# Jennifer Mesa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1653397/publications.pdf

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|---|---|---|---|
| 22 papers | 597 citations | 759190 12 h-index | 752679 20 g-index |
| 23 all docs | 23 docs citations | 23 times ranked | 640 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Endophytic Cultivable Bacteria of the Metal Bioaccumulator Spartina maritima Improve Plant Growth but Not Metal Uptake in Polluted Marshes Soils. Frontiers in Microbiology, 2015, 6, 1450. | 3.5 | 97 |
| 2 | Scouting contaminated estuaries: Heavy metal resistant and plant growth promoting rhizobacteria in the native metal rhizoaccumulator Spartina maritima. Marine Pollution Bulletin, 2015, 90, 150-159. | 5.0 | 70 |
| 3 | Moving closer towards restoration of contaminated estuaries: Bioaugmentation with autochthonous rhizobacteria improves metal rhizoaccumulation in native Spartina maritima. Journal of Hazardous Materials, 2015, 300, 263-271. | 12.4 | 69 |
| 4 | PGPR Reduce Root Respiration and Oxidative Stress Enhancing Spartina maritima Root Growth and Heavy Metal Rhizoaccumulation. Frontiers in Plant Science, 2018, 9, 1500. | 3.6 | 61 |
| 5 | Impact of Plant Growth Promoting Bacteria on Salicornia ramosissima Ecophysiology and Heavy Metal Phytoremediation Capacity in Estuarine Soils. Frontiers in Microbiology, 2020, 11, 553018. | 3.5 | 47 |
| 6 | Effect of Plant Growth-Promoting Rhizobacteria on Salicornia ramosissima Seed Germination under Salinity, CO2 and Temperature Stress. Agronomy, 2019, 9, 655. | 3.0 | 38 |
| 7 | Deciphering the role of plant growth-promoting rhizobacteria in the tolerance of the invasive cordgrass Spartina densiflora to physicochemical properties of salt-marsh soils. Plant and Soil, 2015, 394, 45-55. | 3.7 | 27 |
| 8 | Consortia of Plant-Growth-Promoting Rhizobacteria Isolated from Halophytes Improve Response of Eight Crops to Soil Salinization and Climate Change Conditions. Agronomy, 2021, 11, 1609. | 3.0 | 27 |
| 9 | Marinomonas spartinae sp. nov., a novel species with plant-beneficial properties. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1686-1691. | 1.7 | 20 |
| 10 | Vibrio palustris sp. nov. and Vibrio spartinae sp. nov., two novel members of the Gazogenes clade, isolated from salt-marsh plants (Arthrocnemum macrostachyum and Spartina maritima). International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3506-3512. | 1.7 | 20 |
| 11 | Salinity alleviates zinc toxicity in the saltmarsh zinc-accumulator Juncus acutus. Ecotoxicology and Environmental Safety, 2018, 163, 478-485. | 6.0 | 18 |
| 12 | Bacterial Endophytes from Halophytes: How Do They Help Plants to Alleviate Salt Stress?. , 2019, , 147-160. | | 16 |
| 13 | Consortia of Plant-Growth-Promoting Rhizobacteria Isolated from Halophytes Improve the Response of Swiss Chard to Soil Salinization. Agronomy, 2022, 12, 468. | 3.0 | 16 |
| 14 | Heavy Metal Pollution Structures Soil Bacterial Community Dynamics in SW Spain Polluted Salt Marshes. Water, Air, and Soil Pollution, 2016, 227, 1. | 2.4 | 13 |
| 15 | Exploring Genotype-by-Environment Interactions of Chemical Composition of Raspberry by Using a Metabolomics Approach. Metabolites, 2021, 11, 490. | 2.9 | 13 |
| 16 | Soil phenanthrene phytoremediation capacity in bacteria-assisted Spartina densiflora. Ecotoxicology and Environmental Safety, 2019, 182, 109382. | 6.0 | 10 |
| 17 | Uncovering PGPB Vibrio spartinae inoculation-triggered physiological mechanisms involved in the tolerance of Halimione portulacoides to NaCl excess. Plant Physiology and Biochemistry, 2020, 154, 151-159. | 5.8 | 8 |
| 18 | Inter-population differences tolerance to Cu excess during the initials phases of Juncus acutus life cycle: implications for the design of metal restoration strategies. International Journal of Phytoremediation, 2019, 21, 550-555. | 3.1 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Microbial strategies in non-target invasive Spartina densiflora for heavy metal clean up in polluted saltmarshes. Estuarine, Coastal and Shelf Science, 2020, 238, 106730. | 2.1 | 6 |
| 20 | Isolation of Plant Growth Promoting Rhizobacteria from Spartina densiflora and Sarcocornia perennis in San Antonio polluted salt marsh, Patagonian Argentina. Estuarine, Coastal and Shelf Science, 2021, 260, 107488. | 2.1 | 5 |
| 21 | Understanding the impact of a complex environmental matrix associated with climate change on the European marshes engineer species Spartina martima. Environmental and Experimental Botany, 2021, 182, 104304. | 4.2 | 3 |
| 22 | Mejora docente en el Grado de BiologÃa para aprender a caracterizar ecosistemas acuÃ¡ticos. , 0, , 345-360. | | 0 |