depending on nutrient supply. Journal of Ecology, 2008, 96, 431-437.	4.0	63
11	Abiotic stress mediates top-down and bottom-up control in a Southwestern Atlantic salt marsh. Oecologia, 2010, 163, 181-191.	2.0	62
12	Soil net nitrogen mineralisation across global grasslands. Nature Communications, 2019, 10, 4981.	12.8	57
13	A Global Synthesis Reveals Gaps in Coastal Habitat Restoration Research. Sustainability, 2018, 10, 1040.	3.2	50
14	Field Experiments and Meta-analysis Reveal Wetland Vegetation as a Crucial Element in the Coastal Protection Paradigm. Current Biology, 2019, 29, 1800-1806.e3.	3.9	50
15	Grazer facilitation of fungal infection and the control of plant growth in southâ€western Atlantic salt marshes. Journal of Ecology, 2009, 97, 781-787.	4.0	49
16	The relative importance of substratum characteristics and recruitment in determining the spatial distribution of the fiddler crab Uca uruguayensis Nobili. Journal of Experimental Marine Biology and Ecology, 2005, 314, 99-111.	1.5	43
17	High abundance and diversity of consumers associated with eutrophic areas in a semi-desert macrotidal coastal ecosystem in Patagonia, Argentina. Estuarine, Coastal and Shelf Science, 2010, 88, 357-364.	2.1	43
18	Herbivory and eutrophication mediate grassland plant nutrient responses across a global climatic gradient. Ecology, 2018, 99, 822-831.	3.2	42

#	Article	IF	Citations
19	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
20	Biological invasions and the neutral theory. Diversity and Distributions, 2009, 15, 547-553.	4.1	35
21	The burrowing crab Neohelice granulata affects the root strategies of the cordgrass Spartina densiflora in SW Atlantic salt marshes. Journal of Experimental Marine Biology and Ecology, 2009, 373, 66-71.	1.5	28
22	Negative effects of an autogenic ecosystem engineer: interactions between coralline turf and an ephemeral green alga. Marine Ecology - Progress Series, 2006, 315, 67-73.	1.9	28
23	The SW Atlantic burrowing crab Chasmagnathus granulatus Dana affects the distribution and survival of the fiddler crab Uca uruguayensis Nobili. Journal of Experimental Marine Biology and Ecology, 2003, 291, 255-267.	1.5	27
24	Can a Single Species Challenge Paradigms of Salt Marsh Functioning?. Estuaries and Coasts, 2015, 38, 1178-1188.	2.2	27
25	Microbial processing of plant remains is coâ€limited by multiple nutrients in global grasslands. Global Change Biology, 2020, 26, 4572-4582.	9.5	27
26	Herbivory affects salt marsh succession dynamics by suppressing the recovery of dominant species. Oecologia, 2014, 175, 335-343.	2.0	25
27	Nutrient enrichment increases invertebrate herbivory and pathogen damage in grasslands. Journal of Ecology, 2022, 110, 327-339.	4.0	25
28	Positive interactions of the smooth cordgrass Spartina alterniflora on the mud snail Heleobia australis, in South Western Atlantic salt marshes. Journal of Experimental Marine Biology and Ecology, 2007, 353, 180-190.	1.5	24
29	Density affects mating mode and large male mating advantage in a fiddler crab. Oecologia, 2010, 164, 931-941.	2.0	23
30	Trophic facilitation by the oystercatcher Haematopus palliatus Temminick on the scavenger snail Buccinanops globulosum Kiener in a Patagonian bay. Journal of Experimental Marine Biology and Ecology, 2005, 325, 27-34.	1.5	22
31	Increase of organic matter transport between marshes and tidal flats by the burrowing crab Neohelice (Chasmagnathus) granulata Dana in SW Atlantic salt marshes. Journal of Experimental Marine Biology and Ecology, 2011, 401, 110-117.	1.5	22
32	Physical stress modifies topâ€down and bottomâ€up forcing on plant growth and reproduction in a coastal ecosystem. Ecology, 2015, 96, 2147-2156.	3.2	21
33	Crab bioturbation and herbivory reduce pre- and post-germination success of Sarcocornia perennis in bare patches of SW Atlantic salt marshes. Marine Ecology - Progress Series, 2010, 400, 55-61.	1.9	19
34	Thresholds in marsh resilience to the Deepwater Horizon oil spill. Scientific Reports, 2016, 6, 32520.	3.3	19
35	The effect of size and cheliped autotomy on sexual competition between males of the mud crab Cyrtograpsus angulatus Dana. Marine Biology, 2009, 156, 269-275.	1.5	17
36	Crab herbivory regulates reâ€colonization of disturbed patches in a southwestern Atlantic salt marsh. Oikos, 2011, 120, 842-847.	2.7	16

#	Article	IF	Citations
37	Ecosystem engineering by burrowing crabs increases cordgrass mortality caused by stem-boring insects. Marine Ecology - Progress Series, 2010, 404, 151-159.	1.9	14
38	Temporal rarity is a better predictor of local extinction risk than spatial rarity. Ecology, 2021, 102, e03504.	3.2	14
39	Habitat shifts and spatial distribution of the intertidal crab Neohelice (Chasmagnathus) granulata Dana. Journal of Sea Research, 2011, 66, 87-94.	1.6	13
40	Abundance of the spongeHymeniacidoncf.perlevisin a stressful environment of Patagonia: relationships withUlva lactucaand physical variables. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 465-472.	0.8	13
41	Nitrogen enrichment suppresses other environmental drivers and homogenizes salt marsh leaf microbiome. Ecology, 2018, 99, 1411-1418.	3.2	13
42	Species loss due to nutrient addition increases with spatial scale in global grasslands. Ecology Letters, 2021, 24, 2100-2112.	6.4	13
43	Herbivory and trampling by small mammals modify soil properties and plant assemblages. Journal of Vegetation Science, 2017, 28, 1028-1035.	2.2	12
44	Avoidance of feeding opportunities by the whelk Buccinanops globulosum in the presence of damaged conspecifics. Marine Biology, 2012, 159, 2359-2365.	1.5	10
45	Context-dependent interaction between an intertidal sponge and a green macroalga in a variable temperate Patagonian bay. Marine Ecology - Progress Series, 2017, 581, 21-32.	1.9	8
46	Herbivory and presence of a dominant competitor interactively affect salt marsh plant diversity. Journal of Vegetation Science, 2017, 28, 1178-1186.	2.2	7
47	Evaluating the potential impact of bird predation on the SW Atlantic fiddler crab Leptuca uruguayensis. Helgoland Marine Research, 2019, 73, .	1.3	4
48	Floodâ€stimulated herbivory drives range retraction of a plant ecosystem. Journal of Ecology, 2021, 109, 3541-3554.	4.0	4
49	Rainfall intensity modulates the interaction between the marsh cordgrass Spartina densiflora and the mouse Akodon azarae. Marine Ecology - Progress Series, 2015, 523, 71-80.	1.9	4
50	Nutrients and Abiotic Stress Interact to Control Ergot Plant Disease in a SW Atlantic Salt Marsh. Estuaries and Coasts, 2013, 36, 1093-1097.	2.2	2
51	Herbivory and dropping effects by small mammals on saltâ€marsh vegetation vary across microhabitats. Journal of Vegetation Science, 2019, 30, 322-330.	2.2	2
52	Dominance by Spartina densiflora slows salt marsh litter decomposition. Journal of Vegetation Science, 2020, 31, 1181-1191.	2.2	0