

Maria del Carmen del Campillo

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.

55
papers

1,468
citations

20
h-index

37
g-index

56
ext. papers

1,645
ext. citations

3.6
avg, IF

4.45
L-index

#	Paper	IF	Citations
55	Combining P and Zn fertilization to enhance yield and grain quality in maize grown on Mediterranean soils. <i>Scientific Reports</i> , 2021 , 11, 7427	4.9	4
54	Optimum Olsen Phosphorus/Zinc ratio for the initial growth of maize in agricultural soils of the Mediterranean region. <i>Journal of the Science of Food and Agriculture</i> , 2021 , 101, 3056-3064	4.3	
53	Zinc biofortification strategies for wheat grown on calcareous Vertisols in southern Spain: application method and rate. <i>Plant and Soil</i> , 2021 , 462, 125-140	4.2	3
52	Soil Nutrients Effects on the Performance of Durum Wheat Inoculated with Entomopathogenic Fungi. <i>Agronomy</i> , 2020 , 10, 589	3.6	5
51	Effects of entomopathogenic fungi on growth and nutrition in wheat grown on two calcareous soils: Influence of the fungus application method. <i>Annals of Applied Biology</i> , 2020 , 177, 26-40	2.6	4
50	Phosphorus-induced zinc deficiency in wheat pot-grown on noncalcareous and calcareous soils of different properties. <i>Archives of Agronomy and Soil Science</i> , 2019 , 65, 208-223	2	11
49	An endophytic <i>Beauveria bassiana</i> strain increases spike production in bread and durum wheat plants and effectively controls cotton leafworm (<i>Spodoptera littoralis</i>) larvae. <i>Biological Control</i> , 2018 , 116, 90-102	3.8	72
48	Redefining the dose of the entomopathogenic fungus <i>Metarhizium brunneum</i> (Ascomycota, Hypocreales) to increase Fe bioavailability and promote plant growth in calcareous and sandy soils. <i>Plant and Soil</i> , 2017 , 418, 387-404	4.2	22
47	Phosphorus reduces the zinc concentration in cereals pot-grown on calcareous Vertisols from southern Spain. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 3427-3432	4.3	16
46	Entomopathogenic fungi-based mechanisms for improved Fe nutrition in sorghum plants grown on calcareous substrates. <i>PLoS ONE</i> , 2017 , 12, e0185903	3.7	30
45	Designing an accompanying ecosystem to foster entrepreneurship among agronomic and forestry engineering students. Opinion and commitment of university lecturers. <i>European Journal of Engineering Education</i> , 2016 , 41, 393-410	1.5	2
44	The entomopathogenic fungus <i>Metarhizium brunneum</i> : a tool for alleviating Fe chlorosis. <i>Plant and Soil</i> , 2016 , 406, 295-310	4.2	18
43	Calculation of threshold Olsen P values for fertilizer response from soil properties. <i>Agronomy for Sustainable Development</i> , 2016 , 36, 1	6.8	21
42	Accuracy of Olsen P to assess plant P uptake in relation to soil properties and P forms. <i>Agronomy for Sustainable Development</i> , 2015 , 35, 1571-1579	6.8	17
41	<i>Beauveria bassiana</i> : An entomopathogenic fungus alleviates Fe chlorosis symptoms in plants grown on calcareous substrates. <i>Scientia Horticulturae</i> , 2015 , 197, 193-202	4.1	30
40	Fe deficiency induction in <i>Poncirus trifoliata</i> rootstock growing in nutrient solution changes its performance after transplant to soil. <i>Scientia Horticulturae</i> , 2015 , 182, 102-109	4.1	4
39	Critical Olsen P and CaCl ₂ -P levels as related to soil properties: results from micropot experiments. <i>Soil Use and Management</i> , 2015 , 31, 233-240	3.1	16

38	Plant growth responses to biochar amendment of Mediterranean soils deficient in iron and phosphorus. <i>Journal of Plant Nutrition and Soil Science</i> , 2015 , 178, 567-575	2.3	10
37	Short communication: Predicting cation exchange capacity from hygroscopic moisture in agricultural soils of Western Europe. <i>Spanish Journal of Agricultural Research</i> , 2015 , 13, e11SC01	1.1	5
36	Effects of biochars produced from different feedstocks on soil properties and sunflower growth. <i>Journal of Plant Nutrition and Soil Science</i> , 2014 , 177, 16-25	2.3	159
35	The Olsen P/solution P relationship as affected by soil properties. <i>Soil Use and Management</i> , 2014 , 30, 454-462	3.1	10
34	Evaluation of preflooding effects on iron extractability and phytoavailability in highly calcareous soil in containers. <i>Journal of Plant Nutrition and Soil Science</i> , 2014 , 177, 150-158	2.3	17
33	Wheat growth and yield responses to biochar addition under Mediterranean climate conditions. <i>Biology and Fertility of Soils</i> , 2014 , 50, 1177-1187	6.1	71
32	The severity of iron chlorosis in sensitive plants is related to soil phosphorus levels. <i>Journal of the Science of Food and Agriculture</i> , 2014 , 94, 2766-73	4.3	10
31	Extraction with 0.01M CaCl ₂ underestimates the concentration of phosphorus in the soil solution. <i>Soil Use and Management</i> , 2014 , 30, n/a-n/a	3.1	5
30	Organic acids alleviate iron chlorosis in chickpea grown on two p-fertilized soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2014 , 35-46	3.2	5
29	Phosphate aggravates iron chlorosis in sensitive plants grown on model calcium carbonate/iron oxide systems. <i>Plant and Soil</i> , 2013 , 373, 31-42	4.2	12
28	Enhanced wheat yield by biochar addition under different mineral fertilization levels. <i>Agronomy for Sustainable Development</i> , 2013 , 33, 475-484	6.8	197
27	Phosphorus losses from two representative small catchments in the Mediterranean part of Spain. <i>Journal of Soils and Sediments</i> , 2013 , 13, 1369-1377	3.4	4
26	Iron chlorosis in field grown olive as affected by phosphorus fertilization. <i>European Journal of Agronomy</i> , 2013 , 51, 101-107	5	5
25	Lowering iron chlorosis of olive by soil application of iron sulfate or siderite. <i>Agronomy for Sustainable Development</i> , 2013 , 34, 677	6.8	1
24	Application of synthetic siderite (FeCO ₃) to the soil is capable of alleviating iron chlorosis in olive trees. <i>Scientia Horticulturae</i> , 2012 , 138, 17-23	4.1	18
23	Pot evaluation of synthetic nanosiderite for the prevention of iron chlorosis. <i>Journal of the Science of Food and Agriculture</i> , 2012 , 92, 1964-73	4.3	13
22	Reflectance spectroscopy: a tool for predicting soil properties related to the incidence of Fe chlorosis. <i>Spanish Journal of Agricultural Research</i> , 2012 , 10, 1133	1.1	14
21	Iron(III) Reduction in Anaerobically Incubated Suspensions of Highly Calcareous Agricultural Soils. <i>Soil Science Society of America Journal</i> , 2011 , 75, 2136-2146	2.5	19

20	Limitations of the Olsen method to assess plant-available phosphorus in reclaimed marsh soils. <i>Soil Use and Management</i> , 2010 , 26, 133-140	3.1	18
19	Estimation of aggregate stability indices in Mediterranean soils by diffuse reflectance spectroscopy. <i>Geoderma</i> , 2010 , 158, 78-84	6.7	80
18	Testing the ability of vivianite to prevent iron deficiency in pot-grown grapevine. <i>Scientia Horticulturae</i> , 2010 , 123, 464-468	4.1	23
17	Iron deficiency symptoms in grapevine as affected by the iron oxide and carbonate contents of model substrates. <i>Plant and Soil</i> , 2009 , 322, 293-302	4.2	10
16	Predicting the Incidence of Iron Deficiency Chlorosis from Hydroxylamine-Extractable Iron in Soil. <i>Soil Science Society of America Journal</i> , 2008 , 72, 1493-1499	2.5	8
15	Soil Properties Influencing Iron Chlorosis in Grapevines Grown in the Montilla-Moriles Area, Southern Spain. <i>Communications in Soil Science and Plant Analysis</i> , 2006 , 37, 1723-1729	1.5	16
14	Temporary flooding increases iron phytoavailability in calcareous Vertisols and Inceptisols. <i>Plant and Soil</i> , 2005 , 266, 195-203	4.2	14
13	Iron chlorosis in olive in relation to soil properties. <i>Nutrient Cycling in Agroecosystems</i> , 2002 , 62, 47-52	3.3	36
12	Long-term effectiveness of vivianite in reducing iron chlorosis in olive trees. <i>Plant and Soil</i> , 2002 , 241, 139-144	4.2	29
11	Phosphorus fertilizer recovery from calcareous soils amended with humic and fulvic acids. <i>Plant and Soil</i> , 2002 , 245, 277-286	4.2	114
10	Fertilizer Phosphorus Recovery from Gypsum-Amended, Reclaimed Calcareous Marsh Soils. <i>Arid Land Research and Management</i> , 2002 , 16, 319-334	1.8	29
9	Effect of Soil Properties and Reclamation Practices on Phosphorus Dynamics in Reclaimed Calcareous Marsh Soils from the Guadalquivir Valley, SW Spain. <i>Arid Land Research and Management</i> , 2001 , 15, 203-221	1.8	42
8	Calcium- and iron-related phosphorus in calcareous and calcareous marsh soils: Sequential chemical fractionation and ³¹ P nuclear magnetic resonance study. <i>Communications in Soil Science and Plant Analysis</i> , 2000 , 31, 2483-2499	1.5	24
7	Modelling long-term phosphorus leaching and changes in phosphorus fertility in excessively fertilized acid sandy soils. <i>European Journal of Soil Science</i> , 1999 , 50, 391-399	3.4	69
6	Systematic bias in measuring intensities by selective extraction of bulked samples. <i>Communications in Soil Science and Plant Analysis</i> , 1996 , 27, 1829-1841	1.5	4
5	Predicting the incidence of iron chlorosis in calcareous soils of southern Spain. <i>Communications in Soil Science and Plant Analysis</i> , 1992 , 23, 399-416	1.5	28
4	A Rapid Acid-Oxalate Extraction Procedure for the Determination of Active Fe-oxide Forms in Calcareous Soils. <i>Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science</i> , 1992 , 155, 437-440		17
3	The reactivity of carbonates in selected soils of southern Spain. <i>Geoderma</i> , 1992 , 52, 149-160	6.7	23

2	Use of vivianite ($\text{Fe}_3(\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$) to prevent iron chlorosis in calcareous soils. <i>Fertilizer Research</i> , 1992 , 31, 61-67	33
1	Wheat and Maize Grown on Two Contrasting Zinc-deficient Calcareous Soils Respond Differently to Soil and Foliar Application of Zinc. <i>Journal of Soil Science and Plant Nutrition</i> , 1	3-2 0