

# Beatriz GÃ³mez-MuÃ±oz

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

566  
citations

623188

14  
h-index

642321

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

751  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellulose amendment promotes P solubilization by <i>Penicillium aculeatum</i> in non-sterilized soil. <i>Fungal Biology</i> , 2022, 126, 356-365.	1.1	4
2	Can silicon in glacial rock flour enhance phosphorus availability in acidic tropical soil?. <i>Plant and Soil</i> , 2022, 477, 241-258.	1.8	4
3	Nutrient interactions and salinity effects on plant uptake of phosphorus from waste-based fertilisers. <i>Geoderma</i> , 2022, 422, 115939.	2.3	2
4	High fire frequency reduces soil fertility underneath woody plant canopies of Mediterranean ecosystems. <i>Science of the Total Environment</i> , 2021, 752, 141877.	3.9	27
5	Phosphate-solubilising microorganisms for improved crop productivity: a critical assessment. <i>New Phytologist</i> , 2021, 229, 1268-1277.	3.5	98
6	Long-term effect of tillage and straw retention in conservation agriculture systems on soil carbon storage. <i>Soil Science Society of America Journal</i> , 2021, 85, 1465-1478.	1.2	13
7	Glacially abraded rock flour from Greenland: Potential for macronutrient supply to plants. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 846-856.	1.1	8
8	Seed treatment with <i>Penicillium</i> sp. or Mn/Zn can alleviate the negative effects of cold stress in maize grown in soils dependent on soil fertility. <i>Journal of Agronomy and Crop Science</i> , 2018, 204, 603-612.	1.7	16
9	Effects of <i>Penicillium bilaii</i> on maize growth are mediated by available phosphorus. <i>Plant and Soil</i> , 2018, 431, 159-173.	1.8	21
10	Nitrogen turnover, crop use efficiency and soil fertility in a long-term field experiment amended with different qualities of urban and agricultural waste. <i>Agriculture, Ecosystems and Environment</i> , 2017, 240, 300-313.	2.5	41
11	Carbon saturation and assessment of soil organic carbon fractions in Mediterranean rainfed olive orchards under plant cover management. <i>Agriculture, Ecosystems and Environment</i> , 2017, 245, 135-146.	2.5	41
12	Nitrogen mineralisation and greenhouse gas emission from the soil application of sludge from reed bed mineralisation systems. <i>Journal of Environmental Management</i> , 2017, 203, 59-67.	3.8	7
13	<i>Penicillium bilaii</i> effects on maize growth and P uptake from soil and localized sewage sludge in a rhizobox experiment. <i>Biology and Fertility of Soils</i> , 2017, 53, 23-35.	2.3	22
14	Management of tree pruning residues to improve soil organic carbon in olive groves. <i>European Journal of Soil Biology</i> , 2016, 74, 104-113.	1.4	36
15	Environmental impacts of combining pig slurry acidification and separation under different regulatory regimes – A life cycle assessment. <i>Journal of Environmental Management</i> , 2016, 181, 710-720.	3.8	15
16	Agrochemical characterization of vermicomposts produced from residues of Palo Santo ( <i>Bursera</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.7	10
17	The effect of <i>Penicillium bilaii</i> on wheat growth and phosphorus uptake as affected by soil pH, soil P and application of sewage sludge. <i>Chemical and Biological Technologies in Agriculture</i> , 2016, 3, .	1.9	18
18	Increasing thermal drying temperature of biosolids reduced nitrogen mineralisation and soil N <sub>2</sub> O emissions. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14383-14392.	2.7	5

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19	Pig slurry acidification and separation techniques affect soil N and C turnover and N <sub>2</sub> O emissions from solid, liquid and biochar fractions. <i>Journal of Environmental Management</i> , 2016, 168, 236-244.	3.8	22
20	In situ net N mineralisation and nitrification under organic and conventionally managed olive oil orchards. <i>Nutrient Cycling in Agroecosystems</i> , 2015, 101, 223-239.	1.1	12
21	Nutrient dynamics during decomposition of the residues from a sown legume or ruderal plant cover in an olive oil orchard. <i>Agriculture, Ecosystems and Environment</i> , 2014, 184, 115-123.	2.5	40
22	Agrochemical characterization, net N mineralization, and potential N leaching of composted olive mill pomace currently produced in southern Spain. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 655-664.	1.1	11
23	Soil mineral N retention and N <sub>2</sub> O emissions following combined application of <sup>15</sup> N-labelled fertiliser and weed residues. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2379-2385.	0.7	16
24	Improved soil quality after 16 years of olive mill pomace application in olive oil groves. <i>Agronomy for Sustainable Development</i> , 2012, 32, 803-810.	2.2	55
25	Carbon mineralization and distribution of nutrients within different particle-size fractions of commercially produced olive mill pomace. <i>Bioresource Technology</i> , 2011, 102, 9997-10005.	4.8	10
26	Gross and net rates of nitrogen mineralisation in soil amended with composted olive mill pomace. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1472-1478.	0.7	12