

# MarÃ-a A PÃ©rez-FernÃ¡ndez

## List of Publications by Year in descending order

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47  
papers

1,032  
citations

430874

18  
h-index

434195

31  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphate and phosphite have a differential impact on the proteome and phosphoproteome of <i>Arabidopsis</i> suspension cell cultures. <i>Plant Journal</i> , 2021, 105, 924-941.	5.7	24
2	Symbionts in <i>Mucuna pruriens</i> stimulate plant performance through nitrogen fixation and improved phosphorus acquisition. <i>Journal of Plant Ecology</i> , 2021, 14, 310-322.	2.3	2
3	Understanding the morphological and genetic distinctiveness of the Spanish pouter pigeons: the Marchenero Pouter as a case study. <i>Ibis</i> , 2020, 162, 766-777.	1.9	3
4	Soil nutrition, microbial composition and associated soil enzyme activities in KwaZulu-Natal grasslands and savannah ecosystems soils. <i>Applied Soil Ecology</i> , 2020, 155, 103663.	4.3	18
5	Nitrogen and phosphorus influence <i>Acacia saligna</i> invasiveness in the fynbos biome. <i>Plant Ecology</i> , 2020, 221, 309-320.	1.6	6
6	Regulatory effect of phosphorus and nitrogen on nodulation and plant performance of leguminous shrubs. <i>AoB PLANTS</i> , 2019, , .	2.3	22
7	Phosphorus and Nitrogen Modulate Plant Performance in Shrubby Legumes from the Iberian Peninsula. <i>Plants</i> , 2019, 8, 334.	3.5	14
8	Seed provenance determines germination responses of <i>Rumex crispus</i> (L.) under water stress and nutrient availability. <i>Journal of Plant Ecology</i> , 2019, 12, 949-961.	2.3	5
9	Nutritional status of soils from KwaZulu-Natal modulate symbiotic interactions and plant performance in <i>Vigna unguiculata</i> L. (Walp). <i>Applied Soil Ecology</i> , 2019, 142, 1-7.	4.3	9
10	Differential patterns of nitrogen nutrition and growth cost of the indigenous <i>Vachellia sieberiana</i> and the introduced <i>Chromolaena odorata</i> in the savannah environment. <i>AoB PLANTS</i> , 2019, 11, plz008.	2.3	4
11	Roots and Nodules Response Differently to P Starvation in the Mediterranean-Type Legume <i>Virgilia divaricata</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 73.	3.6	23
12	Variation in rhizosphere nutrient cycling affects the source of nitrogen acquisition in wild and cultivated <i>Aspalathus linearis</i> (N.L.Burm.) R.Dahlgren plants. <i>Applied Soil Ecology</i> , 2018, 130, 26-33.	4.3	5
13	Differential growth costs and nitrogen fixation in <i>Cytisus multiflorus</i> (L.) Sweet and <i>Cytisus scoparius</i> (L.) Link are mediated by sources of inorganic N. <i>Plant Biology</i> , 2017, 19, 742-748.	3.8	12
14	Enhanced Plant Performance in <i>Cicer arietinum</i> L. Due to the Addition of a Combination of Plant Growth-Promoting Bacteria. <i>Agriculture (Switzerland)</i> , 2017, 7, 40.	3.1	10
15	Patterns of Growth Costs and Nitrogen Acquisition in <i>Cytisus striatus</i> (Hill) Rothm. and <i>Cytisus balansae</i> (Boiss.) Ball are Mediated by Sources of Inorganic N. <i>Plants</i> , 2016, 5, 20.	3.5	3
16	Benefits of the Symbiotic Association of Shrubby Legumes for the Rehabilitation of Degraded Soils under Mediterranean Climatic Conditions. <i>Land Degradation and Development</i> , 2016, 27, 395-405.	3.9	31
17	Competition and facilitation between Australian and Spanish legumes in seven Australian soils. <i>Plant Species Biology</i> , 2016, 31, 256-271.	1.0	12
18	Broad environmental tolerance of native root-nodule bacteria of <i>Biserrula pelecinus</i> indicate potential for soil fertility restoration. <i>Plant Ecology and Diversity</i> , 2016, 9, 299-307.	2.4	2

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19	Total growth and root-cluster production by legumes and proteas depends on rhizobacterial strain, host species and nitrogen level. <i>Annals of Botany</i> , 2016, 118, 725-732.	2.9	8
20	Source of inorganic N affects the cost of growth in a legume tree species ( <i>Virgilia divaricata</i> ) from the Mediterranean-type Fynbos ecosystem. <i>Journal of Plant Ecology</i> , 2016, 9, 752-761.	2.3	19
21	Competing Bradyrhizobia strains determine niche occupancy by two native legumes in the Iberian Peninsula. <i>Plant Ecology</i> , 2015, 216, 1537-1549.	1.6	9
22	Soil bacteria hold the key to root cluster formation. <i>New Phytologist</i> , 2015, 206, 1156-1162.	7.3	21
23	Evolution of vegetation and soil nutrients after uranium mining in Los Ratones mine (Cáceres, Spain). <i>Isotopes in Environmental and Health Studies</i> , 2014, 50, 257-268.	1.0	2
24	The dual symbiosis between arbuscular mycorrhiza and nitrogen fixing bacteria benefits the growth and nutrition of the woody invasive legume <i>Acacia cyclops</i> under nutrient limiting conditions. <i>Plant and Soil</i> , 2013, 366, 229-241.	3.7	38
25	Biological nitrogen fixation of <i>Biserrula pelecinus</i> L. under water deficit. <i>Plant, Soil and Environment</i> , 2012, 58, 360-366.	2.2	7
26	Arbuscular mycorrhiza maintains nodule function during external NH <sub>4</sub> <sup>+</sup> supply in <i>Phaseolus vulgaris</i> (L.). <i>Mycorrhiza</i> , 2012, 22, 237-245.	2.8	20
27	Transfer of <sup>238</sup> U, <sup>230</sup> Th, <sup>226</sup> Ra, and <sup>210</sup> Pb from soils to tree and shrub species in a Mediterranean area. <i>Applied Radiation and Isotopes</i> , 2010, 68, 1154-1159.	1.5	27
28	Arbuscular mycorrhizae affect the N and C economy of nodulated <i>Phaseolus vulgaris</i> (L.) during NH <sub>4</sub> <sup>+</sup> nutrition. <i>Soil Biology and Biochemistry</i> , 2009, 41, 2115-2121.	8.8	30
29	Biodiversity of Root-Nodule Bacteria Associated With the Leguminous Plant <i>Biserrula pelecinus</i> . <i>Soil Science</i> , 2009, 174, 424-429.	0.9	3
30	Influence of soil texture on the distribution and availability of <sup>238</sup> U, <sup>230</sup> Th, and <sup>226</sup> Ra in soils. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 1247-1254.	1.7	40
31	The role of arbuscular mycorrhizal colonization in the carbon and nutrient economy of the tripartite symbiosis with nodulated <i>Phaseolus vulgaris</i> . <i>Soil Biology and Biochemistry</i> , 2008, 40, 1019-1027.	8.8	154
32	NH <sub>4</sub> <sup>+</sup> Nutrition Affects the Photosynthetic and Respiratory C Sinks in the Dual Symbiosis of a Mycorrhizal Legume. <i>Current Plant Science and Biotechnology in Agriculture</i> , 2008, , 273-274.	0.0	0
33	Rhizobial Diversity Associated with South African Legumes. <i>Current Plant Science and Biotechnology in Agriculture</i> , 2008, , 121-122.	0.0	0
34	Nutritional and Photosynthetic Performance of Invasive and Indigenous Legumes in a Mediterranean Ecosystem. <i>Current Plant Science and Biotechnology in Agriculture</i> , 2008, , 137-138.	0.0	0
35	Ecology and Phytochemical Analysis of the Medicinal Legume, <i>Sutherlandia frutescens</i> (L.)R. Br., at Two Locations. <i>Current Plant Science and Biotechnology in Agriculture</i> , 2008, , 139-139.	0.0	0
36	Nutritional effects of indigenous arbuscular mycorrhizal associations on the sclerophyllous species <i>Agathosma betulina</i> . <i>Web Ecology</i> , 2007, 7, 77-86.	1.6	5

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37	Seed germination in response to chemicals: effect of nitrogen and pH in the media. <i>Journal of Environmental Biology</i> , 2006, 27, 13-20.	0.5	27
38	Simulation of germination of pioneer species along an experimental drought gradient. <i>Journal of Environmental Biology</i> , 2006, 27, 679-85.	0.5	8
39	Potential use of Iberian shrubby legumes and rhizobia inoculation in revegetation projects under acidic soil conditions. <i>Applied Soil Ecology</i> , 2005, 29, 203-208.	4.3	39
40	Screening of Soil Micro-organisms and Their Influence in the Establishment of Annual Herbaceous Species. <i>Asian Journal of Plant Sciences</i> , 2004, 3, 532-538.	0.4	0
41	Effect of smoke, charred wood, and nitrogenous compounds on seed germination of ten species from woodland in central-western Spain. <i>Journal of Chemical Ecology</i> , 2003, 29, 237-251.	1.8	85
42	Analysis of the legume-rhizobia symbiosis in shrubs from central western Spain. <i>Journal of Applied Microbiology</i> , 2003, 95, 1367-1374.	3.1	64
43	Nodulation and performance of exotic and native legumes in Australian soils. <i>Australian Journal of Botany</i> , 2003, 51, 543.	0.6	17
44	Soil fertility and herb facilitation mediated by <i>Retama sphaerocarpa</i> . <i>Journal of Vegetation Science</i> , 2003, 14, 807.	2.2	11
45	Germination of seven exotic weeds and seven native species in south-western Australia under steady and fluctuating water supply. <i>Acta Oecologica</i> , 2000, 21, 323-336.	1.1	49
46	Survival and growth of native and exotic composites in response to a nutrient gradient. <i>Plant Ecology</i> , 1999, 145, 125-132.	1.6	62
47	Seedling growth response to added nutrients depends on seed size in three woody genera. <i>Journal of Ecology</i> , 1998, 86, 624-632.	4.0	79