

Jesus Alberto Perez-Romero

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

444
citations

759233

12
h-index

713466

21
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23
all docs

23
docs citations

23
times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological and biochemical mechanisms preventing Cd-toxicity in the hyperaccumulator <i>Atriplex halimus</i> L.. <i>Plant Physiology and Biochemistry</i> , 2016, 106, 30-38.	5.8	48
2	Impact of Plant Growth Promoting Bacteria on <i>Salicornia ramosissima</i> Ecophysiology and Heavy Metal Phytoremediation Capacity in Estuarine Soils. <i>Frontiers in Microbiology</i> , 2020, 11, 553018.	3.5	47
3	Growth and photosynthetic limitation analysis of the Cd-accumulator <i>Salicornia ramosissima</i> under excessive cadmium concentrations and optimum salinity conditions. <i>Plant Physiology and Biochemistry</i> , 2016, 109, 103-113.	5.8	42
4	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.	6.3	41
5	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.	3.0	38
6	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.	5.8	27
7	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.	3.0	27
8	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.	5.8	21
9	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.	3.3	19
10	Salinity alleviates zinc toxicity in the saltmarsh zinc-accumulator <i>Juncus acutus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 163, 478-485.	6.0	18
11	Effect of prior salt experience on desalination capacity of the halophyte <i>Arthrocnemum macrostachyum</i> . <i>Desalination</i> , 2019, 463, 50-54.	8.2	18
12	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.	6.3	17
13	Importance of Physiological Traits Vulnerability in Determine Halophytes Tolerance to Salinity Excess: A Comparative Assessment in <i>Atriplex halimus</i> . <i>Plants</i> , 2020, 9, 690.	3.5	12
14	Soil phenanthrene phytoremediation capacity in bacteria-assisted <i>Spartina densiflora</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109382.	6.0	10
15	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.	3.0	10
16	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.	3.5	9
17	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.	5.8	8
18	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.	3.2	7

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19	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.	5.8	7
20	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.	3.1	7
21	<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.	5.8	4
22	Salinity Modulates <i>Juncus acutus</i> L. Tolerance to Diesel Fuel Pollution. <i>Plants</i> , 2022, 11, 758.	3.5	4
23	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.	4.2	3