

Enrique Mateos-Naranjo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/610875/enrique-mateos-naranjo-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

2,741
citations

31
h-index

49
g-index

103
ext. papers

3,223
ext. citations

5
avg, IF

5.22
L-index

#	Paper	IF	Citations
100	Growth and photosynthetic responses to salinity of the salt-marsh shrub <i>Atriplex portulacoides</i> . <i>Annals of Botany</i> , 2007 , 100, 555-63	4.1	187
99	Salt stimulation of growth and photosynthesis in an extreme halophyte, <i>Arthrocnemum macrostachyum</i> . <i>Plant Biology</i> , 2010 , 12, 79-87	3.7	139
98	Growth and photosynthetic responses to salinity in an extreme halophyte, <i>Sarcocornia fruticosa</i> . <i>Physiologia Plantarum</i> , 2006 , 128, 116-124	4.6	122
97	Arbuscular mycorrhizal symbiosis ameliorates the optimum quantum yield of photosystem II and reduces non-photochemical quenching in rice plants subjected to salt stress. <i>Journal of Plant Physiology</i> , 2015 , 185, 75-83	3.6	111
96	Comparison of the role of two <i>Spartina</i> species in terms of phytostabilization and bioaccumulation of metals in the estuarine sediment. <i>Marine Pollution Bulletin</i> , 2008 , 56, 2037-42	6.7	105
95	Silicon alleviates deleterious effects of high salinity on the halophytic grass <i>Spartina densiflora</i> . <i>Plant Physiology and Biochemistry</i> , 2013 , 63, 115-21	5.4	99
94	Accumulation and tolerance characteristics of cadmium in a halophytic Cd-hyperaccumulator, <i>Arthrocnemum macrostachyum</i> . <i>Journal of Hazardous Materials</i> , 2010 , 184, 299-307	12.8	87
93	Accumulation and tolerance characteristics of chromium in a cordgrass Cr-hyperaccumulator, <i>Spartina argentinensis</i> . <i>Journal of Hazardous Materials</i> , 2011 , 185, 862-9	12.8	81
92	Endophytic Cultivable Bacteria of the Metal Bioaccumulator <i>Spartina maritima</i> Improve Plant Growth but Not Metal Uptake in Polluted Marshes Soils. <i>Frontiers in Microbiology</i> , 2015 , 6, 1450	5.7	77
91	Growth and photosynthetic responses to zinc stress of an invasive cordgrass, <i>Spartina densiflora</i> . <i>Plant Biology</i> , 2008 , 10, 754-62	3.7	73
90	Moving closer towards restoration of contaminated estuaries: Bioaugmentation with autochthonous rhizobacteria improves metal rhizoaccumulation in native <i>Spartina maritima</i> . <i>Journal of Hazardous Materials</i> , 2015 , 300, 263-271	12.8	61
89	Scouting contaminated estuaries: heavy metal resistant and plant growth promoting rhizobacteria in the native metal rhizoaccumulator <i>Spartina maritima</i> . <i>Marine Pollution Bulletin</i> , 2015 , 90, 150-9	6.7	60
88	Growth and photosynthetic responses to copper stress of an invasive cordgrass, <i>Spartina densiflora</i> . <i>Marine Environmental Research</i> , 2008 , 66, 459-65	3.3	58
87	Assessing the role of endophytic bacteria in the halophyte <i>Arthrocnemum macrostachyum</i> salt tolerance. <i>Plant Biology</i> , 2017 , 19, 249-256	3.7	53
86	Growth, reproductive and photosynthetic responses to copper in the yellow-horned poppy, <i>Glaucium flavum</i> Crantz.. <i>Environmental and Experimental Botany</i> , 2011 , 71, 57-64	5.9	51
85	Synergic effect of salinity and zinc stress on growth and photosynthetic responses of the cordgrass, <i>Spartina densiflora</i> . <i>Journal of Experimental Botany</i> , 2011 , 62, 5521-30	7	49
84	Synergic effect of salinity and CO ₂ enrichment on growth and photosynthetic responses of the invasive cordgrass <i>Spartina densiflora</i> . <i>Journal of Experimental Botany</i> , 2010 , 61, 1643-54	7	48

83	Carry-over of differential salt tolerance in plants grown from dimorphic seeds of Suaeda splendens. <i>Annals of Botany</i> , 2008 , 102, 103-12	4.1	47
82	Assessing the effect of copper on growth, copper accumulation and physiological responses of grazing species Atriplex halimus: ecotoxicological implications. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 90, 136-42	7	44
81	PGPR Reduce Root Respiration and Oxidative Stress Enhancing Root Growth and Heavy Metal Rhizoaccumulation. <i>Frontiers in Plant Science</i> , 2018 , 9, 1500	6.2	41
80	Isolation of plant-growth-promoting and metal-resistant cultivable bacteria from Arthrocnemum macrostachyum in the Odiel marshes with potential use in phytoremediation. <i>Marine Pollution Bulletin</i> , 2016 , 110, 133-142	6.7	40
79	Comparison of germination, growth, photosynthetic responses and metal uptake between three populations of Spartina densiflora under different soil pollution conditions. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 2040-9	7	38
78	Growth and photosynthetic responses of the cordgrass Spartina maritima to CO2 enrichment and salinity. <i>Chemosphere</i> , 2010 , 81, 725-31	8.4	37
77	Assessment of the role of silicon in the Cu-tolerance of the C4 grass Spartina densiflora. <i>Journal of Plant Physiology</i> , 2015 , 178, 74-83	3.6	36
76	Zinc tolerance and accumulation in the halophytic species Juncus acutus. <i>Environmental and Experimental Botany</i> , 2014 , 100, 114-121	5.9	36
75	Plant zonation at salt marshes of the endangered cordgrass Spartina maritima invaded by Spartina densiflora. <i>Hydrobiologia</i> , 2008 , 614, 363-371	2.4	34
74	Physiological and biochemical mechanisms preventing Cd-toxicity in the hyperaccumulator Atriplex halimus L. <i>Plant Physiology and Biochemistry</i> , 2016 , 106, 30-8	5.4	34
73	Safe Cultivation of in Metal-Polluted Soils from Semi-Arid Regions Assisted by Heat- and Metallo-Resistant PGPR. <i>Microorganisms</i> , 2019 , 7,	4.9	33
72	Screening beneficial rhizobacteria from Spartina maritima for phytoremediation of metal polluted salt marshes: comparison of gram-positive and gram-negative strains. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 19825-37	5.1	32
71	Effectiveness of glyphosate and imazamox on the control of the invasive cordgrass Spartina densiflora. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1694-700	7	31
70	Growth and photosynthetic limitation analysis of the Cd-accumulator Salicornia ramosissima under excessive cadmium concentrations and optimum salinity conditions. <i>Plant Physiology and Biochemistry</i> , 2016 , 109, 103-113	5.4	31
69	Investigating the mechanisms underlying phytoprotection by plant growth-promoting rhizobacteria in Spartina densiflora under metal stress. <i>Plant Biology</i> , 2018 , 20, 497-506	3.7	30
68	Halophyte fatty acids as biomarkers of anthropogenic-driven contamination in Mediterranean marshes: Sentinel species survey and development of an integrated biomarker response (IBR) index. <i>Ecological Indicators</i> , 2018 , 87, 86-96	5.8	30
67	Tolerance to and accumulation of arsenic in the cordgrass Spartina densiflora Brongn. <i>Bioresource Technology</i> , 2012 , 104, 187-94	11	29
66	Environmental limitations on recruitment from seed in invasive Spartina densiflora on a southern European salt marsh. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 79, 727-732	2.9	29

65	The role of two <i>Spartina</i> species in phytostabilization and bioaccumulation of Co, Cr, and Ni in the Tinto-Diel estuary (SW Spain). <i>Hydrobiologia</i> , 2011 , 671, 95-103	2.4	26
64	Improving legume nodulation and Cu rhizostabilization using a genetically modified rhizobia. <i>Environmental Technology (United Kingdom)</i> , 2015 , 36, 1237-45	2.6	25
63	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	0.6	25
62	Bioaugmentation with bacteria selected from the microbiome enhances <i>Arthrocnemum macrostachyum</i> metal accumulation and tolerance. <i>Marine Pollution Bulletin</i> , 2017 , 117, 340-347	6.7	24
61	Modulation of <i>Spartina densiflora</i> plant growth and metal accumulation upon selective inoculation treatments: A comparison of gram negative and gram positive rhizobacteria. <i>Marine Pollution Bulletin</i> , 2017 , 125, 77-85	6.7	23
60	Physiological responses to salinity in the yellow-horned poppy, <i>Glaucium flavum</i> . <i>Plant Physiology and Biochemistry</i> , 2011 , 49, 186-94	5.4	23
59	Bacterial inoculants for enhanced seed germination of <i>Spartina densiflora</i> : Implications for restoration of metal polluted areas. <i>Marine Pollution Bulletin</i> , 2016 , 110, 396-400	6.7	22
58	Supporting <i>Spartina</i> : Interdisciplinary perspective shows <i>Spartina</i> as a distinct solid genus. <i>Ecology</i> , 2019 , 100, e02863	4.6	22
57	Deciphering the role of plant growth-promoting rhizobacteria in the tolerance of the invasive cordgrass <i>Spartina densiflora</i> to physicochemical properties of salt-marsh soils. <i>Plant and Soil</i> , 2015 , 394, 45-55	4.2	21
56	Impact of Plant Growth Promoting Bacteria on Ecophysiology and Heavy Metal Phytoremediation Capacity in Estuarine Soils. <i>Frontiers in Microbiology</i> , 2020 , 11, 553018	5.7	21
55	Niche divergence and limits to expansion in the high polyploid <i>Dianthus broteri</i> complex. <i>New Phytologist</i> , 2019 , 222, 1076-1087	9.8	20
54	Disentangling the effect of atmospheric CO ₂ enrichment on the halophyte <i>Salicornia ramosissima</i> J. Woods physiological performance under optimal and suboptimal saline conditions. <i>Plant Physiology and Biochemistry</i> , 2018 , 127, 617-629	5.4	19
53	Ecotypic variations in phosphoenolpyruvate carboxylase activity of the cordgrass <i>Spartina densiflora</i> throughout its latitudinal distribution range. <i>Plant Biology</i> , 2010 , 12, 154-60	3.7	19
52	Effect of Plant Growth-Promoting Rhizobacteria on <i>Salicornia ramosissima</i> Seed Germination under Salinity, CO ₂ and Temperature Stress. <i>Agronomy</i> , 2019 , 9, 655	3.6	19
51	Effects of sub-lethal glyphosate concentrations on growth and photosynthetic performance of non-target species <i>Bolboschoenus maritimus</i> . <i>Chemosphere</i> , 2013 , 93, 2631-8	8.4	18
50	Bracteoles affect germination and seedling establishment in a Mediterranean population of <i>Atriplex portulacoides</i> . <i>Aquatic Botany</i> , 2007 , 86, 93-96	1.8	18
49	Growth and survival of <i>Halimione portulacoides</i> stem cuttings in heavy metal contaminated soils. <i>Marine Pollution Bulletin</i> , 2013 , 75, 28-32	6.7	16
48	<i>Spartina densiflora</i> demonstrates high tolerance to phenanthrene in soil and reduces its concentration. <i>Marine Pollution Bulletin</i> , 2011 , 62, 1800-8	6.7	16

47	Interactive effect of salinity and zinc stress on growth and photosynthetic responses of the perennial grass, <i>Polypogon monspeliensis</i> . <i>Ecological Engineering</i> , 2016 , 95, 171-179	3.9	16
46	Effect of the herbicides terbuthylazine and glyphosate on photosystem II photochemistry of young olive (<i>Olea europaea</i>) plants. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 5528-34	5.7	15
45	Factors influencing seed germination of <i>Cyperus capitatus</i> , inhabiting the moving sand dunes in southern Europe. <i>Journal of Arid Environments</i> , 2011 , 75, 309-312	2.5	14
44	Investigating the physiological mechanisms underlying <i>Salicornia ramosissima</i> response to atmospheric CO ₂ enrichment under coexistence of prolonged soil flooding and saline excess. <i>Plant Physiology and Biochemistry</i> , 2019 , 135, 149-159	5.4	13
43	Impact of short-term extreme temperature events on physiological performance of <i>Salicornia ramosissima</i> J. Woods under optimal and sub-optimal saline conditions. <i>Scientific Reports</i> , 2019 , 9, 659	4.9	12
42	Salinity alleviates zinc toxicity in the saltmarsh zinc-accumulator <i>Juncus acutus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 163, 478-485	7	12
41	Deciphering the ecophysiological traits involved during water stress acclimation and recovery of the threatened wild carnation, <i>Dianthus inoxianus</i> . <i>Plant Physiology and Biochemistry</i> , 2016 , 109, 397-405	5.4	11
40	Heavy Metals and Trace Element Concentrations in Intertidal Soils of Four Estuaries of SW Iberian Peninsula. <i>Soil and Sediment Contamination</i> , 2009 , 18, 320-327	3.2	11
39	Interpopulation Differences in Salinity Tolerance of the Invasive Cordgrass <i>Spartina densiflora</i> : Implications for Invasion Process. <i>Estuaries and Coasts</i> , 2016 , 39, 98-107	2.8	10
38	Physiological characterization of photosynthesis, chloroplast ultrastructure, and nutrient content in bracts and rosette leaves from <i>Glaucium flavum</i> . <i>Photosynthetica</i> , 2010 , 48, 488-493	2.2	9
37	Heavy Metal Pollution Structures Soil Bacterial Community Dynamics in SW Spain Polluted Salt Marshes. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	9
36	The ACC-Deaminase Producing Bacterium sp CT7.15 as a Tool for Improving Nodulation and Growth in Arid Regions of Tunisia. <i>Microorganisms</i> , 2020 , 8,	4.9	8
35	The effect of heavy metal contamination pre-conditioning in the heat stress tolerance of native and invasive Mediterranean halophytes. <i>Ecological Indicators</i> , 2020 , 111, 106045	5.8	8
34	Highlighting the differential role of leaf paraheliotropism in two Mediterranean <i>Cistus</i> species under drought stress and well-watered conditions. <i>Journal of Plant Physiology</i> , 2017 , 213, 199-208	3.6	7
33	Effect of prior salt experience on desalination capacity of the halophyte <i>Arthrocnemum macrostachyum</i> . <i>Desalination</i> , 2019 , 463, 50-54	10.3	7
32	Soil phenanthrene phytoremediation capacity in bacteria-assisted <i>Spartina densiflora</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019 , 182, 109382	7	7
31	Synergic effect of salinity and light-chilling on photosystem II photochemistry of the halophyte, <i>Sarcocornia fruticosa</i> . <i>Journal of Arid Environments</i> , 2009 , 73, 586-589	2.5	7
30	Consortia of Plant-Growth-Promoting Rhizobacteria Isolated from Halophytes Improve Response of Eight Crops to Soil Salinization and Climate Change Conditions. <i>Agronomy</i> , 2021 , 11, 1609	3.6	7

29	Dissipation and effects of tricyclazole on soil microbial communities and rice growth as affected by amendment with alperujo compost. <i>Science of the Total Environment</i> , 2016 , 550, 637-644	10.2	6
28	Multidimensional approach to evaluate <i>Limonium brasiliense</i> as source of early biomarkers for lead pollution monitoring under different saline conditions. <i>Ecological Indicators</i> , 2019 , 104, 567-575	5.8	5
27	Importance of Physiological Traits Vulnerability in Determine Halophytes Tolerance to Salinity Excess: A Comparative Assessment in. <i>Plants</i> , 2020 , 9,	4.5	5
26	The effect of simulated damage by weevils on <i>Quercus ilex</i> subsp. <i>Ballota</i> acorns germination, seedling growth and tolerance to experimentally induced drought. <i>Forest Ecology and Management</i> , 2018 , 409, 740-748	3.9	5
25	Combined effect of Cr-toxicity and temperature rise on physiological and biochemical responses of <i>Atriplex halimus</i> L. <i>Plant Physiology and Biochemistry</i> , 2018 , 132, 675-682	5.4	5
24	Polyploidy-mediated divergent light-harvesting and photoprotection strategies under temperature stress in a Mediterranean carnation complex. <i>Environmental and Experimental Botany</i> , 2020 , 171, 103956	5.9	5
23	Coastal Ecosystems as Sources of Biofertilizers in Agriculture: From Genomics to Application in an Urban Orchard. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	5
22	Conditions for translocation of a key threatened species, <i>Dianthus inoxianus</i> Gallego, in the southwestern Iberian Mediterranean forest. <i>Forest Ecology and Management</i> , 2019 , 446, 1-9	3.9	4
21	Differential photosynthetic performance of three Mediterranean shrubs under grazing by domestic goats. <i>Photosynthetica</i> , 2010 , 48, 348-354	2.2	4
20	Atmospheric CO ₂ enrichment effect on the Cu-tolerance of the C ₄ cordgrass <i>Spartina densiflora</i> . <i>Journal of Plant Physiology</i> , 2018 , 220, 155-166	3.6	4
19	Estimation of leaf area index and leaf chlorophyll content in <i>Sporobolus densiflorus</i> using hyperspectral measurements and PROSAIL model simulations. <i>International Journal of Remote Sensing</i> , 2021 , 42, 1181-1200	3.1	4
18	Improved Nodulation under Stress Assisted by sp. Endophytes.. <i>Plants</i> , 2022 , 11,	4.5	4
17	Microbial strategies in non-target invasive <i>Spartina densiflora</i> for heavy metal clean up in polluted saltmarshes. <i>Estuarine, Coastal and Shelf Science</i> , 2020 , 238, 106730	2.9	3
16	Municipal Solid Waste Compost Application Improves the Negative Impact of Saline Soil in Two Forage Species. <i>Communications in Soil Science and Plant Analysis</i> , 2014 , 45, 1421-1434	1.5	3
15	Effect of herbicide and soil amendment on growth and photosynthetic responses in olive crops. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2007 , 42, 523-8	2.2	3
14	Inter-population differences tolerance to Cu excess during the initials phases of <i>Juncus acutus</i> life cycle: implications for the design of metal restoration strategies. <i>International Journal of Phytoremediation</i> , 2019 , 21, 550-555	3.9	3
13	Consortia of Plant-Growth-Promoting Rhizobacteria Isolated from Halophytes Improve the Response of Swiss Chard to Soil Salinization. <i>Agronomy</i> , 2022 , 12, 468	3.6	3
12	Modular response to salinity in the annual halophyte, <i>Salicornia ramosissima</i> . <i>Photosynthetica</i> , 2010 , 48, 157-160	2.2	2

11	Interpopulation Responses to Metal Pollution: Metal Tolerance in Wetland Plants 2013 , 149-161		2
10	<i>Sarcocornia fruticosa</i> photosynthetic response to short-term extreme temperature events in combination with optimal and sub-optimal salinity concentrations. <i>Plant Physiology and Biochemistry</i> , 2020 , 148, 45-52	5.4	2
9	Cordgrass Invasions in Mediterranean Marshes: Past, Present and Future. <i>World Terraced Landscapes: History, Environment, Quality of Life Environmental History</i> , 2018 , 171-193	0.3	2
8	Role of Nodulation-Enhancing Rhizobacteria in the Promotion of Development in Nutrient-Poor Soils.. <i>Plants</i> , 2022 , 11,	4.5	2
7	Uncovering PGPB <i>Vibrio spartinae</i> inoculation-triggered physiological mechanisms involved in the tolerance of <i>Halimione portulacoides</i> to NaCl excess. <i>Plant Physiology and Biochemistry</i> , 2020 , 154, 151-159	5.4	1
6	Seasonal ecophysiology of an endangered coastal species, the yellow-horned poppy (<i>Glaucium flavum</i> Crantz). <i>Russian Journal of Ecology</i> , 2014 , 45, 215-222	0.7	1
5	Photosynthetic responses to light intensity of <i>Sarcocornia</i> taxa (Chenopodiaceae). <i>Russian Journal of Plant Physiology</i> , 2010 , 57, 887-891	1.6	1
4	Polyploidy promotes divergent evolution across the leaf economics spectrum and plant edaphic niche in the <i>Dianthus broteri</i> complex. <i>Journal of Ecology</i> ,	6	1
3	Phenotypic diploidization in plant functional traits uncovered by synthetic neopolyploids in <i>Dianthus broteri</i> . <i>Journal of Experimental Botany</i> , 2021 , 72, 5522-5533	7	1
2	Understanding the impact of a complex environmental matrix associated with climate change on the European marshes engineer species <i>Spartina maritima</i> . <i>Environmental and Experimental Botany</i> , 2021 , 182, 104304	5.9	1
1	Assessing the Biofortification of Wheat Plants by Combining a Plant Growth-Promoting Rhizobacterium (PGPR) and Polymeric Fe-Nanoparticles: Allies or Enemies?. <i>Agronomy</i> , 2022 , 12, 228	3.6	0