

Susana Redondo-Gmez

List of Publications by Year in Descending Order

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

96
papers

2,772
citations

30
h-index

49
g-index

100
ext. papers

3,208
ext. citations

4.6
avg, IF

5.12
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 96 | 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 |
| 95 | 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 |
| 94 | Improved Nodulation under Stress Assisted by sp. Endophytes.. <i>Plants</i> , 2022 , 11, | 4.5 | 4 |
| 93 | Role of Nodulation-Enhancing Rhizobacteria in the Promotion of Development in Nutrient-Poor Soils.. <i>Plants</i> , 2022 , 11, | 4.5 | 2 |
| 92 | 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 |
| 91 | 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 |
| 90 | 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 |
| 89 | 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 |
| 88 | Importance of Physiological Traits Vulnerability in Determine Halophytes Tolerance to Salinity Excess: A Comparative Assessment in. <i>Plants</i> , 2020 , 9, | 4.5 | 5 |
| 87 | Mediterranean seasonality and the halophyte <i>Arthrocnemum macrostachyum</i> determine the bacterial community in salt marsh soils in Southwest Spain. <i>Applied Soil Ecology</i> , 2020 , 151, 103532 | 5 | 3 |
| 86 | 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 |
| 85 | 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 |
| 84 | 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 |
| 83 | <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 |
| 82 | 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 |
| 81 | 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 |
| 80 | 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 |

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| 79 | Supporting Spartina: Interdisciplinary perspective shows Spartina as a distinct solid genus. <i>Ecology</i> , 2019 , 100, e02863 | 4.6 | 22 |
| 78 | 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 |
| 77 | Soil phenanthrene phytoremediation capacity in bacteria-assisted Spartina densiflora. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 182, 109382 | 7 | 7 |
| 76 | Effect of Plant Growth-Promoting Rhizobacteria on Salicornia ramosissima Seed Germination under Salinity, CO ₂ and Temperature Stress. <i>Agronomy</i> , 2019 , 9, 655 | 3.6 | 19 |
| 75 | Investigating the physiological mechanisms underlying Salicornia ramosissima 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 |
| 74 | Inter-population differences tolerance to Cu excess during the initials phases of Juncus acutus life cycle: implications for the design of metal restoration strategies. <i>International Journal of Phytoremediation</i> , 2019 , 21, 550-555 | 3.9 | 3 |
| 73 | 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 |
| 72 | 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 |
| 71 | Salinity alleviates zinc toxicity in the saltmarsh zinc-accumulator Juncus acutus. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 163, 478-485 | 7 | 12 |
| 70 | Disentangling the effect of atmospheric CO ₂ enrichment on the halophyte Salicornia ramosissima J. Woods physiological performance under optimal and suboptimal saline conditions. <i>Plant Physiology and Biochemistry</i> , 2018 , 127, 617-629 | 5.4 | 19 |
| 69 | Combined effect of Cr-toxicity and temperature rise on physiological and biochemical responses of Atriplex halimus L. <i>Plant Physiology and Biochemistry</i> , 2018 , 132, 675-682 | 5.4 | 5 |
| 68 | Atmospheric CO ₂ enrichment effect on the Cu-tolerance of the C cordgrass Spartina densiflora. <i>Journal of Plant Physiology</i> , 2018 , 220, 155-166 | 3.6 | 4 |
| 67 | Kushneria phyllosphaerae sp. nov. and Kushneria endophytica sp. nov., plant growth promoting endophytes isolated from the halophyte plant Arthrocnemum macrostachyum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2800-2806 | 2.2 | 5 |
| 66 | 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 |
| 65 | Bioaugmentation with bacteria selected from the microbiome enhances Arthrocnemum macrostachyum metal accumulation and tolerance. <i>Marine Pollution Bulletin</i> , 2017 , 117, 340-347 | 6.7 | 24 |
| 64 | Highlighting the differential role of leaf paraheliotropism in two Mediterranean Cistus species under drought stress and well-watered conditions. <i>Journal of Plant Physiology</i> , 2017 , 213, 199-208 | 3.6 | 7 |
| 63 | Assessing the role of endophytic bacteria in the halophyte Arthrocnemum macrostachyum salt tolerance. <i>Plant Biology</i> , 2017 , 19, 249-256 | 3.7 | 53 |
| 62 | Modulation of Spartina densiflora 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 |

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| 61 | Kocuria salina sp. nov., an actinobacterium isolated from the rhizosphere of the halophyte <i>Arthrocnemum macrostachyum</i> and emended description of <i>Kocuria turfanensis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 5006-5012 | 2.2 | 5 |
| 60 | 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 |
| 59 | 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 |
| 58 | <i>Microbulbifer rhizosphaerae</i> sp. nov., isolated from the rhizosphere of the halophyte <i>Arthrocnemum macrostachyum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1844-1850 | 2.2 | 13 |
| 57 | <i>Labrenzia salina</i> sp. nov., isolated from the rhizosphere of the halophyte <i>Arthrocnemum macrostachyum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 5173-5180 | 2.2 | 12 |
| 56 | Physiological and biochemical mechanisms preventing Cd-toxicity in the hyperaccumulator <i>Atriplex halimus</i> L. <i>Plant Physiology and Biochemistry</i> , 2016 , 106, 30-8 | 5.4 | 34 |
| 55 | 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 | 5.4 | 31 |
| 54 | 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 |
| 53 | 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 |
| 52 | Improving legume nodulation and Cu rhizostabilization using a genetically modified rhizobia. <i>Environmental Technology (United Kingdom)</i> , 2015 , 36, 1237-45 | 2.6 | 25 |
| 51 | 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 |
| 50 | 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 |
| 49 | Prospecting metal-resistant plant-growth promoting rhizobacteria for rhizoremediation of metal contaminated estuaries using <i>Spartina densiflora</i> . <i>Environmental Science and Pollution Research</i> , 2014 , 21, 3713-21 | 5.1 | 44 |
| 48 | 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 |
| 47 | Growth, nutrient status, and photosynthetic response to diesel-contaminated soil of a cordgrass, <i>Spartina argentinensis</i> . <i>Marine Pollution Bulletin</i> , 2014 , 79, 34-8 | 6.7 | 16 |
| 46 | Bioaccumulation of heavy metals in <i>Spartina</i> . <i>Functional Plant Biology</i> , 2013 , 40, 913-921 | 2.7 | 55 |
| 45 | Abiotic and Biotic Stress Tolerance in Plants 2013 , 1-20 | | 8 |
| 44 | Tolerance to and accumulation of arsenic in the cordgrass <i>Spartina densiflora</i> Brongn. <i>Bioresource Technology</i> , 2012 , 104, 187-94 | 11 | 29 |

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| 43 | Identification of a 2-cys peroxiredoxin as a tetramethyl benzidine-hydrogen peroxide stained protein from the thylakoids of the extreme halophyte <i>Arthrocnemum macrostachyum</i> L. <i>Plant Physiology and Biochemistry</i> , 2012 , 57, 59-66 | 5.4 | 1 |
| 42 | Chloroplast ultrastructure and thylakoid polypeptide composition are affected by different salt concentrations in the halophytic plant <i>Arthrocnemum macrostachyum</i> . <i>Journal of Plant Physiology</i> , 2012 , 169, 111-6 | 3.6 | 26 |
| 41 | Comparison of germination, growth, photosynthetic responses and metal uptake between three populations of <i>Spartina densiflora</i> under different soil pollution conditions. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 2040-9 | 7 | 38 |
| 40 | 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 |
| 39 | <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 |
| 38 | 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 |
| 37 | Response of Holm oak (<i>Quercus ilex</i> subsp. <i>ballota</i>) and mastic shrub (<i>Pistacia lentiscus</i> L.) seedlings to high concentrations of Cd and Tl in the rhizosphere. <i>Chemosphere</i> , 2011 , 83, 1166-74 | 8.4 | 27 |
| 36 | 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 |
| 35 | 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 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | Exploring molecular variation in the cosmopolitan <i>Caprella penantis</i> (Crustacea: Amphipoda): results from RAPD analysis. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010 , 90, 617-622 | 1.1 | 8 |
| 28 | 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 |
| 27 | Modular response to salinity in the annual halophyte, <i>Salicornia ramosissima</i> . <i>Photosynthetica</i> , 2010 , 48, 157-160 | 2.2 | 2 |
| 26 | Differential photosynthetic performance of three Mediterranean shrubs under grazing by domestic goats. <i>Photosynthetica</i> , 2010 , 48, 348-354 | 2.2 | 4 |

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| 25 | 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 |
| 24 | Growth and photosynthetic responses of the cordgrass <i>Spartina maritima</i> to CO ₂ enrichment and salinity. <i>Chemosphere</i> , 2010 , 81, 725-31 | 8.4 | 37 |
| 23 | 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 |
| 22 | Effectiveness of glyphosate and imazamox on the control of the invasive cordgrass <i>Spartina densiflora</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 1694-700 | 7 | 31 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | Environmental limitations on recruitment from seed in invasive <i>Spartina densiflora</i> on a southern European salt marsh. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 79, 727-732 | 2.9 | 29 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | Carry-over of differential salt tolerance in plants grown from dimorphic seeds of <i>Suaeda splendens</i> . <i>Annals of Botany</i> , 2008 , 102, 103-12 | 4.1 | 47 |
| 13 | 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 | 3.4 | 21 |
| 12 | 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 |
| 11 | 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 |
| 10 | Combined effect of diuron and simazine on photosystem II photochemistry in a sandy soil and soil amended with solid olive-mill waste. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2007 , 42, 249-54 | 2.2 | 6 |
| 9 | 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 |
| 8 | 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 | 2.6 | 17 |

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| 7 | Caprella penantis Leach, 1814 and Caprella dilatata 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 | 1 | 7 |
| 6 | 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 |
| 5 | Biological Flora of the British Isles: <i>Sarcocornia perennis</i> (Miller) A.J. Scott. <i>Journal of Ecology</i> , 2006 , 94, 1035-1048 | 6 | 59 |
| 4 | Short-term responses to salinity of an invasive cordgrass. <i>Biological Invasions</i> , 2005 , 7, 29-35 | 2.7 | 42 |
| 3 | 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 | 2.2 | 13 |
| 2 | Influences of salinity and light on germination of three <i>Sarcocornia</i> taxa with contrasted habitats. <i>Aquatic Botany</i> , 2004 , 78, 255-264 | 1.8 | 74 |
| 1 | Facilitated invasion by hybridization of <i>Sarcocornia</i> species in a salt-marsh succession. <i>Journal of Ecology</i> , 2003 , 91, 616-626 | 6 | 74 |