

C A Rosolem

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.

199
papers

2,824
citations

26
h-index

41
g-index

203
ext. papers

3,386
ext. citations

2.6
avg, IF

5.59
L-index

#	Paper	IF	Citations
199	Potassium-magnesium imbalance causes detrimental effects on growth, starch allocation and Rubisco activity in sugarcane plants. <i>Plant and Soil</i> , 2022 , 472, 225	4.2	1
198	Deep Soil Water Content and Forage Production in a Tropical Agroforestry System. <i>Agriculture (Switzerland)</i> , 2022 , 12, 359	3	
197	Feasibility of early fertilization of maize with ^{15}N application to preceding cover crop. <i>European Journal of Agronomy</i> , 2022 , 135, 126485	5	0
196	Functional N-cycle genes in soil and N ₂ O emissions in tropical grass-maize intercropping systems. <i>Soil Biology and Biochemistry</i> , 2022 , 169, 108655	7.5	0
195	Soil acidity amelioration improves N and C cycles in the short term in a system with soybean followed by maize-guinea grass intercropping. <i>Geoderma</i> , 2022 , 421, 115909	6.7	0
194	Potassium Bioavailability in a Tropical Kaolinitic Soil. <i>Agronomy</i> , 2021 , 11, 2016	3.6	0
193	Maize and sorghum root growth and yield when intercropped with forage grasses. <i>Agronomy Journal</i> , 2021 , 113, 4900	2.2	2
192	Liming Optimizes Nitrogen Fertilization in a Maize-Upland Rice Rotation under No-Till Conditions. <i>Agronomy</i> , 2021 , 11, 2005	3.6	0
191	Topsoil and subsoil C and N turnover are affected by superficial lime and gypsum application in the short-term. <i>Soil Biology and Biochemistry</i> , 2021 , 163, 108456	7.5	3
190	Considerations for Unharvested Plant Potassium 2021 , 147-162		
189	Outputs: Potassium Losses from Agricultural Systems 2021 , 75-97		3
188	Early nitrogen supply as an alternative management for a cover crop-maize sequence under a no-till system. <i>Nutrient Cycling in Agroecosystems</i> , 2021 , 121, 1-14	3.3	1
187	Soil P Diffusion and Availability Modified by Controlled-Release P Fertilizers. <i>Journal of Soil Science and Plant Nutrition</i> , 2021 , 21, 162-172	3.2	5
186	Soil carbon and nitrogen fractions and physical attributes affected by soil acidity amendments under no-till on Oxisol in Brazil. <i>Geoderma Regional</i> , 2021 , 24, e00347	2.7	8
185	Maize-Brachiaria intercropping: A strategy to supply recycled N to maize and reduce soil NO emissions?. <i>Agriculture, Ecosystems and Environment</i> , 2021 , 319, 107491	5.7	5
184	Cover crops shape the soil bacterial community in a tropical soil under no-till. <i>Applied Soil Ecology</i> , 2021 , 168, 104166	5	2
183	Deep soil carbon stock, origin, and root interaction in a tropical integrated crop-livestock system. <i>Agroforestry Systems</i> , 2020 , 94, 1865-1877	2	8

182	Root and shoot interactions in a tropical integrated crop-livestock-forest system. <i>Agricultural Systems</i> , 2020 , 181, 102796	6.1	7
181	Brachiaria species influence nitrate transport in soil by modifying soil structure with their root system. <i>Scientific Reports</i> , 2020 , 10, 5072	4.9	24
180	Polyol-ester impact on boron foliar absorption and remobilization in cotton and coffee trees. <i>Revista Brasileira De Ciencia Do Solo</i> , 2020 , 44,	1.5	1
179	Microbial N-cycling gene abundance is affected by cover crop specie and development stage in an integrated cropping system. <i>Archives of Microbiology</i> , 2020 , 202, 2005-2012	3	8
178	Cover crops affect the partial nitrogen balance in a maize-forage cropping system. <i>Geoderma</i> , 2020 , 360, 114000	6.7	16
177	Soil microbial community and activity in a tropical integrated crop-livestock system. <i>Applied Soil Ecology</i> , 2020 , 145, 103350	5	20
176	Potassium application to the cover crop prior to cotton planting as a fertilization strategy in sandy soils. <i>Scientific Reports</i> , 2020 , 10, 20404	4.9	2
175	Soil microbial community, enzyme activity, C and N stocks and soil aggregation as affected by land use and soil depth in a tropical climate region of Brazil. <i>Archives of Microbiology</i> , 2020 , 202, 2809-2824	3	8
174	Exudation of organic acid anions by tropical grasses in response to low phosphorus availability. <i>Scientific Reports</i> , 2020 , 10, 16955	4.9	6
173	Increase of nitrogen-use efficiency by phosphorus fertilization in grass-legume pastures. <i>Nutrient Cycling in Agroecosystems</i> , 2020 , 118, 165-175	3.3	0
172	Shading and Nitrogen Effects on Cotton Earliness Assessed by Boll Yield Distribution. <i>Crop Science</i> , 2019 , 59, 697-707	2.4	6
171	Fate of 15N fertilizer applied to maize in rotation with tropical forage grasses. <i>Field Crops Research</i> , 2019 , 238, 35-44	5.5	16
170	Multiple abiotic stress, nitrate availability and the growth of wheat. <i>Soil and Tillage Research</i> , 2019 , 191, 171-184	6.5	4
169	Gypsum application, soil fertility and cotton root growth. <i>Bragantia</i> , 2019 , 78, 264-273	1.2	5
168	Ammonium Improves Corn Phosphorus Acquisition Through Changes in the Rhizosphere Processes and Root Morphology. <i>Pedosphere</i> , 2019 , 29, 534-539	5	1
167	Ruzigrass root persistence and soybean root growth. <i>Plant and Soil</i> , 2019 , 442, 333-341	4.2	6
166	Assessing the long-term effects of zero-tillage on the macroporosity of Brazilian soils using X-ray Computed Tomography. <i>Geoderma</i> , 2019 , 337, 1126-1135	6.7	43
165	Impact of crop-livestock-forest integration on soil quality. <i>Agroforestry Systems</i> , 2019 , 93, 2111-2119	2	8

164	Phosphorus availability and dynamics in soil affected by long-term ruzigrass cover crop. <i>Geoderma</i> , 2019 , 337, 434-443	6.7	17
163	Transitions to sustainable management of phosphorus in Brazilian agriculture. <i>Scientific Reports</i> , 2018 , 8, 2537	4.9	113
162	Assessment of phosphorus availability in soil cultivated with ruzigrass. <i>Geoderma</i> , 2018 , 312, 64-73	6.7	19
161	Can tropical grasses grown as cover crops improve soil phosphorus availability?. <i>Soil Use and Management</i> , 2018 , 34, 316-325	3.1	7
160	Cover crop rotations in no-till system: short-term CO ₂ emissions and soybean yield. <i>Scientia Agricola</i> , 2018 , 75, 18-26	2.5	10
159	Potassium fertilisation with humic acid coated KCl in a sandy clay loam tropical soil. <i>Soil Research</i> , 2018 , 56, 244	1.8	10
158	Soil Phosphorus Bioavailability and Soybean Grain Yield Impaired by Ruzigrass. <i>Agronomy Journal</i> , 2018 , 110, 654-663	2.2	8
157	Nitrate leaching in soybean rotations without nitrogen fertilizer. <i>Plant and Soil</i> , 2018 , 423, 27-40	4.2	7
156	Safflower root and shoot growth affected by soil compaction. <i>Bragantia</i> , 2018 , 77, 348-355	1.2	14
155	Potassium Dynamics in Ruzigrass Rhizosphere. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018 , 42,	1.5	8
154	Urochloa ruziziensis cover crop increases the cycling of soil inositol phosphates. <i>Biology and Fertility of Soils</i> , 2018 , 54, 935-947	6.1	8
153	Guar root and shoot growth as affected by soil compaction. <i>Pesquisa Agropecuaria Tropical</i> , 2018 , 48, 163-169	1.2	5
152	Soil compaction management and soybean yields with cover crops under no-till and occasional chiseling. <i>European Journal of Agronomy</i> , 2017 , 85, 31-37	5	78
151	Mechanical and biological approaches to alleviate soil compaction in tropical soils: assessed by root growth and activity (Rb uptake) of soybean and maize grown in rotation with cover crops. <i>Soil Use and Management</i> , 2017 , 33, 141-152	3.1	15
150	Critical Periods of Storage of the Greenhouse Gases in Polypropylene Syringe. <i>Communications in Soil Science and Plant Analysis</i> , 2017 , 48, 1726-1732	1.5	1
149	Surface lime and silicate application and crop production system effects on physical characteristics of a Brazilian Oxisol. <i>Soil Research</i> , 2017 , 55, 778	1.8	3
148	Cotton Germination and Emergence under High Diurnal Temperatures. <i>Crop Science</i> , 2017 , 57, 2761-2769	4	7
147	Soil dynamic alterations and use efficiency of nitrogen by Brachiaria species. <i>Australian Journal of Crop Science</i> , 2017 , 11, 1221-1227	0.5	1

146	Plant growth regulation: a method for fine-tuning mepiquat chloride rates in cotton1. <i>Pesquisa Agropecuaria Tropical</i> , 2017 , 47, 286-295	1.2	2
145	Effects of soil texture and rates of K input on potassium balance in tropical soil. <i>European Journal of Soil Science</i> , 2017 , 68, 658-666	3.4	25
144	Cover Crops and Soil Phosphorus Availability. <i>Communications in Soil Science and Plant Analysis</i> , 2017 , 48, 1240-1246	1.5	8
143	Enhanced Plant Rooting and Crop System Management for Improved N Use Efficiency. <i>Advances in Agronomy</i> , 2017 , 205-239	7.7	33
142	Manganese in RR Cotton as Affected by Glyphosate. <i>Communications in Soil Science and Plant Analysis</i> , 2017 , 48, 1955-1962	1.5	
141	Soil organic matter in crop rotations under no-till. <i>Soil and Tillage Research</i> , 2016 , 155, 45-53	6.5	59
140	Non-labile phosphorus acquisition by Brachiaria. <i>Journal of Plant Nutrition</i> , 2016 , 39, 1319-1327	2.3	20
139	Brachiaria as a Cover Crop to Improve Phosphorus Use Efficiency in a No-till Oxisol. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016 , 40,	1.5	7
138	Soil carbon as affected by cover crops under no-till under tropical climate. <i>Soil Use and Management</i> , 2016 , 32, 495-503	3.1	14
137	Ruzigrass Grown in Rotation with Soybean Increases Soil Labile Phosphorus. <i>Agronomy Journal</i> , 2016 , 108, 2444-2452	2.2	18
136	Management Impacts on Soil Organic Matter of Tropical Soils. <i>Vadose Zone Journal</i> , 2015 , 14, vj2014.0720093	2.0	35
135	Cotton yield and fiber quality affected by row spacing and shading at different growth stages. <i>European Journal of Agronomy</i> , 2015 , 65, 18-26	5	25
134	Cotton leaf gas exchange responses to irradiance and leaf aging. <i>Biologia Plantarum</i> , 2015 , 59, 366-372	2.1	11
133	Boron uptake and translocation in some cotton cultivars. <i>Plant and Soil</i> , 2014 , 375, 241-253	4.2	20
132	Are Reactive Rock Phosphate and Superphosphate Mixtures Suitable for No-Till Soybean?. <i>Agronomy Journal</i> , 2014 , 106, 1455-1460	2.2	4
131	Soil phosphorus availability and soybean response to phosphorus starter fertilizer. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014 , 38, 1487-1495	1.5	4
130	Congo grass grown in rotation with soybean affects phosphorus bound to soil carbon. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014 , 38, 888-895	1.5	4
129	Nitrogen budget in a soil-plant system after brachiaria grass desiccation. <i>Soil Science and Plant Nutrition</i> , 2014 , 60, 162-172	1.6	10

128	High Night Temperatures During the Floral Bud Stage Increase the Abscission of Reproductive Structures in Cotton. <i>Journal of Agronomy and Crop Science</i> , 2014 , 200, 191-198	3.9	23
127	Soil phosphorus dynamics as affected by Congo grass and P fertilizer. <i>Scientia Agricola</i> , 2014 , 71, 309-315	5.5	12
126	Coffee processing residues as a soil potassium amendment. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2014 , 3, 155-165	3.1	14
125	Upland Rice Growth and Mineral Nutrition as Affected by Cultivars and Sulfur Availability. <i>Soil Science Society of America Journal</i> , 2013 , 77, 328-335	2.5	9
124	Phosphorus and potassium budget in the soil-plant system in crop rotations under no-till. <i>Soil and Tillage Research</i> , 2013 , 126, 127-133	6.5	20
123	Phosphorus and potassium balance in a corn-soybean rotation under no-till and chiseling. <i>Nutrient Cycling in Agroecosystems</i> , 2013 , 96, 123-131	3.3	20
122	Soil Organic Matter and Physical Attributes Affected by Crop Rotation Under No-till. <i>Soil Science Society of America Journal</i> , 2013 , 77, 1724-1731	2.5	33
121	Ruzigrass affecting soil-phosphorus availability. <i>Pesquisa Agropecuaria Brasileira</i> , 2013 , 48, 1583-1588	1.8	12
120	Soil nitrogen dynamics after Brachiaria desiccation. <i>Revista Brasileira De Ciencia Do Solo</i> , 2013 , 37, 1620-1627	9	9
119	Cotton response to mepiquat chloride and temperature. <i>Scientia Agricola</i> , 2013 , 70, 82-87	2.5	20
118	Sensitivity of cotton cultivars to soil compaction. <i>Semina: Ciencias Agrarias</i> , 2013 , 34, 3645	0.6	6
117	Carbohydrate production and transport in cotton cultivars grown under boron deficiency. <i>Scientia Agricola</i> , 2013 , 70, 442-448	2.5	7
116	Formas de fôrfo no solo apó o cultivo de braquiácia e tremoço branco. <i>Ciencia Rural</i> , 2013 , 43, 1381-1386	6	6
115	Perdas de reguladores de crescimento do algodoeiro em função do adjuvante e de chuva simulada. <i>Ciencia Rural</i> , 2013 , 43, 944-944	1.3	
114	Acúmulo de nitrogênio, fôrfo e potássio pelo algodoeiro sob irrigação de cultivo em sistemas convencional e adensado. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012 , 36, 457-466	1.5	13
113	Plant growth regulator losses in cotton as affected by adjuvants and rain. <i>Ciencia Rural</i> , 2012 , 42, 2138-2144	6	6
112	Crescimento inicial e absorção de nutrientes pelo algodoeiro cultivado sobre a palhada de Brachiaria ruziziensis. <i>Planta Daninha</i> , 2012 , 30, 783-790	0.7	9
111	Nitrogen Immobilization by Congo Grass Roots Impairs Cotton Initial Growth. <i>Journal of Agricultural Science</i> , 2012 , 4,	1	1

110	Ac ⁺ Bnulo e distribui ⁺ B de boro em cultivares de algod ⁺ B. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012 , 36, 1231-1238	1.5	1
109	Plantas de cobertura e calagem na implanta ⁺ B do sistema plantio direto. <i>Pesquisa Agropecuaria Brasileira</i> , 2012 , 47, 1158-1165	1.8	10
108	Cotton root and shoot growth as affected by application of mepiquat chloride to cotton seeds. <i>Acta Scientiarum - Agronomy</i> , 2012 , 34,	0.6	10
107	Compared boron uptake and translocation in cotton cultivars. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012 , 36, 1499-1506	1.5	6
106	Suprimento de pot ⁺ Bsio em fun ⁺ B da aduba ⁺ B pot ⁺ Bsica residual em um Latossolo Vermelho do Cerrado. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012 , 36, 1507-1515	1.5	11
105	Absor ⁺ B de mangan ⁺ B em soja RR sob efeito do glifosato. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011 , 35, 961-968	1.5	12
104	Brachiaria species affecting soil nitrification. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011 , 35, 1699-1706	1.5	6
103	Crescimento e atividade de ra ⁺ Bes de soja em fun ⁺ B do sistema de produ ⁺ B. <i>Pesquisa Agropecuaria Brasileira</i> , 2011 , 46, 1547-1554	1.8	18
102	Exchangeable basic cations and nitrogen distribution in soil as affected by crop residues and nitrogen. <i>Brazilian Archives of Biology and Technology</i> , 2011 , 54, 441-450	1.8	4
101	Nitrate role in basic cation leaching under no-till. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011 , 35, 1975-1984	1.5	19
100	Soil water retention and s index after crop rotation and chiseling. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011 , 35, 1927-1937	1.5	8
99	Least limiting water range in soil under crop rotations and chiseling. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011 , 35, 759-771	1.5	25
98	Triticale, milheto e aduba ⁺ B fosfatada para forma ⁺ B de palhada em semeadura direta. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011 , 35, 981-990	1.5	2
97	Least limiting water range and crop yields as affected by crop rotations and tillage. <i>Soil Use and Management</i> , 2010 , 26, 485-493	3.1	33
96	Growth regulator losses from cotton plants due to rainfall. <i>Scientia Agricola</i> , 2010 , 67, 158-163	2.5	2
95	Manganese uptake and redistribution in soybean as affected by glyphosate. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010 , 34, 1915-1922	1.5	17
94	Agregados em um Latossolo sob sistema plantio direto e rota ⁺ B de culturas. <i>Pesquisa Agropecuaria Brasileira</i> , 2010 , 45, 1489-1498	1.8	15
93	Infiltra ⁺ B de ^ gua no solo sob escarifica ⁺ B e rota ⁺ B de culturas. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010 , 34, 693-700	1.5	12

92	Phosphate fertilization and phosphorus forms in an Oxisol under no-till. <i>Scientia Agricola</i> , 2010 , 67, 465-475	24
91	Nitrogen washing from C3 and C4 cover grasses residues by rain. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010 , 34, 1899-1905	1.5 10
90	Soil Solution as Affected by Plant Residues and Nitrogen Rates. <i>Communications in Soil Science and Plant Analysis</i> , 2010 , 41, 13-28	1.5 2
89	Tillage and phosphorus management effects on enzyme-labile bioactive phosphorus availability in Cerrado Oxisols. <i>Geoderma</i> , 2010 , 156, 207-215	6.7 26
88	Potassium Leaching as Affected by Soil Texture and Residual Fertilization in Tropical Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2010 , 41, 1934-1943	1.5 32
87	Soybean root growth and yield in rotation with cover crops under chiseling and no-till. <i>European Journal of Agronomy</i> , 2010 , 33, 242-249	5 81
86	Monitoring nitrogen nutrition in cotton. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010 , 34, 1601-1607	1.5 19
85	Amostragem de terra para fins de fertilidade em função da ferramenta de amostragem. <i>Revista Ceres</i> , 2010 , 57, 405-414	0.7 2
84	Phosphorus fractions in Brazilian Cerrado soils as affected by tillage. <i>Soil and Tillage Research</i> , 2009 , 105, 149-155	6.5 64
83	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
82	Sensibilidade de cultivares de algodoeiro ao cloreto de mepiquat. <i>Pesquisa Agropecuaria Brasileira</i> , 2009 , 44, 1246-1253	1.8 8
81	Potassium cycling in a corn-brachiaria cropping system. <i>European Journal of Agronomy</i> , 2008 , 28, 579-585	63
80	Produtividade e acúmulo de potássio na soja em função da antecipação da adubação potássica no sistema plantio direto. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008 , 32, 1549-1561	1.5 15
79	Organic compounds from plant extracts and their effect on soil phosphorus availability. <i>Pesquisa Agropecuaria Brasileira</i> , 2008 , 43, 1379-1388	1.8 24
78	Estabilidade de agregados do solo após manejo com rotação das culturas e escarificação. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008 , 32, 1399-1407	1.5 33
77	Atividade radicular da soja: definição de um método. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008 , 32, 899-903	4
76	Lixiviação de potássio em função da textura e da disponibilidade do nutriente no solo. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008 , 32, 2297-2305	1.5 44
75	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

74	Boro disponibilidade e resposta da soja em latossolo vermelho-amarelo do Mato Grosso. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008 , 32, 2375-2383	1.5	5
73	Tratamento de sementes de soja com inseticidas e um bioestimulante. <i>Pesquisa Agropecuaria Brasileira</i> , 2008 , 43, 1311-1318	1.8	31
72	Phosphorus sources and fractions in an oxisol under no-tilled soybean. <i>Scientia Agricola</i> , 2008 , 65, 415-4215	11	
71	Rainfall intensity and Mepiquat Chloride persistence in cotton. <i>Scientia Agricola</i> , 2007 , 64, 125-130	2.5	9
70	Desenvolvimento radicular do algodoeiro em resposta à localização do fertilizante. <i>Revista Brasileira De Ciencia Do Solo</i> , 2007 , 31, 387-392	1.5	6
69	Coffee leaf and stem anatomy under boron deficiency. <i>Revista Brasileira De Ciencia Do Solo</i> , 2007 , 31, 477-483	1.5	18
68	Liming in the transition to no-till under a wheat-soybean rotation. <i>Soil and Tillage Research</i> , 2007 , 97, 207-217	6.5	21
67	Boron translocation in coffee trees. <i>Plant and Soil</i> , 2007 , 290, 221-229	4.2	13
66	Adubação foliar com nitrato de potássio em algodoeiro. <i>Bragantia</i> , 2007 , 66, 147-155	1.2	2
65	Potássio lixiviado da palha de aveia-preta e milheto após a dessecação química. <i>Pesquisa Agropecuaria Brasileira</i> , 2007 , 42, 1169-1175	1.8	8
64	Adsorção e lixiviação de boro em Latossolo Vermelho-Amarelo. <i>Pesquisa Agropecuaria Brasileira</i> , 2007 , 42, 1473-1478	1.8	20
63	Boron Deficiency Inhibits Petiole and Peduncle Cell Development and Reduces Growth of Cotton. <i>Journal of Plant Nutrition</i> , 2006 , 29, 2035-2048	2.3	16
62	Sintomas de deficiência tardia de fósforo em soja. <i>Revista Brasileira De Ciencia Do Solo</i> , 2006 , 30, 385-389	1.5	8
61	Lixiviação de potássio no solo de acordo com suas doses aplicadas sobre palha de milheto. <i>Revista Brasileira De Ciencia Do Solo</i> , 2006 , 30, 813-819	1.5	17
60	Efeito da calagem e sulfato de amônio no algodão: I - Transporte de cátions e anions no solo. <i>Revista Brasileira De Ciencia Do Solo</i> , 2006 , 30, 425-432	1.5	7
59	Efeito da calagem e sulfato de amônio no algodão: II - Concentração de cátions e anions na solução do solo e absorção de nutrientes pelas plantas. <i>Revista Brasileira De Ciencia Do Solo</i> , 2006 , 30, 433-442	1.5	3
58	Potássio no solo em consequência da adubação sobre a palha de milheto e chuva simulada. <i>Pesquisa Agropecuaria Brasileira</i> , 2006 , 41, 1033-1040	1.8	30
57	Potassium Leaching from Millet Straw as Affected by Rainfall and Potassium Rates. <i>Communications in Soil Science and Plant Analysis</i> , 2005 , 36, 1063-1074	1.5	32

56	Kinetics of Zinc Uptake and Anatomy of Roots and Leaves of Coffee Trees as Affected by Zinc Nutrition. <i>Journal of Plant Nutrition</i> , 2005 , 28, 2101-2112	2.3	9
55	Teores de nutrientes na folha e nos gr^os de aveia-preta em fun^o da aduba^o com f^orofertilizante e pot^asio. <i>Bragantia</i> , 2005 , 64, 441-445	1.2	12
54	Leaching of Nitrate and Ammonium from Cover Crop Straws as Affected by Rainfall. <i>Communications in Soil Science and Plant Analysis</i> , 2005 , 36, 819-831	1.5	11
53	Lixivia^o de pot^asio da palha de plantas de cobertura em diferentes est^adios de senesc^encia ap^os a desseca^o qu^atica. <i>Revista Brasileira De Ciencia Do Solo</i> , 2005 , 29, 99-108	1.5	25
52	F^orofertilizante no solo e desenvolvimento de soja influenciados pela aduba^o fosfatada e cobertura vegetal. <i>Pesquisa Agropecuaria Brasileira</i> , 2004 , 39, 1231-1237	1.8	26
51	Perdas de cloreto de mepiquat no algodoeiro por chuva simulada. <i>Pesquisa Agropecuaria Brasileira</i> , 2004 , 39, 631-636	1.8	8
50	Nitrogen management in maize cover crop rotations. <i>Plant and Soil</i> , 2004 , 264, 261-271	4.2	29
49	Import^ncia do fluxo de massa e difus^o no suprimento de pot^asio ao algodoeiro como vari^vel de ^gua e pot^asio no solo. <i>Revista Brasileira De Ciencia Do Solo</i> , 2004 , 28, 439-445	1.5	20
48	Libera^o de c^lculo e magn^o por c^psulas porosas de porcelana usadas na extra^o de solu^o do solo. <i>Revista Brasileira De Ciencia Do Solo</i> , 2004 , 28, 605-610	1.5	3
47	Early Development and Nutrition of Cover Crop Species as Affected by Soil Compaction. <i>Journal of Plant Nutrition</i> , 2003 , 26, 1635-1648	2.3	5
46	Din^mica do nitrog^eno no solo em raz^o da calagem e aduba^o nitrogenada, com palha na superf^cie. <i>Pesquisa Agropecuaria Brasileira</i> , 2003 , 38, 301-309	1.8	30
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