

Paulo S Pavinato

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.

73
papers

1,205
citations

18
h-index

31
g-index

85
ext. papers

1,620
ext. citations

3.3
avg, IF

4.72
L-index

#	Paper	IF	Citations
73	Phosphorus solubility and dynamics in a tropical soil under sources derived from wastewater and sewage sludge. <i>Journal of Environmental Management</i> , 2022 , 302, 113984	7.9	1
72	Phosphatization under birdsTactivity: Ornithogenesis at different scales on Antarctic Soilscapes. <i>Geoderma</i> , 2021 , 391, 114950	6.7	8
71	Long term sugarcane straw removal affects soil phosphorus dynamics. <i>Soil and Tillage Research</i> , 2021 , 208, 104898	6.5	3
70	Tillage systems and cover crops affecting soil phosphorus bioavailability in Brazilian Cerrado Oxisols. <i>Soil and Tillage Research</i> , 2021 , 205, 104770	6.5	7
69	Map of total phosphorus content in native soils of Brazil. <i>Scientia Agricola</i> , 2021 , 78,	2.5	2
68	Cover crop species and mycorrhizal colonization on soil phosphorus dynamics. <i>Rhizosphere</i> , 2021 , 19, 100396	3.5	2
67	Sugarcane response to polyhalite fertilizer in Brazilian Oxisols. <i>Agronomy Journal</i> , 2020 , 112, 5264-5278	2.2	2
66	Soil nitrogen dynamics under tobacco with different fertilizer management in southern Brazil. <i>Geoderma Regional</i> , 2020 , 21, e00282	2.7	3
65	Dynamic of P Flux in Tropical Acid Soils Fertilized with Humic AcidâComplexed Phosphate. <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 1937-1948	3.2	5
64	Cover Cropping May Alter Legacy Phosphorus Dynamics Under Long-Term Fertilizer Addition. <i>Frontiers in Environmental Science</i> , 2020 , 8,	4.8	11
63	Solubility and Efficiency of Rock Phosphate Fertilizers Partially Acidulated with Zeolite and Pillared Clay as Additives. <i>Agronomy</i> , 2020 , 10, 918	3.6	0
62	Inoculation With Growth-Promoting Bacteria Associated With the Reduction of Phosphate Fertilization in Sugarcane. <i>Frontiers in Environmental Science</i> , 2020 , 8,	4.8	29
61	Phosphorus acquisition by wheat from organic and inorganic sources labelled with ^{32}P and ^{33}P radioisotopes. <i>Scientia Agricola</i> , 2020 , 77,	2.5	1
60	Changes in soil phosphorus pool induced by pastureland intensification and diversification in Brazil. <i>Science of the Total Environment</i> , 2020 , 703, 135463	10.2	10
59	Revealing soil legacy phosphorus to promote sustainable agriculture in Brazil. <i>Scientific Reports</i> , 2020 , 10, 15615	4.9	16
58	Synthesis and characterization of struvite derived from poultry manure as a mineral fertilizer. <i>Journal of Environmental Management</i> , 2020 , 272, 111072	7.9	9
57	Soil phosphorus fate and its lability after a long-term phosphorus fertilizer strategy in Brazilian Oxisol. <i>Archives of Agronomy and Soil Science</i> , 2020 , 1-14	2	2

56	Distribution of Soil Phosphorus Fractions as a Function of Long-Term Soil Tillage and Phosphate Fertilization Management. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	12
55	Phosphate Sources and Filter Cake Amendment Affecting Sugarcane Yield and Soil Phosphorus Fractions. <i>Revista Brasileira De Ciencia Do Solo</i> , 2019 , 43,	1.5	7
54	Soil phosphorus fractions and legacy in a corn-soybean rotation on Mollisols in Kansas, USA. <i>Geoderma Regional</i> , 2019 , 18, e00228	2.7	8
53	Phosphorus source driving the soil microbial interactions and improving sugarcane development. <i>Scientific Reports</i> , 2019 , 9, 4400	4.9	17
52	Impacts of timber harvest intensity and P fertilizer application on soil P fractions. <i>Forest Ecology and Management</i> , 2019 , 437, 295-303	3.9	12
51	Sugarcane Straw Removal: Implications to Soil Fertility and Fertilizer Demand in Brazil. <i>Bioenergy Research</i> , 2019 , 12, 888-900	3.1	25
50	Forest conversion to pasture affects soil phosphorus dynamics and nutritional status in Brazilian Amazon. <i>Soil and Tillage Research</i> , 2019 , 194, 104330	6.5	15
49	Improving phosphorus sustainability of sugarcane production in Brazil. <i>GCB Bioenergy</i> , 2019 , 11, 1444-1456	17	
48	Organomineral phosphate fertilizer from sugarcane byproduct and its effects on soil phosphorus availability and sugarcane yield. <i>Geoderma</i> , 2019 , 339, 20-30	6.7	21
47	Mycorrhizas improve the absorption of non-available phosphorus by the green manure Tithonia diversifolia in poor soils. <i>Rhizosphere</i> , 2019 , 9, 27-33	3.5	4
46	The impact of sugarcane filter cake on the availability of P in the rhizosphere and associated microbial community structure. <i>Soil Use and Management</i> , 2019 , 35, 334-345	3.1	8
45	Solubility, Diffusion and Crop Uptake of Phosphorus in Three Different Struvites. <i>Sustainability</i> , 2019 , 11, 134	3.6	15
44	Phosphorus pool responses under different P inorganic fertilizers for a eucalyptus plantation in a loamy Oxisol. <i>Forest Ecology and Management</i> , 2019 , 435, 170-179	3.9	9
43	Long-term effects of alum-treated litter, untreated litter and NHNO application on phosphorus speciation, distribution and reactivity in soils using K-edge XANES and chemical fractionation. <i>Journal of Environmental Management</i> , 2018 , 213, 206-216	7.9	15
42	Phosphorus recovery: a need for an integrated approach. <i>Ecosystem Health and Sustainability</i> , 2018 , 4, 48-57	3.7	34
41	Changes in soil phosphorus lability promoted by phosphate sources and cover crops. <i>Soil and Tillage Research</i> , 2018 , 179, 20-28	6.5	38
40	Transitions to sustainable management of phosphorus in Brazilian agriculture. <i>Scientific Reports</i> , 2018 , 8, 2537	4.9	113
39	Phosphate Sources and Their Placement Affecting Soil Phosphorus Pools in Sugarcane. <i>Agronomy</i> , 2018 , 8, 283	3.6	7

38	Do cover crops change the lability of phosphorus in a clayey subtropical soil under different phosphate fertilizers?. <i>Soil Use and Management</i> , 2017, 33, 34-44	3.1	22
37	Additives incorporated into urea to reduce nitrogen losses after application to the soil. <i>Pesquisa Agropecuaria Brasileira</i> , 2017, 52, 194-204	1.8	7
36	Sorghum and black oat forage production and its nutritive value under phosphate levels. <i>Semina: Ciencias Agrarias</i> , 2017, 38, 429	0.6	2
35	Effects of Cover Crops and Phosphorus Sources on Maize Yield, Phosphorus Uptake, and Phosphorus Use Efficiency. <i>Agronomy Journal</i> , 2017, 109, 1039-1047	2.2	21
34	Phosphorus pools responses to land-use change for sugarcane expansion in weathered Brazilian soils. <i>Geoderma</i> , 2016, 265, 27-38	6.7	54
33	Legacy phosphorus and no tillage agriculture in tropical oxisols of the Brazilian savanna. <i>Science of the Total Environment</i> , 2016, 542, 1050-61	10.2	106
32	Biological and morphological traits of sugarcane roots in relation to phosphorus uptake. <i>Journal of Soil Science and Plant Nutrition</i> , 2016, 0-0	3.2	1
31	Crop Yields and Soil Phosphorus Lability under Soluble and Humic-Complexed Phosphate Fertilizers. <i>Agronomy Journal</i> , 2016, 108, 1692-1702	2.2	13
30	Phosphorus Fractionation in Soil Cultivated with Sugarcane Fertilized by Filter Cake and Phosphate Sources. <i>Communications in Soil Science and Plant Analysis</i> , 2015, 46, 2449-2459	1.5	6
29	ESTIMATIVAS DA NECESSIDADE DE NITROGÊNIO PARA PRODUÇÃO DE GRÃOS E SILAGEM DE MILHO. <i>Revista Caatinga</i> , 2015, 28, 12-24	0.6	3
28	Nitrogen Efficiency and Nutrient Absorption by a Sorghum-Oats Forage Succession. <i>Advances in Agriculture</i> , 2015, 2015, 1-12	1.1	5
27	Soil carbon, nitrogen and phosphorus changes under sugarcane expansion in Brazil. <i>Science of the Total Environment</i> , 2015, 515-516, 30-8	10.2	51
26	Qualidade da silagem de aveia preta sob efeito de esteróis fenólicos, tamanhos de partícula e prêmurchamento. <i>Revista Brasileira De Saude E Producao Animal</i> , 2015, 16, 486-498	0.8	4
25	EL TRATAMIENTO DE SEMILLAS DE MAÍZ CON MICRONUTRIENTES AUMENTA EL RENDIMIENTO DE GRANO. <i>Revista Caatinga</i> , 2015, 28, 86-92	0.6	1
24	Utilização de cromo e boro na produção de grãos e silagem de girassol. <i>Semina: Ciencias Agrarias</i> , 2014, 35, 2699	0.6	3
23	Silagem de aveia branca em função da adubação nitrogenada e prêmurchamento. <i>Semina: Ciencias Agrarias</i> , 2014, 35, 2185	0.6	6
22	Production and nutritional value of sorghum and black oat forages under nitrogen fertilization. <i>Grass and Forage Science</i> , 2014, 69, 693-704	2.3	11
21	Production and nutritive value of ryegrass (cv. Barjumbo) under nitrogen fertilization. <i>Revista Ciencia Agronomica</i> , 2014, 45, 230-237	1	4

20	Produção, valor nutricional e eficiência de recuperação do nitrogênio de silagens de milho sob diferentes doses de adubação nitrogenada. <i>Semina: Ciencias Agrarias</i> , 2013, 34,	0.6	3
19	Spatial distribution of sunflower cultivars and the relationship between growth features. <i>Revista Ciencia Agronomica</i> , 2012, 43, 338-345	1	5
18	Produtividade da soja no cerrado influenciada pelas fontes de enxofre. <i>Revista Ciencia Agronomica</i> , 2011, 42, 791-796	1	13
17	Tillage and phosphorus management effects on enzyme-labile bioactive phosphorus availability in Cerrado Oxisols. <i>Geoderma</i> , 2010, 156, 207-215	6.7	26
16	Boro em arroz de terras altas cultivado em solução nutritiva. <i>Bragantia</i> , 2009, 68, 743-751	1.2	5
15	Phosphorus fractions in Brazilian Cerrado soils as affected by tillage. <i>Soil and Tillage Research</i> , 2009, 105, 149-155	6.5	64
14	Disponibilidade de cátions no solo alterada pelo sistema de manejo. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009, 33, 1031-1040	1.5	6
13	Organic compounds from plant extracts and their effect on soil phosphorus availability. <i>Pesquisa Agropecuaria Brasileira</i> , 2008, 43, 1379-1388	1.8	24
12	Disponibilidade de nutrientes no solo: decomposição e liberação de compostos orgânicos de resíduos vegetais. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 911-920	1.5	94
11	Nitrogênio e potássio em milho irrigado: análise técnica e econômica da fertilização. <i>Ciencia Rural</i> , 2008, 38, 358-364	1.3	20
10	Produtividade de grãos de milho, produção de matéria seca e acúmulo de nitrogênio, fósforo e potássio na rotação aveia preta/milho/nabo forrageiro com aplicação de dejetos líquidos de suínos. <i>Ciencia Rural</i> , 2005, 35, 1287-1295	1.3	26
9	Micronutrientes na soja: produtividade e análise econômica. <i>Ciencia Rural</i> , 2005, 35, 576-581	1.3	8
8	Perdas de nitrogênio de dejetos líquidos de suínos por volatilização de amônia. <i>Ciencia Rural</i> , 2004, 34, 1773-1778	1.3	17
7	Fósforo e potássio na sucessão trigo/milho: aplicações e formas de aplicação. <i>Ciencia Rural</i> , 2004, 34, 1779-1784	1.3	8
6	Manejo da adubação nitrogenada na sucessão aveia-preta/milho no sistema plantio direto. <i>Pesquisa Agropecuaria Brasileira</i> , 2003, 38, 125-131	1.8	10
5	Manejo da adubação nitrogenada na sucessão aveia preta/milho, no sistema plantio direto. <i>Revista Brasileira De Ciencia Do Solo</i> , 2002, 26, 163-171	1.5	29
4	Produção de forragem em pastagem natural com o uso de esterco líquido de suínos. <i>Revista Brasileira De Ciencia Do Solo</i> , 2002, 26, 983-992	1.5	17
3	Nitrogen fertilizer split-application for corn in no-till succession to black oats. <i>Scientia Agricola</i> , 2002, 59, 549-554	2.5	12

- 2 Sugarcane Byproduct Influence on Mineral Fertilizer Solubility and Phosphorus Dynamics in the
Soil. *Journal of Soil Science and Plant Nutrition*,¹ 3.2 O
- 1 Phosphorus Quantification in Sugar Cane (*Saccharum officinarum*) Leaves In Vivo by Portable X-ray
Fluorescence Spectroscopy. *ACS Agricultural Science and Technology*,²