Jesus M Castillo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Metal effects on germination and seedling development in closely-related halophyte species inhabiting different elevations along the intertidal gradient. Marine Pollution Bulletin, 2022, 175, 113375.	5.0	5
2	Temporal and spatial patterns of airborne pollen dispersal in six salt marsh halophytes. Review of Palaeobotany and Palynology, 2022, , 104662.	1.5	0
3	Interactive effects between salinity and nutrient deficiency on biomass production and bio-active compounds accumulation in the halophyte Crithmum maritimum. Scientia Horticulturae, 2022, 301, 111136.	3.6	15
4	Contrasted Impacts of Yellow Flag Iris (Iris pseudacorus) on Plant Diversity in Tidal Wetlands within Its Native and Invaded Distribution Ranges. Diversity, 2022, 14, 326.	1.7	8
5	Germination niche breadth of invasive <i>Iris pseudacorus</i> (L.) suggests continued recruitment from seeds with global warming. American Journal of Botany, 2022, 109, 1108-1119.	1.7	8
6	Population Dynamic of the Annual Halophyte Salicornia ramosissima in Salt Pans: Towards a Sustainable Exploitation of Its Wild Populations. Plants, 2022, 11, 1676.	3.5	2
7	Germination syndrome divergence among pairs of sympatric sister species along an estuarine salinity gradient. Environmental and Experimental Botany, 2021, 181, 104274.	4.2	6
8	Variation in sexual reproductive output among exotic taxa of Spartina (Poaceae). Aquatic Ecology, 2021, 55, 107-123.	1.5	1
9	Seed bank dynamics of the annual halophyte Salicornia ramosissima: towards a sustainable exploitation of its wild populations. Plant Ecology, 2021, 222, 647-657.	1.6	4
10	Seed bank persistence of a South American cordgrass in invaded northern Atlantic and Pacific Coast estuaries. AoB PLANTS, 2021, 13, plab014.	2.3	5
11	High aqueous salinity does not preclude germination of invasive <i>Iris pseudacorus</i> from estuarine populations. Ecosphere, 2021, 12, e03486.	2.2	12
12	Primary succession in an Atlantic salt marsh: From intertidal flats to midâ€marsh platform in 35Âyears. Journal of Ecology, 2021, 109, 2909-2921.	4.0	13
13	Salinity and inundation effects on Iris pseudacorus: implications for tidal wetland invasion with sea level rise. Plant and Soil, 2021, 466, 275-291.	3.7	9
14	Effects of removal of alien Spartina densiflora and restoration of native S. maritima on succession and zonation in European salt marshes. Estuarine, Coastal and Shelf Science, 2020, 244, 105815.	2.1	4
15	Interactive effects of salinity and inundation on native Spartina foliosa, invasive S. densiflora and their hybrid from San Francisco Estuary, California. Annals of Botany, 2020, 125, 377-389.	2.9	16
16	Fruit Set, Seed Viability and Germination of the European Native Spartina maritima in Southwest Iberian Peninsula. Wetlands, 2020, 40, 421-432.	1.5	5
17	The role of exotic and native hybrids during ecological succession in salt marshes. Journal of Experimental Marine Biology and Ecology, 2020, 523, 151282.	1.5	4
18	Changes to the functional traits of phosphoenolpyruvate carboxylase following hybridization in Câ€4 halophytes. Physiologia Plantarum, 2020, 169, 83-98.	5.2	3

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19	From physiology to salt marsh management challenges with sea level rise: the case of native Spartina foliosa, invasive S. densiflora and their hybrid. , 2020, 8, coaa053.		1
20	Burial effects on seed germination and seedling emergence of two halophytes of contrasting seed size. Plant Ecology and Diversity, 2020, 13, 339-349.	2.4	5
21	Endozoochory by Goats of Two Invasive Weeds with Contrasted Propagule Traits. Sustainability, 2020, 12, 5450.	3.2	4
22	Effects of heavy metal pollution on germination and early seedling growth in native and invasive Spartina cordgrasses. Marine Pollution Bulletin, 2020, 158, 111376.	5.0	9
23	Heat stress effects on sexual reproductive processes of a threatened halophyte. South African Journal of Botany, 2020, 133, 184-192.	2.5	2
24	Supporting <i>Spartina</i> : Interdisciplinary perspective shows <i>Spartina</i> as a distinct solid genus. Ecology, 2019, 100, e02863.	3.2	39
25	Morphological and anatomical evidence supports differentiation of new interspecific hybrids from native Spartina maritima and invasive S. densiflora (Poaceae, subfamily Chloridoideae). Plant Systematics and Evolution, 2019, 305, 531-547.	0.9	8
26	Differential Effects of Increasing Salinity on Germination and Seedling Growth of Native and Exotic Invasive Cordgrasses. Plants, 2019, 8, 372.	3.5	16
27	Capability of the Invasive Tree Prosopis glandulosa Torr. to Remediate Soil Treated with Sewage Sludge. Sustainability, 2019, 11, 2711.	3.2	18
28	Some Like It Hot: Maternal-Switching With Climate Change Modifies Formation of Invasive Spartina Hybrids. Frontiers in Plant Science, 2019, 10, 484.	3.6	12
29	Differential tolerance of native and invasive tree seedlings from arid African deserts to drought and shade. South African Journal of Botany, 2019, 123, 228-240.	2.5	15
30	Genetic structure of Spartina hybrids between native Spartina maritima and invasive Spartina densiflora in Southwest Europe. Perspectives in Plant Ecology, Evolution and Systematics, 2019, 37, 26-38.	2.7	6
31	Seedling Emergence from Seed Banks in Ludwigia hexapetala-Invaded Wetlands: Implications for Restoration. Plants, 2019, 8, 451.	3.5	13
32	Transgressivity in Key Functional Traits Rather Than Phenotypic Plasticity Promotes Stress Tolerance in A Hybrid Cordgrass. Plants, 2019, 8, 594.	3.5	1
33	Burial effects on seed germination and seedling establishment of Prosopis juliflora (SW.) DC. Arid Land Research and Management, 2019, 33, 55-69.	1.6	4
34	Can camels disperse seeds of the invasive tree <i>Prosopis juliflora</i> ?. Weed Research, 2018, 58, 221-228.	1.7	13
35	Phenotypic plasticity of polyploid plant species promotes transgressive behaviour in their hybrids. AoB PLANTS, 2018, 10, ply055.	2.3	20
36	Realized niche and spatial pattern of native and exotic halophyte hybrids. Oecologia, 2018, 188, 849-862.	2.0	18

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37	Low genetic diversity contrasts with high phenotypic variability in heptaploid <i>Spartina densiflora</i> populations invading the Pacific coast of North America. Ecology and Evolution, 2018, 8, 4992-5007.	1.9	38
38	Germination syndromes in response to salinity of Chenopodiaceae halophytes along the intertidal gradient. Aquatic Botany, 2017, 139, 48-56.	1.6	33
39	Relationships between spatio-temporal changes in the sedimentary environment and halophytes zonation in salt marshes. Geoderma, 2017, 305, 173-187.	5.1	42
40	Handling High Soil Trace Elements Pollution: Case Study of the Odiel and Tinto Rivers Estuary and the Accompanying Salt Marshes (Southwest Iberian Peninsula). Coastal Research Library, 2017, , 215-241.	0.4	2
41	Biomass and clonal architecture of the cordgrass Spartina patens (Poaceae) as an invasive species in two contrasted coastal habitats on the Atlantic coast of the Iberian Peninsula. Plant Ecology and Evolution, 2017, 150, 129-138.	0.7	6
42	Phenotypic plasticity and population differentiation in response to salinity in the invasive cordgrass Spartina densiflora. Biological Invasions, 2016, 18, 2175-2187.	2.4	27
43	Variation in tussock architecture of the invasive cordgrass Spartina densiflora along the Pacific Coast of North America. Biological Invasions, 2016, 18, 2159-2174.	2.4	12
44	Spartina versicolor Fabre: Another case of Spartina trans-Atlantic introduction?. Biological Invasions, 2016, 18, 2123-2135.	2.4	23
45	Competition from native hydrophytes reduces establishment and growth of invasive dense-flowered cordgrass (<i>Spartina densiflora</i>). PeerJ, 2015, 3, e1260.	2.0	5
46	Public Perceptions and Uses of Natural and Restored Salt Marshes. Landscape Research, 2014, 39, 668-679.	1.6	9
47	Plant Zonation in Restored, Nonrestored, and Preserved Spartina maritima Salt Marshes. Journal of Coastal Research, 2014, 30, 629.	0.3	17
48	Fruit set and the diurnal pollinators of the invasive <i>Lantana camara</i> and the endemic <i>Lantana peduncularis</i> in the Galapagos Islands. Weed Biology and Management, 2014, 14, 209-219.	1.4	5
49	Potential of <i>Spartina maritima</i> in Restored Salt Marshes for Phytoremediation of Metals in a Highly Polluted Estuary. International Journal of Phytoremediation, 2014, 16, 1209-1220.	3.1	23
50	Phenotypic plasticity of invasive <i>Spartina densiflora</i> (Poaceae) along a broad latitudinal gradient on the Pacific Coast of North America. American Journal of Botany, 2014, 101, 448-458.	1.7	45
51	Effectiveness of the Aquatic Halophyte Sarcocornia perennis spp. perennis as a Biotool for Ecological Restoration of Salt Marshes. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	18
52	Do Spartina maritima Plantations Enhance the Macroinvertebrate Community in European Salt Marshes?. Estuaries and Coasts, 2014, 37, 589-601.	2.2	11
53	Effect of low and high temperatures on the photosynthetic performance of Lantana camara L. Leaves in darkness. Russian Journal of Plant Physiology, 2013, 60, 322-329.	1.1	3
54	Experimental evidence for an impact of anthropogenic noise on dawn chorus timing in urban birds. Journal of Avian Biology, 2013, 44, 288-296.	1.2	92

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55	Avian communities inSpartina maritimarestored and non-restored salt marshes. Bird Study, 2013, 60, 185-194.	1.0	7
56	Native plant restoration combats environmental change: development of carbon and nitrogen sequestration capacity using small cordgrass in European salt marshes. Environmental Monitoring and Assessment, 2013, 185, 8439-8449.	2.7	27
57	Predation on Seeds of Invasive Lantana camara by Darwin's Finches in the Galapagos Islands. Wilson Journal of Ornithology, 2012, 124, 338-344.	0.2	7
58	Effects of flooding on germination and establishment of the invasive cordgrass <i>Spartina densiflora</i> . Weed Research, 2012, 52, 269-276.	1.7	13
59	Nectar Production by Invasive <i>Lantana camara</i> and Endemic <i>L. peduncularis</i> in the Galápagos Islands. Pacific Science, 2012, 66, 435-445.	0.6	8
60	Vertical sediment dynamics in Spartina maritima restored, non-restored and preserved marshes. Ecological Engineering, 2012, 47, 30-35.	3.6	21
61	Lantana camara L.: a weed with great light-acclimation capacity. Photosynthetica, 2011, 49, .	1.7	21
62	Germination and establishment of the invasive cordgrass Spartina densiflora in acidic and metal polluted sediments of the Tinto River. Marine Pollution Bulletin, 2010, 60, 1842-1848.	5.0	20
63	The production of hybrids with high ecological amplitude between exotic <i>Spartina densiflora</i> and native <i>S. maritima</i> in the Iberian Peninsula. Diversity and Distributions, 2010, 16, 547-558.	4.1	40
64	Ecotypic variations in phosphoenolpyruvate carboxylase activity of the cordgrass Spartina densiflora throughout its latitudinal distribution range. Plant Biology, 2010, 12, 154-160.	3.8	21
65	Contrasted tolerance to low and high temperatures of three tree taxa co-occurring on coastal dune forests under Mediterranean climate. Journal of Arid Environments, 2010, 74, 429-439.	2.4	20
66	Effects of abiotic factors on the life span of the invasive cordgrass Spartina densiflora and the native Spartina maritima at low salt marshes. Aquatic Ecology, 2009, 43, 51-60.	1.5	23
67	Restoring Salt Marshes Using Small Cordgrass, <i>Spartina maritima</i> . Restoration Ecology, 2009, 17, 324-326.	2.9	30
68	Plant zonation at salt marshes of the endangered cordgrass Spartina maritima invaded by Spartina densiflora. Hydrobiologia, 2008, 614, 363-371.	2.0	38
69	Spatial and temporal variations in aboveground and belowground biomass of Spartina maritima (small) Tj ETQq1	1 0.7843 2.1	14 rgBT /Ove
70	Effects of Salinity on Germination and Seedling Establishment of Endangered Limonium emarginatum (Willd.) O. Kuntze. Journal of Coastal Research, 2008, 1, 201-205.	0.3	29
71	Bracteoles affect germination and seedling establishment in a Mediterranean population of Atriplex portulacoides. Aquatic Botany, 2007, 86, 93-96.	1.6	22
72	Contrasting strategies to cope with drought by invasive and endemic species of Lantana in Galapagos. Biodiversity and Conservation, 2007, 16, 2123-2136.	2.6	25

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73	Fundamental niche differentiation in subspecies of Sarcocornia perennis on a salt marsh elevational gradient. Marine Ecology - Progress Series, 2007, 347, 15-20.	1.9	19
74	Caprella penantisLeach, 1814 andCaprella dilatataKroyer, 1843 (Crustacea: Amphipoda) from the Strait of Gibraltar: a molecular approach to explore intra- and interspecific variation. Marine Biology Research, 2006, 2, 100-108.	0.7	11
75	Growth and photosynthetic responses to salinity in an extreme halophyte, Sarcocornia fruticosa. Physiologia Plantarum, 2006, 128, 116-124.	5.2	139
76	Biological Flora of the British Isles:Sarcocornia perennis(Miller) A.J. Scott. Journal of Ecology, 2006, 94, 1035-1048.	4.0	69
77	Clonal growth and tiller demography of the invader cordgrass Spartina densiflora brongn. At two contrasting habitats in SW European salt marshes. Wetlands, 2005, 25, 122-129.	1.5	42
78	Environmental determination of shoot height in populations of the cordgrassSpartina maritima. Estuaries and Coasts, 2005, 28, 761-766.	1.7	22
79	Short-term responses to salinity of an invasive cordgrass. Biological Invasions, 2005, 7, 29-35.	2.4	43
80	Presence of internal photosynthetic cylinder surrounding the stele in stems of the tribe Salicornieae (Chenopodiaceae) from SW Iberian Peninsula. Photosynthetica, 2005, 43, 157-159.	1.7	18
81	Short-term responses to salinity of an invasive cordgrass. , 2005, , 29-35.		3
82	Influences of salinity and light on germination of three Sarcocornia taxa with contrasted habitats. Aquatic Botany, 2004, 78, 255-264.	1.6	84
83	Ecophysiology of tidal and non-tidal populations of the invading cordgrass Spartina densiflora: seasonal and diurnal patterns in a Mediterranean climate. Estuarine, Coastal and Shelf Science, 2003, 57, 919-928.	2.1	25
84	Facilitated invasion by hybridization of Sarcocornia species in a salt-marsh succession. Journal of Ecology, 2003, 91, 616-626.	4.0	84
85	Influence of salinity on germination and seeds viability of two primary colonizers of Mediterranean salt pans. Journal of Arid Environments, 2003, 53, 145-154.	2.4	96
86	Comparative Field Summer Stress of Three Tree Species Co-occurring in Mediterranean Coastal Dunes. Photosynthetica, 2002, 40, 49-56.	1.7	24
87	Nucleation and facilitation in salt pans in Mediterranean salt marshes. Journal of Vegetation Science, 2001, 12, 761-770.	2.2	41
88	Lower limits ofSpartina densifloraandS. maritimain a Mediterranean salt marsh determined by different ecophysiological tolerances. Journal of Ecology, 2000, 88, 801-812.	4.0	133
89	Causes and consequences of salt-marsh erosion in an Atlantic estuary in SW Spain. Journal of Coastal Conservation, 2000, 6, 89-96.	1.6	35
90	Metals in halophytes of a contaminated estuary (Odiel Saltmarshes, SW Spain). Marine Pollution Bulletin, 1999, 38, 49-51.	5.0	40

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91	Metals in Halophytes of a Contaminated Estuary (Odiel Saltmarshes, SW Spain). Marine Pollution Bulletin, 1999, 38, 49-51.	5.0	11
92	Morphological and physiological responses of Galapagos endemic tree Croton scouleri to site conditions varying through its altitudinal range. Dendrobiology, 0, 69, 41-48.	0.6	2