Gilberto O Mendes

List of Publications by Year
in descending order

22	699	686830 13	713013 21
papers	citations	h-index	g-index

22	22	22	631
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rock phosphate solubilization by abiotic and fungalâ€produced oxalic acid: reaction parameters and bioleaching potential. Microbial Biotechnology, 2022, 15, 1189-1202.	2.0	10
2	Potassium extraction from the silicate rock Verdete using organic acids. Scientia Agricola, 2022, 79, .	0.6	2
3	Aspergillus niger as a Biological Input for Improving Vegetable Seedling Production. Microorganisms, 2022, 10, 674.	1.6	13
4	Aspergillus niger as a key to unlock fixed phosphorus in highly weathered soils. Soil Biology and Biochemistry, 2021, 156, 108190.	4.2	13
5	Fungal endophytes inoculation improves soil nutrient availability, arbuscular mycorrhizal colonization and common bean growth. Rhizosphere, 2021, 18, 100330.	1.4	15
6	Chemical and Physical Mechanisms of Fungal Bioweathering of Rock Phosphate. Geomicrobiology Journal, 2021, 38, 384-394.	1.0	12
7	Enhanced growth in nursery of coffee seedlings inoculated with the rhizosphere fungus Aspergillus niger for field transplantation. Rhizosphere, 2020, 15, 100236.	1.4	19
8	Oxalic acid is more efficient than sulfuric acid for rock phosphate solubilization. Minerals Engineering, 2020, 155, 106458.	1.8	59
9	Solid-State Fermentation and Plant-Beneficial Microorganisms. , 2018, , 435-450.		12
10	Fermentation liquid containing microbially solubilized P significantly improved plant growth and P uptake in both soil and soilless experiments. Applied Soil Ecology, 2017, 117-118, 208-211.	2.1	37
11	Carbon Fluxes from Different Pools in a Mined Area under Reclamation in Minas Gerais State, Brazil. Land Degradation and Development, 2017, 28, 507-514.	1.8	9
12	Effect of Mineral Nitrogen on Transfer of 13C-Carbon from Eucalyptus Harvest Residue Components to Soil Organic Matter Fractions. Revista Brasileira De Ciencia Do Solo, 2017, 41, .	0.5	3
13	Optimization of <scp>A</scp>spergillus niger rock phosphate solubilization in solidâ€state fermentation and use of the resulting product as a <scp>P</scp> fertilizer. Microbial Biotechnology, 2015, 8, 930-939.	2.0	48
14	Decreased mineral availability enhances rock phosphate solubilization efficiency in Aspergillus niger. Annals of Microbiology, 2015, 65, 745-751.	1.1	12
15	Fluoride-Tolerant Mutants of Aspergillus niger Show Enhanced Phosphate Solubilization Capacity. PLoS ONE, 2014, 9, e110246.	1.1	14
16	Biotechnological Tools for Enhancing Microbial Solubilization of Insoluble Inorganic Phosphates. Geomicrobiology Journal, 2014, 31, 751-763.	1.0	35
17	Mechanisms of phosphate solubilization by fungal isolates when exposed to different P sources. Annals of Microbiology, 2014, 64, 239-249.	1.1	136
18	Biochar Enhances Aspergillus niger Rock Phosphate Solubilization by Increasing Organic Acid Production and Alleviating Fluoride Toxicity. Applied and Environmental Microbiology, 2014, 80, 3081-3085.	1.4	45

#	Article	IF	Citations
19	Biochar of animal origin: a sustainable solution to the global problem of highâ€grade rock phosphate scarcity?. Journal of the Science of Food and Agriculture, 2013, 93, 1799-1804.	1.7	79
20	Fungal rock phosphate solubilization using sugarcane bagasse. World Journal of Microbiology and Biotechnology, 2013, 29, 43-50.	1.7	47
21	Inhibition of Aspergillus niger Phosphate Solubilization by Fluoride Released from Rock Phosphate. Applied and Environmental Microbiology, 2013, 79, 4906-4913.	1.4	49
22	Solubilization of animal bonechar by a filamentous fungus employed in solid state fermentation. Ecological Engineering, 2013, 58, 165-169.	1.6	30