

Edson Márcio Mattiello

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

354
citations

933447

10
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839539

18
g-index

26
all docs

26
docs citations

26
times ranked

498
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc deficiency affects physiological and anatomical characteristics in maize leaves. <i>Journal of Plant Physiology</i> , 2015, 183, 138-143.	3.5	79
2	Production and evaluation of potassium fertilizers from silicate rock. <i>Journal of Plant Nutrition and Soil Science</i> , 2016, 179, 547-556.	1.9	38
3	Thermal and chemical solubilization of verdete for use as potassium fertilizer. <i>International Journal of Mineral Processing</i> , 2015, 140, 72-78.	2.6	33
4	Transporte de boro no solo e sua absorÃ§Ã£o por eucalipto. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009, 33, 1281-1290.	1.3	24
5	Sulfur and Zinc Availability from Co-granulated Zn-Enriched Elemental Sulfur Fertilizers. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1108-1115.	5.2	23
6	Thermal treatment of a potassium-rich metamorphic rock in formation of soluble K forms. <i>International Journal of Mineral Processing</i> , 2017, 159, 16-21.	2.6	21
7	Characterization of verdete rock as a potential source of potassium. <i>Revista Ceres</i> , 2015, 62, 392-400.	0.4	15
8	Solubilization of a K-silicate rock by <i>Acidithiobacillus thiooxidans</i> . <i>Minerals Engineering</i> , 2019, 132, 69-75.	4.3	13
9	ProduÃ§Ã£o de matÃ©ria seca, crescimento radicular e absorÃ§Ã£o de cÃ¡lcio, fÃ³sforo e alumÃ­nio por <i>coffea canephora</i> e <i>coffea arabica</i> sob influÃªncia da atividade do alumÃ­nio em soluÃ§Ã£o. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 425-434.	1.3	12
10	Synthesis, characterization and agronomic use of alginate microspheres containing layered double hydroxides intercalated with borate. <i>New Journal of Chemistry</i> , 2020, 44, 10066-10075.	2.8	11
11	Phloem mobility of Boron in two eucalypt clones. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009, 33, 1695-1704.	1.3	10
12	Increasing Soluble Phosphate Species by Treatment of Phosphate Rocks with Acidic Waste. <i>Journal of Environmental Quality</i> , 2016, 45, 1988-1997.	2.0	10
13	Yield and Nutrient Demand and Efficiency of Eucalyptus under Coppicing Regime. <i>Forests</i> , 2020, 11, 852.	2.1	8
14	CaracterÃsticas fisiolÃgicas e crescimento de clones de eucalipto em resposta ao boro. <i>Revista Arvore</i> , 2009, 33, 821-830.	0.5	7
15	Acid Ammonium Citrate as P Extractor for Fertilizers of Varying Solubility. <i>Revista Brasileira De Ciencia Do Solo</i> , 0, 43, .	1.3	7
16	Alginate beads containing layered double hydroxide intercalated with borate: a potential slow-release boron fertilizer for application in sandy soils. <i>New Journal of Chemistry</i> , 2020, 44, 16965-16976.	2.8	7
17	Efficiency of soil-applied 67Zn-enriched fertiliser across three consecutive crops. <i>Pedosphere</i> , 2021, 31, 531-537.	4.0	7
18	LOSS OF EXTRACTION CAPACITY OF MEHLICH-1 AND MONOCALCIUM PHOSPHATE AS A VARIABLE OF REMAINING P AND ITS RELATIONSHIP TO CRITICAL LEVELS OF SOIL PHOSPHORUS AND SULFUR. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 1079-1087.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Organic acid coated-slow-release phosphorus fertilizers improve P availability and maize growth in a tropical soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2016, , 0-0.	3.4	6
20	Soluble phosphate fertilizer production using acid effluent from metallurgical industry. <i>Journal of Environmental Management</i> , 2016, 166, 140-146.	7.8	6
21	Influence of the N/K ratio on the production and quality of cucumber in hydroponic system. <i>Revista Ceres</i> , 2011, 58, 619-624.	0.4	5
22	Layered double hydroxides intercalated with borate: effect of fertilization on boron leaching and successive sunflower cultivations. <i>New Journal of Chemistry</i> , 2020, 44, 10042-10049.	2.8	3
23	Uso da tÃ©cnica HRICP-MS na avaliaÃ§Ã£o dos isÃ³topos de boro em eucalipto. <i>Quimica Nova</i> , 2011, 34, 512-515.	0.3	1
24	Eucalypt Growth Submitted to Management of <i>Urochloa</i> spp.. <i>Planta Daninha</i> , 2016, 34, 99-107.	0.5	1
25	Nitric Acid as a Cold Extractor of Total Nutrient Contents from Mineral Fertilizers. <i>Communications in Soil Science and Plant Analysis</i> , 2021, 52, 2578-2587.	1.4	0
26	Volatilization of Ammonia Originating from Urea Treated with Oxidized Charcoal. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	0