

Jesus M Castillo

List of Publications by Year in descending order

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92
papers

2,084
citations

236833

25
h-index

276775

41
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92
docs citations

92
times ranked

1720
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal effects on germination and seedling development in closely-related halophyte species inhabiting different elevations along the intertidal gradient. <i>Marine Pollution Bulletin</i> , 2022, 175, 113375.	2.3	5
2	Temporal and spatial patterns of airborne pollen dispersal in six salt marsh halophytes. <i>Review of Palaeobotany and Palynology</i> , 2022, , 104662.	0.8	0
3	Interactive effects between salinity and nutrient deficiency on biomass production and bio-active compounds accumulation in the halophyte <i>Crithmum maritimum</i> . <i>Scientia Horticulturae</i> , 2022, 301, 111136.	1.7	15
4	Contrasted Impacts of Yellow Flag Iris (<i>Iris pseudacorus</i>) on Plant Diversity in Tidal Wetlands within Its Native and Invaded Distribution Ranges. <i>Diversity</i> , 2022, 14, 326.	0.7	8
5	Germination niche breadth of invasive <i>Iris pseudacorus</i> (L.) suggests continued recruitment from seeds with global warming. <i>American Journal of Botany</i> , 2022, 109, 1108-1119.	0.8	8
6	Population Dynamic of the Annual Halophyte <i>Salicornia ramosissima</i> in Salt Pans: Towards a Sustainable Exploitation of Its Wild Populations. <i>Plants</i> , 2022, 11, 1676.	1.6	2
7	Germination syndrome divergence among pairs of sympatric sister species along an estuarine salinity gradient. <i>Environmental and Experimental Botany</i> , 2021, 181, 104274.	2.0	6
8	Variation in sexual reproductive output among exotic taxa of <i>Spartina</i> (Poaceae). <i>Aquatic Ecology</i> , 2021, 55, 107-123.	0.7	1
9	Seed bank dynamics of the annual halophyte <i>Salicornia ramosissima</i> : towards a sustainable exploitation of its wild populations. <i>Plant Ecology</i> , 2021, 222, 647-657.	0.7	4
10	Seed bank persistence of a South American cordgrass in invaded northern Atlantic and Pacific Coast estuaries. <i>AoB PLANTS</i> , 2021, 13, plab014.	1.2	5
11	High aqueous salinity does not preclude germination of invasive <i>Iris pseudacorus</i> from estuarine populations. <i>Ecosphere</i> , 2021, 12, e03486.	1.0	12
12	Primary succession in an Atlantic salt marsh: From intertidal flats to mid-marsh platform in 35 years. <i>Journal of Ecology</i> , 2021, 109, 2909-2921.	1.9	13
13	Salinity and inundation effects on <i>Iris pseudacorus</i> : implications for tidal wetland invasion with sea level rise. <i>Plant and Soil</i> , 2021, 466, 275-291.	1.8	9
14	Effects of removal of alien <i>Spartina densiflora</i> and restoration of native <i>S. maritima</i> on succession and zonation in European salt marshes. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 244, 105815.	0.9	4
15	Interactive effects of salinity and inundation on native <i>Spartina foliosa</i> , invasive <i>S. densiflora</i> and their hybrid from San Francisco Estuary, California. <i>Annals of Botany</i> , 2020, 125, 377-389.	1.4	16
16	Fruit Set, Seed Viability and Germination of the European Native <i>Spartina maritima</i> in Southwest Iberian Peninsula. <i>Wetlands</i> , 2020, 40, 421-432.	0.7	5
17	The role of exotic and native hybrids during ecological succession in salt marshes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 523, 151282.	0.7	4
18	Changes to the functional traits of phosphoenolpyruvate carboxylase following hybridization in halophytes. <i>Physiologia Plantarum</i> , 2020, 169, 83-98.	2.6	3

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19	From physiology to salt marsh management challenges with sea level rise: the case of native <i>Spartina foliosa</i> , invasive <i>S. densiflora</i> and their hybrid. , 2020, 8, coaa053.		1
20	Burial effects on seed germination and seedling emergence of two halophytes of contrasting seed size. <i>Plant Ecology and Diversity</i> , 2020, 13, 339-349.	1.0	5
21	Endozoochory by Goats of Two Invasive Weeds with Contrasted Propagule Traits. <i>Sustainability</i> , 2020, 12, 5450.	1.6	4
22	Effects of heavy metal pollution on germination and early seedling growth in native and invasive <i>Spartina cordgrass</i> s. <i>Marine Pollution Bulletin</i> , 2020, 158, 111376.	2.3	9
23	Heat stress effects on sexual reproductive processes of a threatened halophyte. <i>South African Journal of Botany</i> , 2020, 133, 184-192.	1.2	2
24	Supporting <i>Spartina</i> : Interdisciplinary perspective shows <i>Spartina</i> as a distinct solid genus. <i>Ecology</i> , 2019, 100, e02863.	1.5	39
25	Morphological and anatomical evidence supports differentiation of new interspecific hybrids from native <i>Spartina maritima</i> and invasive <i>S. densiflora</i> (Poaceae, subfamily Chloridoideae). <i>Plant Systematics and Evolution</i> , 2019, 305, 531-547.	0.3	8
26	Differential Effects of Increasing Salinity on Germination and Seedling Growth of Native and Exotic Invasive Cordgrasses. <i>Plants</i> , 2019, 8, 372.	1.6	16
27	Capability of the Invasive Tree <i>Prosopis glandulosa</i> Torr. to Remediate Soil Treated with Sewage Sludge. <i>Sustainability</i> , 2019, 11, 2711.	1.6	18
28	Some Like It Hot: Maternal-Switching With Climate Change Modifies Formation of Invasive <i>Spartina</i> Hybrids. <i>Frontiers in Plant Science</i> , 2019, 10, 484.	1.7	12
29	Differential tolerance of native and invasive tree seedlings from arid African deserts to drought and shade. <i>South African Journal of Botany</i> , 2019, 123, 228-240.	1.2	15
30	Genetic structure of <i>Spartina</i> hybrids between native <i>Spartina maritima</i> and invasive <i>Spartina densiflora</i> in Southwest Europe. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 37, 26-38.	1.1	6
31	Seedling Emergence from Seed Banks in <i>Ludwigia hexapetala</i> -Invaded Wetlands: Implications for Restoration. <i>Plants</i> , 2019, 8, 451.	1.6	13
32	Transgressivity in Key Functional Traits Rather Than Phenotypic Plasticity Promotes Stress Tolerance in A Hybrid Cordgrass. <i>Plants</i> , 2019, 8, 594.	1.6	1
33	Burial effects on seed germination and seedling establishment of <i>Prosopis juliflora</i> (SW.) DC. <i>Arid Land Research and Management</i> , 2019, 33, 55-69.	0.6	4
34	Can camels disperse seeds of the invasive tree <i>Prosopis juliflora</i> ? <i>Weed Research</i> , 2018, 58, 221-228.	0.8	13
35	Phenotypic plasticity of polyploid plant species promotes transgressive behaviour in their hybrids. <i>AoB PLANTS</i> , 2018, 10, ply055.	1.2	20
36	Realized niche and spatial pattern of native and exotic halophyte hybrids. <i>Oecologia</i> , 2018, 188, 849-862.	0.9	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. <i>Ecology and Evolution</i> , 2018, 8, 4992-5007.	0.8	38
38	Germination syndromes in response to salinity of Chenopodiaceae halophytes along the intertidal gradient. <i>Aquatic Botany</i> , 2017, 139, 48-56.	0.8	33
39	Relationships between spatio-temporal changes in the sedimentary environment and halophytes zonation in salt marshes. <i>Geoderma</i> , 2017, 305, 173-187.	2.3	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). <i>Coastal Research Library</i> , 2017, , 215-241.	0.2	2
41	Biomass and clonal architecture of the cordgrass <i>Spartina patens</i> (Poaceae) as an invasive species in two contrasted coastal habitats on the Atlantic coast of the Iberian Peninsula. <i>Plant Ecology and Evolution</i> , 2017, 150, 129-138.	0.3	6
42	Phenotypic plasticity and population differentiation in response to salinity in the invasive cordgrass <i>Spartina densiflora</i> . <i>Biological Invasions</i> , 2016, 18, 2175-2187.	1.2	27
43	Variation in tussock architecture of the invasive cordgrass <i>Spartina densiflora</i> along the Pacific Coast of North America. <i>Biological Invasions</i> , 2016, 18, 2159-2174.	1.2	12
44	<i>Spartina versicolor</i> Fabre: Another case of <i>Spartina</i> trans-Atlantic introduction?. <i>Biological Invasions</i> , 2016, 18, 2123-2135.	1.2	23
45	Competition from native hydrophytes reduces establishment and growth of invasive dense-flowered cordgrass (<i>Spartina densiflora</i>). <i>PeerJ</i> , 2015, 3, e1260.	0.9	5
46	Public Perceptions and Uses of Natural and Restored Salt Marshes. <i>Landscape Research</i> , 2014, 39, 668-679.	0.7	9
47	Plant Zonation in Restored, Nonrestored, and Preserved <i>Spartina maritima</i> Salt Marshes. <i>Journal of Coastal Research</i> , 2014, 30, 629.	0.1	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. <i>Weed Biology and Management</i> , 2014, 14, 209-219.	0.6	5
49	Potential of <i>Spartina maritima</i> in Restored Salt Marshes for Phytoremediation of Metals in a Highly Polluted Estuary. <i>International Journal of Phytoremediation</i> , 2014, 16, 1209-1220.	1.7	23
50	Phenotypic plasticity of invasive <i>Spartina densiflora</i> (Poaceae) along a broad latitudinal gradient on the Pacific Coast of North America. <i>American Journal of Botany</i> , 2014, 101, 448-458.	0.8	45
51	Effectiveness of the Aquatic Halophyte <i>Sarcocornia perennis</i> spp. <i>perennis</i> as a Biotool for Ecological Restoration of Salt Marshes. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	18
52	Do <i>Spartina maritima</i> Plantations Enhance the Macroinvertebrate Community in European Salt Marshes?. <i>Estuaries and Coasts</i> , 2014, 37, 589-601.	1.0	11
53	Effect of low and high temperatures on the photosynthetic performance of <i>Lantana camara</i> L. Leaves in darkness. <i>Russian Journal of Plant Physiology</i> , 2013, 60, 322-329.	0.5	3
54	Experimental evidence for an impact of anthropogenic noise on dawn chorus timing in urban birds. <i>Journal of Avian Biology</i> , 2013, 44, 288-296.	0.6	92

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55	Avian communities in <i>Spartina maritima</i> restored and non-restored salt marshes. <i>Bird Study</i> , 2013, 60, 185-194.	0.4	7
56	Native plant restoration combats environmental change: development of carbon and nitrogen sequestration capacity using small cordgrass in European salt marshes. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8439-8449.	1.3	27
57	Predation on Seeds of Invasive <i>Lantana camara</i> by Darwin's Finches in the Galapagos Islands. <i>Wilson Journal of Ornithology</i> , 2012, 124, 338-344.	0.1	7
58	Effects of flooding on germination and establishment of the invasive cordgrass <i>Spartina densiflora</i> . <i>Weed Research</i> , 2012, 52, 269-276.	0.8	13
59	Nectar Production by Invasive <i>Lantana camara</i> and Endemic <i>L. peduncularis</i> in the Galapagos Islands. <i>Pacific Science</i> , 2012, 66, 435-445.	0.2	8
60	Vertical sediment dynamics in <i>Spartina maritima</i> restored, non-restored and preserved marshes. <i>Ecological Engineering</i> , 2012, 47, 30-35.	1.6	21
61	<i>Lantana camara</i> L.: a weed with great light-acclimation capacity. <i>Photosynthetica</i> , 2011, 49, .	0.9	21
62	Germination and establishment of the invasive cordgrass <i>Spartina densiflora</i> in acidic and metal polluted sediments of the Tinto River. <i>Marine Pollution Bulletin</i> , 2010, 60, 1842-1848.	2.3	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. <i>Diversity and Distributions</i> , 2010, 16, 547-558.	1.9	40
64	Ecotypic variations in phosphoenolpyruvate carboxylase activity of the cordgrass <i>Spartina densiflora</i> throughout its latitudinal distribution range. <i>Plant Biology</i> , 2010, 12, 154-160.	1.8	21
65	Contrasted tolerance to low and high temperatures of three tree taxa co-occurring on coastal dune forests under Mediterranean climate. <i>Journal of Arid Environments</i> , 2010, 74, 429-439.	1.2	20
66	Effects of abiotic factors on the life span of the invasive cordgrass <i>Spartina densiflora</i> and the native <i>Spartina maritima</i> at low salt marshes. <i>Aquatic Ecology</i> , 2009, 43, 51-60.	0.7	23
67	Restoring Salt Marshes Using Small Cordgrass, <i>Spartina maritima</i> . <i>Restoration Ecology</i> , 2009, 17, 324-326.	1.4	30
68	Plant zonation at salt marshes of the endangered cordgrass <i>Spartina maritima</i> invaded by <i>Spartina densiflora</i> . <i>Hydrobiologia</i> , 2008, 614, 363-371.	1.0	38
69	Spatial and temporal variations in aboveground and belowground biomass of <i>Spartina maritima</i> (small) Tj ETQq1 1 0,784314,rgBT /Over	0,9	36
70	Effects of Salinity on Germination and Seedling Establishment of Endangered <i>Limonium emarginatum</i> (Willd.) O. Kuntze. <i>Journal of Coastal Research</i> , 2008, 1, 201-205.	0.1	29
71	Bracteoles affect germination and seedling establishment in a Mediterranean population of <i>Atriplex portulacoides</i> . <i>Aquatic Botany</i> , 2007, 86, 93-96.	0.8	22
72	Contrasting strategies to cope with drought by invasive and endemic species of <i>Lantana</i> in Galapagos. <i>Biodiversity and Conservation</i> , 2007, 16, 2123-2136.	1.2	25

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73	Fundamental niche differentiation in subspecies of <i>Sarcocornia perennis</i> on a salt marsh elevational gradient. <i>Marine Ecology - Progress Series</i> , 2007, 347, 15-20.	0.9	19
74	<i>Caprella penantis</i> Leach, 1814 and <i>Caprella dilatata</i> Kroyer, 1843 (Crustacea: Amphipoda) from the Strait of Gibraltar: a molecular approach to explore intra- and interspecific variation. <i>Marine Biology Research</i> , 2006, 2, 100-108.	0.3	11
75	Growth and photosynthetic responses to salinity in an extreme halophyte, <i>Sarcocornia fruticosa</i> . <i>Physiologia Plantarum</i> , 2006, 128, 116-124.	2.6	139
76	Biological Flora of the British Isles: <i>Sarcocornia perennis</i> (Miller) A.J. Scott. <i>Journal of Ecology</i> , 2006, 94, 1035-1048.	1.9	69
77	Clonal growth and tiller demography of the invader cordgrass <i>Spartina densiflora</i> Brongn. At two contrasting habitats in SW European salt marshes. <i>Wetlands</i> , 2005, 25, 122-129.	0.7	42
78	Environmental determination of shoot height in populations of the cordgrass <i>Spartina maritima</i> . <i>Estuaries and Coasts</i> , 2005, 28, 761-766.	1.7	22
79	Short-term responses to salinity of an invasive cordgrass. <i>Biological Invasions</i> , 2005, 7, 29-35.	1.2	43
80	Presence of internal photosynthetic cylinder surrounding the stele in stems of the tribe Salicornieae (Chenopodiaceae) from SW Iberian Peninsula. <i>Photosynthetica</i> , 2005, 43, 157-159.	0.9	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 <i>Sarcocornia</i> taxa with contrasted habitats. <i>Aquatic Botany</i> , 2004, 78, 255-264.	0.8	84
83	Ecophysiology of tidal and non-tidal populations of the invading cordgrass <i>Spartina densiflora</i> : seasonal and diurnal patterns in a Mediterranean climate. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 57, 919-928.	0.9	25
84	Facilitated invasion by hybridization of <i>Sarcocornia</i> species in a salt-marsh succession. <i>Journal of Ecology</i> , 2003, 91, 616-626.	1.9	84
85	Influence of salinity on germination and seeds viability of two primary colonizers of Mediterranean salt pans. <i>Journal of Arid Environments</i> , 2003, 53, 145-154.	1.2	96
86	Comparative Field Summer Stress of Three Tree Species Co-occurring in Mediterranean Coastal Dunes. <i>Photosynthetica</i> , 2002, 40, 49-56.	0.9	24
87	Nucleation and facilitation in salt pans in Mediterranean salt marshes. <i>Journal of Vegetation Science</i> , 2001, 12, 761-770.	1.1	41
88	Lower limits of <i>Spartina densiflora</i> and <i>S. maritima</i> in a Mediterranean salt marsh determined by different ecophysiological tolerances. <i>Journal of Ecology</i> , 2000, 88, 801-812.	1.9	133
89	Causes and consequences of salt-marsh erosion in an Atlantic estuary in SW Spain. <i>Journal of Coastal Conservation</i> , 2000, 6, 89-96.	0.7	35
90	Metals in halophytes of a contaminated estuary (Odiel Saltmarshes, SW Spain). <i>Marine Pollution Bulletin</i> , 1999, 38, 49-51.	2.3	40

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91	Metals in Halophytes of a Contaminated Estuary (Odiel Saltmarshes, SW Spain). <i>Marine Pollution Bulletin</i> , 1999, 38, 49-51.	2.3	11
92	Morphological and physiological responses of Galapagos endemic tree <i>Croton scouleri</i> to site conditions varying through its altitudinal range. <i>Dendrobiology</i> , 0, 69, 41-48.	0.6	2