

Gustavo Brunetto

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.

140
papers

2,231
citations

27
h-index

38
g-index

146
ext. papers

2,811
ext. citations

3.1
avg. IF

4.81
L-index

#	Paper	IF	Citations
140	Aggregation Index and Carbon and Nitrogen Contents in Aggregates of Pasture Soils under Successive Applications of Pig Slurry in Southern Brazil. <i>Agronomy</i> , 2022 , 12, 320	3.6	0
139	Long-Term Effects of Animal Manures on Nutrient Recovery and Soil Quality in Acid Typic Hapludalf under No-Till Conditions. <i>Agronomy</i> , 2022 , 12, 243	3.6	3
138	Plant species and pH dependent responses to copper toxicity. <i>Environmental and Experimental Botany</i> , 2022 , 196, 104791	5.9	3
137	Physiological responses of beet and cabbage plants exposed to copper and their potential insertion in human food chain.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
136	Identification and phytoremediation potential of spontaneous species in vineyard soils contaminated with copper.. <i>International Journal of Phytoremediation</i> , 2022 , 24, 342-349	3.9	1
135	Throwing Copper Around: How Plants Control Uptake, Distribution, and Accumulation of Copper. <i>Agronomy</i> , 2022 , 12, 994	3.6	1
134	The fate of pig slurry phosphorus applied to a sandy loam soil under no-till cropping in southern Brazil. <i>Geoderma</i> , 2022 , 422, 115931	6.7	
133	Root system structure as a criterion for the selection of grapevine genotypes that are tolerant to excess copper and the ability of phosphorus to mitigate toxicity.. <i>Plant Physiology and Biochemistry</i> , 2021 , 171, 147-156	5.4	1
132	Tolerance and phytoremediation potential of grass species native to South American grasslands to copper-contaminated soils. <i>International Journal of Phytoremediation</i> , 2021 , 23, 726-735	3.9	2
131	Short- and long-term effects of animal manures and mineral fertilizer on carbon stocks in subtropical soil under no-tillage. <i>Geoderma</i> , 2021 , 386, 114913	6.7	7
130	Forms of nitrogen and phosphorus transfer by runoff in soil under no-tillage with successive organic waste and mineral fertilizers applications. <i>Agricultural Water Management</i> , 2021 , 248, 106779	5.9	6
129	Contribution of Cover Crop Residue Decomposition to Peach Tree Nitrogen Nutrition. <i>Journal of Soil Science and Plant Nutrition</i> , 2021 , 21, 2124-2136	3.2	2
128	Annual and residual urea nitrogen contribution to the nutrition of peach trees (<i>Prunus persica</i> L.) grown under subtropical climate. <i>Scientia Horticulturae</i> , 2021 , 284, 110099	4.1	1
127	Soil chemical properties and yield of onion crops grown for eight years under no-tillage system with cover crops. <i>Soil and Tillage Research</i> , 2021 , 208, 104897	6.5	0
126	Plant uptake of legacy phosphorus from soils without P fertilization. <i>Nutrient Cycling in Agroecosystems</i> , 2021 , 119, 139-151	3.3	5
125	Phosphorus accumulation in a southern Brazilian Ultisol amended with pig manure for nine years. <i>Scientia Agricola</i> , 2021 , 78,	2.5	2
124	A Smart and Sustainable Future for Viticulture Is Rooted in Soil: How to Face Cu Toxicity. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 907	2.6	9

123	Kinetic parameters related to nitrogen uptake efficiency of pear trees (<i>Pyrus communis</i>). <i>Scientia Horticulturae</i> , 2020 , 272, 109530	4.1	0
122	Impact of Cu concentrations in nutrient solution on growth and physiological and biochemical parameters of beet and cabbage and human health risk assessment. <i>Scientia Horticulturae</i> , 2020 , 272, 109558	4.1	3
121	Lime Protection for Young Vines Exposed to Copper Toxicity. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	4
120	Nitrogen Availability and Physiological Response of Corn After 12 Years with Organic and Mineral Fertilization. <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 979-989	3.2	8
119	Diagnosis and management of nutrient constraints in grape 2020 , 693-710		1
118	Spatial variation of herbaceous cover species community in Cu-contaminated vineyards in Pampa biome. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 13348-13359	5.1	4
117	Copper and Zn distribution in humic substances of soil after 10 years of pig manure application in south of Santa Catarina, Brazil. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 3281-3301	4.7	5
116	Residual and immediate effect after 16 applications of organic sources on yield and nitrogen use efficiency in black oat and corn. <i>Revista Brasileira De Ciencia Do Solo</i> , 2020 , 44,	1.5	5
115	PHOSPHORUS AND HEAVY METAL CONTENTS IN SMALL-SCALE COMPOSTING AREAS. <i>International Journal of Research -GRANTHAALAYAH</i> , 2020 , 8, 1-14	0.2	
114	Iron fertilization to enhance tolerance mechanisms to copper toxicity of ryegrass plants used as cover crop in vineyards. <i>Chemosphere</i> , 2020 , 243, 125298	8.4	17
113	Phosphorus forms leached in a sandy Typic Hapludalf soil under no-tillage with successive pig slurry applications. <i>Agricultural Water Management</i> , 2020 , 242, 106406	5.9	7
112	Aggregation index, carbon, nitrogen, and natural abundance of ¹³ C and ¹⁵ N in soil aggregates and bulk soil cultivated with onion under crop successions and rotations. <i>Soil Research</i> , 2020 , 58, 622	1.8	1
111	Copper and zinc distribution and toxicity in "Jade" "Genovesa" young peach tree. <i>Scientia Horticulturae</i> , 2020 , 259, 108763	4.1	7
110	Use of phosphorus fertilization and mycorrhization as strategies for reducing copper toxicity in young grapevines. <i>Scientia Horticulturae</i> , 2019 , 248, 176-183	4.1	19
109	Nitrous Oxide Emissions in No-Tillage Onion (<i>Allium cepa</i> L.) Crops Are Increased by Oilseed Radish Cover Crop and Poultry Manure Application. <i>Revista Brasileira De Ciencia Do Solo</i> , 2019 , 43,	1.5	1
108	Potential of vermicompost and limestone in reducing copper toxicity in young grapevines grown in Cu-contaminated vineyard soil. <i>Chemosphere</i> , 2019 , 226, 421-430	8.4	13
107	Copper and Zinc in Rhizosphere Soil and Toxicity Potential in White Oats (<i>Avena sativa</i>) Grown in Soil with Long-Term Pig Manure Application. <i>Water, Air, and Soil Pollution</i> , 2019 , 230, 1	2.6	5
106	Nitrogen fertilization affects yield and fruit quality in pear. <i>Scientia Horticulturae</i> , 2019 , 258, 108782	4.1	15

105	Physiological responses of soybean (<i>Glycine max</i> (L.) Merrill) cultivars to copper excess. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019 , 91, e20190121	1.4	1
104	ANIMAL MANURE AS FERTILIZER: CHANGES IN SOIL ATTRIBUTES, PRODUCTIVITY AND FOOD COMPOSITION. <i>International Journal of Research -GRANTHAALAYAH</i> , 2019 , 7, 307-331	0.2	6
103	Samples disturbance overestimates phosphorus adsorption capacity in soils under long-term application of pig slurry. <i>Archives of Agronomy and Soil Science</i> , 2019 , 65, 1262-1272	2	2
102	Intercropping of young grapevines with native grasses for phytoremediation of Cu-contaminated soils. <i>Chemosphere</i> , 2019 , 216, 147-156	8.4	33
101	Soil amendment as a strategy for the growth of young vines when replanting vineyards in soils with high copper content. <i>Plant Physiology and Biochemistry</i> , 2018 , 126, 152-162	5.4	10
100	Long-term effect of surface and incorporated liming in the conversion of natural grassland to no-till system for grain production in a highly acidic sandy-loam Ultisol from South Brazilian Campos. <i>Soil and Tillage Research</i> , 2018 , 180, 222-231	6.5	22
99	Structural changes in roots of peach rootstock cultivars grown in soil with high zinc content. <i>Scientia Horticulturae</i> , 2018 , 237, 1-10	4.1	6
98	The interaction of high copper and zinc doses in acid soil changes the physiological state and development of the root system in young grapevines (<i>Vitis vinifera</i>). <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 985-994	7	19
97	Should Heavy Metals Be Monitored in Foods Derived From Soils Fertilized With Animal Waste?. <i>Frontiers in Plant Science</i> , 2018 , 9, 732	6.2	7
96	Copper and zinc accumulation, fractionation and migration in vineyard soils from Santa Catarina State, Brazil. <i>Bragantia</i> , 2018 , 77, 141-151	1.2	5
95	Growth and chemical changes in the rhizosphere of black oat (<i>Avena strigosa</i>) grown in soils contaminated with copper. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 163, 19-27	7	12
94	Nitrogen Nutrition of Fruit Trees to Reconcile Productivity and Environmental Concerns. <i>Plants</i> , 2018 , 7,	4.5	50
93	High copper content in vineyard soils promotes modifications in photosynthetic parameters and morphological changes in the root system of 'Red Niagara' plantlets. <i>Plant Physiology and Biochemistry</i> , 2018 , 128, 89-98	5.4	30
92	Carbon and nitrogen contents and aggregation index of soil cultivated with onion for seven years using crop successions and rotations. <i>Soil and Tillage Research</i> , 2018 , 184, 195-202	6.5	10
91	Rhizophagus Clarus and Phosphorus in <i>Crotalaria juncea</i> : Growth, Glomalin Content and Acid Phosphatase Activity in a Copper-Contaminated Soil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018 , 42,	1.5	3
90	Soil-applied phosphorous is an effective tool to mitigate the toxicity of copper excess on grapevine grown in rhizobox. <i>Scientia Horticulturae</i> , 2018 , 227, 102-111	4.1	25
89	Effects of Rhizophagus clarus and P availability in the tolerance and physiological response of <i>Mucuna cinereum</i> to copper. <i>Plant Physiology and Biochemistry</i> , 2018 , 122, 46-56	5.4	8
88	Residual effect of surface-applied lime on soil acidity properties in a long-term experiment under no-till in a Southern Brazilian sandy Ultisol. <i>Geoderma</i> , 2018 , 313, 7-16	6.7	34

87	Liming as a means of reducing copper toxicity in black oats. <i>Ciencia Rural</i> , 2018 , 48,	1.3	6
86	Organic carbon and nitrogen contents and their fractions in soils with onion crops in different management systems. <i>Soil Research</i> , 2018 , 56, 846	1.8	5
85	Nitrogen availability in an apple orchard with weed management. <i>Ciencia Rural</i> , 2018 , 48,	1.3	2
84	Growth, biochemical response and nutritional status of Angico-Vermelho (<i>Parapiptadenia rigida</i> (Bentham) Brenan) under the application of soil amendment in Cu-contaminated soil. <i>International Journal of Phytoremediation</i> , 2018 , 20, 1380-1388	3.9	2
83	Copper and zinc fractions in the profile of an Inceptisol cultivated with apple in southern Brazil. <i>Bragantia</i> , 2018 , 77, 333-347	1.2	2
82	Physiological, Biochemical Changes, and Phytotoxicity Remediation in Agricultural Plant Species Cultivated in Soils Contaminated with Copper and Zinc 2018 , 29-76		1
81	Carbon, nitrogen and natural abundance of ¹³ C and ¹⁵ N in biogenic and physiocogenic aggregates in a soil with 10 years of pig manure application. <i>Soil and Tillage Research</i> , 2017 , 166, 52-58	6.5	25
80	Liming as an ameliorator of copper toxicity in black oat (<i>Avena strigosa</i> Schreb.). <i>Journal of Plant Nutrition</i> , 2017 , 40, 404-416	2.3	20
79	Tolerance and translocation of heavy metals in young grapevine (<i>Vitis vinifera</i>) grown in sandy acidic soil with interaction of high doses of copper and zinc. <i>Scientia Horticulturae</i> , 2017 , 222, 203-212	4.1	46
78	Phosphorus fractions in apple orchards in southern Brazil. <i>Bragantia</i> , 2017 , 76, 422-432	1.2	3
77	Chemical, Biological, and Biochemical Parameters of the Soil P Cycle After Long-Term Pig Slurry Application in No-Tillage System. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017 , 41,	1.5	7
76	Phosphorus fractions in soil with a long history of organic waste and mineral fertilizer addition. <i>Bragantia</i> , 2017 , 76, 155-166	1.2	16
75	Chemical Properties in Macroaggregates of a Humic Dystrudept Cultivated with Onion under No-Till and Conventional Tillage Systems. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017 , 41,	1.5	2
74	Release of Phosphorus Forms from Cover Crop Residues in Agroecological No-Till Onion Production. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017 , 41,	1.5	2
73	Nitrogen Transfer from Cover Crop Residues to Onion Grown under Minimum Tillage in Southern Brazil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017 , 41,	1.5	2
72	Nitrogen fertilization in the growth phase of 'Chardonnay' and 'Pinot Noir' vines and nitrogen forms in sandy soil of the Pampa Biome. <i>Revista Ceres</i> , 2017 , 64, 433-440	0.7	3
71	Copper Accumulation and Availability in Sandy, Acid, Vineyard Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2017 , 48, 1167-1183	1.5	13
70	âBUJIâAPPLE TREE RESPONSE TO PHOSPHORUS FERTILIZATION. <i>Revista Brasileira De Fruticultura</i> , 2017 , 39,	1.2	4

69	HEAVY METALS IN VINEYARDS AND ORCHARD SOILS. <i>Revista Brasileira De Fruticultura</i> , 2017 , 39,	1.2	14
68	The potential of Zea mays L. in remediating copper and zinc contaminated soils for grapevine production. <i>Geoderma</i> , 2016 , 262, 52-61	6.7	42
67	Copper accumulation in vineyard soils: Rhizosphere processes and agronomic practices to limit its toxicity. <i>Chemosphere</i> , 2016 , 162, 293-307	8.4	90
66	Physiological Changes in Maize Grown in Soil with Copper and Zinc Accumulation Resulting from the Addition of Pig Slurry and Deep Litter over 10 Years. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	7
65	Black Oat (<i>Avena strigosa</i> Schreb.) Growth and Root Anatomical Changes in Sandy Soil with Different Copper and Phosphorus Concentrations. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	19
64	Effects of zinc addition to a copper-contaminated vineyard soil on sorption of Zn by soil and plant physiological responses. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 129, 109-19	7	22
63	Biochemical changes in black oat (<i>avena strigosa</i> schreb) cultivated in vineyard soils contaminated with copper. <i>Plant Physiology and Biochemistry</i> , 2016 , 103, 199-207	5.4	19
62	Soil solution concentrations and chemical species of copper and zinc in a soil with a history of pig slurry application and plant cultivation. <i>Agriculture, Ecosystems and Environment</i> , 2016 , 216, 374-386	5.7	31
61	Accumulation and distribution of copper and zinc in soils following the application of pig slurry for three to thirty years in a microwatershed of southern Brazil. <i>Archives of Agronomy and Soil Science</i> , 2016 , 62, 593-616	2	15
60	Contribution of nitrogen from urea applied at different rates and times on grapevine nutrition. <i>Scientia Horticulturae</i> , 2016 , 207, 1-6	4.1	17
59	Physiological and nutritional status of black oat (<i>Avena strigosa</i> Schreb.) grown in soil with interaction of high doses of copper and zinc. <i>Plant Physiology and Biochemistry</i> , 2016 , 106, 253-63	5.4	26
58	Rhizophagus clarus and phosphate alter the physiological responses of <i>Crotalaria juncea</i> cultivated in soil with a high Cu level. <i>Applied Soil Ecology</i> , 2015 , 91, 37-47	5	32
57	Accumulation of copper and zinc fractions in vineyard soil in the mid-western region of Santa Catarina, Brazil. <i>Environmental Earth Sciences</i> , 2015 , 73, 6379-6386	2.9	17
56	Interaction between arbuscular mycorrhizal fungi and vermicompost on copper phytoremediation in a sandy soil. <i>Applied Soil Ecology</i> , 2015 , 96, 172-182	5	31
55	Reduction of copper phytotoxicity by liming: A study of the root anatomy of young vines (<i>Vitis labrusca</i> L.). <i>Plant Physiology and Biochemistry</i> , 2015 , 96, 270-80	5.4	50
54	THE PEAR TREE RESPONSE TO PHOSPHORUS AND POTASSIUM FERTILIZATION. <i>Revista Brasileira De Fruticultura</i> , 2015 , 37, 507-516	1.2	13
53	THE ROLE OF MINERAL NUTRITION ON YIELDS AND FRUIT QUALITY IN GRAPEVINE, PEAR AND APPLE. <i>Revista Brasileira De Fruticultura</i> , 2015 , 37, 1089-1104	1.2	60
52	Effects of Pig Slurry Application and Crops on Phosphorus Content in Soil and the Chemical Species in Solution. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015 , 39, 774-787	1.5	13

51	Environmental vulnerability and phosphorus fractions of areas with pig slurry applied to the soil. <i>Journal of Environmental Quality</i> , 2015 , 44, 162-73	3.4	18
50	CARBONO ORGÂNICO TOTAL E AGREGADO DO SOLO EM SISTEMA DE PLANTIO DIRETO AGROECOLÓGICO E CONVENCIONAL DE CEBOLA. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015 , 39, 1212-1224	1.5	22
49	Forms of phosphorus transfer in runoff under no-tillage in a soil treated with successive swine effluents applications. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 209	3.1	11
48	Mobility of copper and zinc fractions in fungicide-amended vineyard sandy soils. <i>Archives of Agronomy and Soil Science</i> , 2014 , 60, 609-624	2	62
47	Pig slurry and nutrient accumulation and dry matter and grain yield in various crops. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014 , 38, 949-958	1.5	22
46	Available content, surface runoff and leaching of phosphorus forms in a typic hapludalf treated with organic and mineral nutrient sources. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014 , 38, 544-556	1.5	22
45	Formas de fósforo no solo sob pastagens naturais submetidas à adição de fosfatos. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014 , 38, 867-878	1.5	9
44	Crop response to organic fertilization with supplementary mineral nitrogen. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014 , 38, 912-922	1.5	8
43	Copper availability assessment of Cu-contaminated vineyard soils using black oat cultivation and chemical extractants. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 9051-63	3.1	19
42	Contribution of nitrogen from agricultural residues of rye to Niagara Rosada grape nutrition. <i>Scientia Horticulturae</i> , 2014 , 169, 66-70	4.1	21
41	Copper uptake, accumulation and physiological changes in adult grapevines in response to excess copper in soil. <i>Plant and Soil</i> , 2014 , 374, 593-610	4.2	72
40	Frações de cobre e zinco em solos de vinhedos no Meio Oeste de Santa Catarina. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2014 , 18, 805-810	0.9	6
39	Phosphorus fractions in the vineyard soil of the Serra Gaúcha of Rio Grande do Sul, Brazil. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2014 , 18, 133-140	0.9	5
38	Soil Phosphorus Fractions in a Sandy Typic Hapludaft as Affected by Phosphorus Fertilization and Grapevine Cultivation Period. <i>Communications in Soil Science and Plant Analysis</i> , 2013 , 44, 1937-1950	1.5	5
37	Nutrient transfers by leaching in a no-tillage system through soil treated with repeated pig slurry applications. <i>Nutrient Cycling in Agroecosystems</i> , 2013 , 95, 115-131	3.3	21
36	Triggered antioxidant defense mechanism in maize grown in soil with accumulation of Cu and Zn due to intensive application of pig slurry. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 93, 145-55	7	39
35	Physical properties and organic carbon content of a Typic Hapludult soil fertilised with pig slurry and pig litter in a no-tillage system. <i>Soil Research</i> , 2013 , 51, 459	1.8	20
34	Microbiological and chemical attributes of a Hapludalf soil with swine manure fertilization. <i>Pesquisa Agropecuaria Brasileira</i> , 2013 , 48, 774-782	1.8	10

33	Matéria seca de plantas de cobertura, produção de cebola e atributos químicos do solo em sistema plantio direto agroecológico. <i>Ciencia Rural</i> , 2013 , 43, 21-27	1.3	14
32	Application of nitrogen sources on grapevines and effect on yield and must composition. <i>Revista Brasileira De Fruticultura</i> , 2013 , 35, 1042-1051	1.2	4
31	Phosphorus fractions in sandy soils of vineyards in southern Brazil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2013 , 37, 472-481	1.5	10
30	Accumulation of phosphorus fractions and contamination potential in vineyard soils in the southern region of the state of Santa Catarina, Brazil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2013 , 37, 1256-1266	1.5	5
29	Nutrients in soil layers under no-tillage after successive pig slurry applications. <i>Revista Brasileira De Ciencia Do Solo</i> , 2013 , 37, 157-167	1.5	35
28	Forms and accumulation of copper and zinc in a sandy typic hapludalf soil after long-term application of pig slurry and deep litter. <i>Revista Brasileira De Ciencia Do Solo</i> , 2013 , 37, 812-824	1.5	25
27	Estado nutricional, vigor e produção em videiras cultivadas com plantas de cobertura. <i>Revista Brasileira De Fruticultura</i> , 2013 , 35, 1190-1200	1.2	10
26	Use of the SPAD-502 in Estimating Nitrogen Content in Leaves and Grape Yield in Grapevines in Soils with Different Texture. <i>American Journal of Plant Sciences</i> , 2012 , 03, 1546-1561	0.5	20
25	Phosphorus accumulation and pollution potential in a hapludult fertilized with pig manure. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012 , 36, 1333-1342	1.5	29
24	Resposta das videiras a diferentes modos de distribuição de composto orgânico no solo. <i>Revista Brasileira De Fruticultura</i> , 2012 , 34, 493-503	1.2	7
23	Accumulation of phosphorus fractions in typic Hapludalf soil after long-term application of pig slurry and deep pig litter in a no-tillage system. <i>Nutrient Cycling in Agroecosystems</i> , 2012 , 93, 215-225	3.3	45
22	Mineralogical changes caused by grape production in a regosol from subtropical Brazilian climate. <i>Journal of Soils and Sediments</i> , 2012 , 12, 854-862	3.4	16
21	Changes in soil acidity and organic carbon in a sandy typic hapludalf after medium-term pig-slurry and deep-litter application. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012 , 36, 1620-1628	1.5	19
20	Soil chemical properties related to acidity under successive pig slurry application. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011 , 35, 1827-1836	1.5	34
19	Nutrient release during the decomposition of mowed perennial ryegrass and white clover and its contribution to nitrogen nutrition of grapevine. <i>Nutrient Cycling in Agroecosystems</i> , 2011 , 90, 299-308	3.3	49
18	Potassium availability in a hapludalf soil under long term fertilization. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010 , 34, 783-791	1.5	12
17	Acúmulo e formas de cobre e zinco no solo após aplicações sucessivas de dejetos líquidos de suínos. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010 , 34, 955-965	1.5	44
16	Nutrient transfer by runoff under no tillage in a soil treated with successive applications of pig slurry. <i>Agriculture, Ecosystems and Environment</i> , 2010 , 139, 689-699	5.7	45

15	Frações de fósforo no solo após sucessivas aplicações de dejetos de suínos em plantio direto. <i>Pesquisa Agropecuaria Brasileira</i> , 2010 , 45, 593-602	1.8	37
14	Correction of soil acidity in the subsurface of an oxisol with sandy loam texture under no-tillage. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009 , 33, 659-667	1.5	2
13	Produção e composição química da uva de videiras Cabernet Sauvignon submetidas à adubação nitrogenada. <i>Ciencia Rural</i> , 2009 , 39, 2035-2041	1.3	24
12	Formas e dessorção de cobre em solos cultivados com videira na Serra Gaúcha do Rio Grande do Sul. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008 , 32, 1479-1487	1.5	34
11	Fósforo da biomassa microbiana e atividade de fosfatases ácidas durante a diminuição do fósforo disponível no solo. <i>Pesquisa Agropecuaria Brasileira</i> , 2008 , 43, 1085-1091	1.8	22
10	Formas de fósforo no solo após sucessivas adições de dejetos líquidos de suínos em pastagem natural. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008 , 32, 1753-1761	1.5	39
9	Aplicação de nitrogênio em videiras na Campanha Gaúcha: produtividade e características químicas do mosto da uva. <i>Ciencia Rural</i> , 2007 , 37, 389-393	1.3	28
8	Fósforo microbiano do solo sob sistema plantio direto em resposta à adição de fosfato solúvel. <i>Revista Brasileira De Ciencia Do Solo</i> , 2007 , 31, 563-570	1.5	22
7	Depleção de formas de potássio do solo afetada por cultivos sucessivos. <i>Revista Brasileira De Ciencia Do Solo</i> , 2007 , 31, 1003-1010	1.5	27
6	Eficiência da calagem superficial e incorporada precedendo o sistema plantio direto em um argissolo sob pastagem natural. <i>Revista Brasileira De Ciencia Do Solo</i> , 2005 , 29, 573-580	1.5	30
5	Nível crítico e resposta das culturas ao potássio em um Argissolo sob sistema plantio direto. <i>Revista Brasileira De Ciencia Do Solo</i> , 2005 , 29, 565-571	1.5	19
4	Alterações nos atributos químicos de solo arenoso pela calagem superficial no sistema plantio direto consolidado. <i>Ciencia Rural</i> , 2003 , 33, 283-290	1.3	8
3	Use of Swine Manure in Agriculture in Southern Brazil: Fertility or Potential Contamination?		2
2	Copper and Zinc fractions and adsorption in sandy soil with long-term pig manure application. <i>Archives of Agronomy and Soil Science</i> , 1-17	2	0
1	Increase in phosphorus concentration reduces the toxicity of copper in wheat roots (<i>Triticum aestivum</i> L.). <i>Journal of Plant Nutrition</i> , 1-14	2.3	1