Gustavo Brunetto

List of Publications by Citations

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	Copper accumulation in vineyard soils: Rhizosphere processes and agronomic practices to limit its toxicity. *Chemosphere*, **2016**, 162, 293-307	8.4	90
139	Copper uptake, accumulation and physiological changes in adult grapevines in response to excess copper in soil. *Plant and Soil*, **2014**, 374, 593-610	4.2	72
138	Mobility of copper and zinc fractions in fungicide-amended vineyard sandy soils. *Archives of Agronomy and Soil Science*, **2014**, 60, 609-624	2	62
137	THE ROLE OF MINERAL NUTRITION ON YIELDS AND FRUIT QUALITY IN GRAPEVINE, PEAR AND APPLE. *Revista Brasileira De Fruticultura*, **2015**, 37, 1089-1104	1.2	60
136	Reduction of copper phytotoxicity by liming: A study of the root anatomy of young vines (Vitis labrusca L.). *Plant Physiology and Biochemistry*, **2015**, 96, 270-80	5.4	50
135	Nitrogen Nutrition of Fruit Trees to Reconcile Productivity and Environmental Concerns. *Plants*, **2018**, 7,	4.5	50
134	Nutrient release during the decomposition of mowed perennial ryegrass and white clover and its contribution to nitrogen nutrition of grapevine. *Nutrient Cycling in Agroecosystems*, **2011**, 90, 299-308	3.3	49
133	Tolerance and translocation of heavy metals in young grapevine (Vitis vinifera) grown in sandy acidic soil with interaction of high doses of copper and zinc. *Scientia Horticulturae*, **2017**, 222, 203-212	4.1	46
132	Accumulation of phosphorus fractions in typic Hapludalf soil after long-term application of pig slurry and deep pig litter in a no-tillage system. *Nutrient Cycling in Agroecosystems*, **2012**, 93, 215-225	3.3	45
131	Nutrient transfer by runoff under no tillage in a soil treated with successive applications of pig slurry. *Agriculture, Ecosystems and Environment*, **2010**, 139, 689-699	5.7	45
130	Acˆ mulo e formas de cobre e zinco no solo apˆ s aplicaˆ es sucessivas de dejeto lˆ quido de suˆ nos. *Revista Brasileira De Ciencia Do Solo*, **2010**, 34, 955-965	1.5	44
129	The potential of Zea mays L. in remediating copper and zinc contaminated soils for grapevine production. *Geoderma*, **2016**, 262, 52-61	6.7	42
128	Triggered antioxidant defense mechanism in maize grown in soil with accumulation of Cu and Zn due to intensive application of pig slurry. *Ecotoxicology and Environmental Safety*, **2013**, 93, 145-55	7	39
127	Formas de fˆ sforo no solo apˆ s sucessivas adiˆ es de dejeto lˆ quido de suˆ nos em pastagem natural. *Revista Brasileira De Ciencia Do Solo*, **2008**, 32, 1753-1761	1.5	39
126	Fraˆ es de fˆ sforo no solo apˆ s sucessivas aplicaˆ es de dejetos de suˆ nos em plantio direto. *Pesquisa Agropecuaria Brasileira*, **2010**, 45, 593-602	1.8	37
125	Nutrients in soil layers under no-tillage after successive pig slurry applications. *Revista Brasileira De Ciencia Do Solo*, **2013**, 37, 157-167	1.5	35
124	Soil chemical properties related to acidity under successive pig slurry application. *Revista Brasileira De Ciencia Do Solo*, **2011**, 35, 1827-1836	1.5	34

123	Formas e dessorˆ ◻◻o de cobre em solos cultivados com videira na Serra Gaˆ ◻ha do Rio Grande do Sul. *Revista Brasileira De Ciencia Do Solo*, **2008**, 32, 1479-1487	1.5	34
122	Residual effect of surface-applied lime on soil acidity properties in a long-term experiment under no-till in a Southern Brazilian sandy Ultisol. *Geoderma*, **2018**, 313, 7-16	6.7	34
121	Intercropping of young grapevines with native grasses for phytoremediation of Cu-contaminated soils. *Chemosphere*, **2019**, 216, 147-156	8.4	33
120	Rhizophagus clarus and phosphate alter the physiological responses of Crotalaria juncea cultivated in soil with a high Cu level. *Applied Soil Ecology*, **2015**, 91, 37-47	5	32
119	Interaction between arbuscular mycorrhizal fungi and vermicompost on copper phytoremediation in a sandy soil. *Applied Soil Ecology*, **2015**, 96, 172-182	5	31
118	Soil solution concentrations and chemical species of copper and zinc in a soil with a history of pig slurry application and plant cultivation. *Agriculture, Ecosystems and Environment*, **2016**, 216, 374-386	5.7	31
117	High copper content in vineyard soils promotes modifications in photosynthetic parameters and morphological changes in the root system of 'Red Niagara' plantlets. *Plant Physiology and Biochemistry*, **2018**, 128, 89-98	5.4	30
116	Efici^ ◻cia da calagem superficial e incorporada precedendo o sistema plantio direto em um argissolo sob pastagem natural. *Revista Brasileira De Ciencia Do Solo*, **2005**, 29, 573-580	1.5	30
115	Phosphorus accumulation and pollution potential in a hapludult fertilized with pig manure. *Revista Brasileira De Ciencia Do Solo*, **2012**, 36, 1333-1342	1.5	29
114	Aplica^ ◻◻o de nitrog^ ◻io em videiras na Campanha Ga^ ◻ha: produtividade e caracter^ ◻sticas qu^ ◻micas do mosto da uva. *Ciencia Rural*, **2007**, 37, 389-393	1.3	28
113	Deple^ ◻◻o de formas de pot^ ◻ssio do solo afetada por cultivos sucessivos. *Revista Brasileira De Ciencia Do Solo*, **2007**, 31, 1003-1010	1.5	27
112	Physiological and nutritional status of black oat (Avena strigosa Schreb.) grown in soil with interaction of high doses of copper and zinc. *Plant Physiology and Biochemistry*, **2016**, 106, 253-63	5.4	26
111	Carbon, nitrogen and natural abundance of 13 C and 15 N in biogenic and physicogenic aggregates in a soil with 10 years of pig manure application. *Soil and Tillage Research*, **2017**, 166, 52-58	6.5	25
110	Forms and accumulation of copper and zinc in a sandy typic hapludalf soil after long-term application of pig slurry and deep litter. *Revista Brasileira De Ciencia Do Solo*, **2013**, 37, 812-824	1.5	25
109	Soil-applied phosphorous is an effective tool to mitigate the toxicity of copper excess on grapevine grown in rhizobox. *Scientia Horticulturae*, **2018**, 227, 102-111	4.1	25
108	Produ^ ◻◻o e composi^ ◻◻o qu^ ◻mica da uva de videiras Cabernet Sauvignon submetidas ^ ◻aduba^ ◻◻o nitrogenada. *Ciencia Rural*, **2009**, 39, 2035-2041	1.3	24
107	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. *Soil and Tillage Research*, **2018**, 180, 222-231	6.5	22
106	Effects of zinc addition to a copper-contaminated vineyard soil on sorption of Zn by soil and plant physiological responses. *Ecotoxicology and Environmental Safety*, **2016**, 129, 109-19	7	22

105	CARBONO ORGˆ NICO TOTAL E AGREGAˆ D DO SOLO EM SISTEMA DE PLANTIO DIRETO AGROECOLˆ GICO E CONVENCIONAL DE CEBOLA. *Revista Brasileira De Ciencia Do Solo*, **2015**, 39, 1212-1224	1.5	22
104	Pig slurry and nutrient accumulation and dry matter and grain yield in various crops. *Revista Brasileira De Ciencia Do Solo*, **2014**, 38, 949-958	1.5	22
103	Available content, surface runoff and leaching of phosphorus forms in a typic hapludalf treated with organic and mineral nutrient sources. *Revista Brasileira De Ciencia Do Solo*, **2014**, 38, 544-556	1.5	22
102	Fˆ sforo da biomassa microbiana e atividade de fosfatases ˆ cidas durante a diminuiˆ o do fˆ sforo disponˆ vel no solo. *Pesquisa Agropecuaria Brasileira*, **2008**, 43, 1085-1091	1.8	22
101	Fˆ sforo microbiano do solo sob sistema plantio direto em resposta ˆ adiˆ o de fosfato solˆ vel. *Revista Brasileira De Ciencia Do Solo*, **2007**, 31, 563-570	1.5	22
100	Nutrient transfers by leaching in a no-tillage system through soil treated with repeated pig slurry applications. *Nutrient Cycling in Agroecosystems*, **2013**, 95, 115-131	3.3	21
99	Contribution of nitrogen from agricultural residues of rye to âNiagara Rosadaâ grape nutrition. *Scientia Horticulturae*, **2014**, 169, 66-70	4.1	21
98	Liming as an ameliorator of copper toxicity in black oat (Avena strigosa Schreb.). *Journal of Plant Nutrition*, **2017**, 40, 404-416	2.3	20
97	Use of the SPAD-502 in Estimating Nitrogen Content in Leaves and Grape Yield in Grapevines in Soils with Different Texture. *American Journal of Plant Sciences*, **2012**, 03, 1546-1561	0.5	20
96	Physical properties and organic carbon content of a Typic Hapludult soil fertilised with pig slurry and pig litter in a no-tillage system. *Soil Research*, **2013**, 51, 459	1.8	20
95	Use of phosphorus fertilization and mycorrhization as strategies for reducing copper toxicity in young grapevines. *Scientia Horticulturae*, **2019**, 248, 176-183	4.1	19
94	The interaction of high copper and zinc doses in acid soil changes the physiological state and development of the root system in young grapevines (Vitis vinifera). *Ecotoxicology and Environmental Safety*, **2018**, 148, 985-994	7	19
93	Black Oat (Avena strigosa Schreb.) Growth and Root Anatomical Changes in Sandy Soil with Different Copper and Phosphorus Concentrations. *Water, Air, and Soil Pollution*, **2016**, 227, 1	2.6	19
92	Biochemical changes in black oat (avena strigosa schreb) cultivated in vineyard soils contaminated with copper. *Plant Physiology and Biochemistry*, **2016**, 103, 199-207	5.4	19
91	Copper availability assessment of Cu-contaminated vineyard soils using black oat cultivation and chemical extractants. *Environmental Monitoring and Assessment*, **2014**, 186, 9051-63	3.1	19
90	Nˆ vel crˆ tico e resposta das culturas ao potˆ ssio em um Argissolo sob sistema plantio direto. *Revista Brasileira De Ciencia Do Solo*, **2005**, 29, 565-571	1.5	19
89	Changes in soil acidity and organic carbon in a sandy typic hapludalf after medium-term pig-slurry and deep-litter application. *Revista Brasileira De Ciencia Do Solo*, **2012**, 36, 1620-1628	1.5	19
88	Environmental vulnerability and phosphorus fractions of areas with pig slurry applied to the soil. *Journal of Environmental Quality*, **2015**, 44, 162-73	3.4	18

87	Accumulation of copper and zinc fractions in vineyard soil in the mid-western region of Santa Catarina, Brazil. *Environmental Earth Sciences*, **2015**, 73, 6379-6386	2.9	17
86	Iron fertilization to enhance tolerance mechanisms to copper toxicity of ryegrass plants used as cover crop in vineyards. *Chemosphere*, **2020**, 243, 125298	8.4	17
85	Contribution of nitrogen from urea applied at different rates and times on grapevine nutrition. *Scientia Horticulturae*, **2016**, 207, 1-6	4.1	17
84	Phosphorus fractions in soil with a long history of organic waste and mineral fertilizer addition. *Bragantia*, **2017**, 76, 155-166	1.2	16
83	Mineralogical changes caused by grape production in a regosol from subtropical Brazilian climate. *Journal of Soils and Sediments*, **2012**, 12, 854-862	3.4	16
82	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. *Archives of Agronomy and Soil Science*, **2016**, 62, 593-616	2	15
81	Nitrogen fertilization affects yield and fruit quality in pear. *Scientia Horticulturae*, **2019**, 258, 108782	4.1	15
80	HEAVY METALS IN VINEYARDS AND ORCHARD SOILS. *Revista Brasileira De Fruticultura*, **2017**, 39,	1.2	14
79	Matˆ ria seca de plantas de cobertura, produˆ b de cebola e atributos quˆ micos do solo em sistema plantio direto agroecolˆ gico. *Ciencia Rural*, **2013**, 43, 21-27	1.3	14
78	Potential of vermicompost and limestone in reducing copper toxicity in young grapevines grown in Cu-contaminated vineyard soil. *Chemosphere*, **2019**, 226, 421-430	8.4	13
77	Copper Accumulation and Availability in Sandy, Acid, Vineyard Soils. *Communications in Soil Science and Plant Analysis*, **2017**, 48, 1167-1183	1.5	13
76	THE PEAR TREE RESPONSE TO PHOSPHORUS AND POTASSIUM FERTILIZATION. *Revista Brasileira De Fruticultura*, **2015**, 37, 507-516	1.2	13
75	Effects of Pig Slurry Application and Crops on Phosphorus Content in Soil and the Chemical Species in Solution. *Revista Brasileira De Ciencia Do Solo*, **2015**, 39, 774-787	1.5	13
74	Growth and chemical changes in the rhizosphere of black oat (Avena strigosa) grown in soils contaminated with copper. *Ecotoxicology and Environmental Safety*, **2018**, 163, 19-27	7	12
73	Potassium availability in a hapludalf soil under long term fertilization. *Revista Brasileira De Ciencia Do Solo*, **2010**, 34, 783-791	1.5	12
72	Forms of phosphorus transfer in runoff under no-tillage in a soil treated with successive swine effluents applications. *Environmental Monitoring and Assessment*, **2015**, 187, 209	3.1	11
71	Soil amendment as a strategy for the growth of young vines when replanting vineyards in soils with high copper content. *Plant Physiology and Biochemistry*, **2018**, 126, 152-162	5.4	10
70	Carbon and nitrogen contents and aggregation index of soil cultivated with onion for seven years using crop successions and rotations. *Soil and Tillage Research*, **2018**, 184, 195-202	6.5	10

69	Microbiological and chemical attributes of a Hapludalf soil with swine manure fertilization. *Pesquisa Agropecuaria Brasileira*, **2013**, 48, 774-782	1.8	10
68	Phosphorus fractions in sandy soils of vineyards in southern Brazil. *Revista Brasileira De Ciencia Do Solo*, **2013**, 37, 472-481	1.5	10
67	Estado nutricional, vigor e produ ̂ ̄o em videiras cultivadas com plantas de cobertura. *Revista Brasileira De Fruticultura*, **2013**, 35, 1190-1200	1.2	10
66	Formas de f ̂ ̄foro no solo sob pastagens naturais submetidas ̂ ̄adi ̂ ̄o de fosfatos. *Revista Brasileira De Ciencia Do Solo*, **2014**, 38, 867-878	1.5	9
65	A Smart and Sustainable Future for Viticulture Is Rooted in Soil: How to Face Cu Toxicity. *Applied Sciences (Switzerland)*, **2021**, 11, 907	2.6	9
64	Nitrogen Availability and Physiological Response of Corn After 12 Years with Organic and Mineral Fertilization. *Journal of Soil Science and Plant Nutrition*, **2020**, 20, 979-989	3.2	8
63	Crop response to organic fertilization with supplementary mineral nitrogen. *Revista Brasileira De Ciencia Do Solo*, **2014**, 38, 912-922	1.5	8
62	Altera ̂ ̄es nos atributos qu ̂ ̄micos de solo arenoso pela calagem superficial no sistema plantio direto consolidado. *Ciencia Rural*, **2003**, 33, 283-290	1.3	8
61	Effects of Rhizophagus clarus and P availability in the tolerance and physiological response of Mucuna cinereum to copper. *Plant Physiology and Biochemistry*, **2018**, 122, 46-56	5.4	8
60	Chemical, Biological, and Biochemical Parameters of the Soil P Cycle After Long-Term Pig Slurry Application in No-Tillage System. *Revista Brasileira De Ciencia Do Solo*, **2017**, 41,	1.5	7
59	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. *Water, Air, and Soil Pollution*, **2016**, 227, 1	2.6	7
58	Should Heavy Metals Be Monitored in Foods Derived From Soils Fertilized With Animal Waste?. *Frontiers in Plant Science*, **2018**, 9, 732	6.2	7
57	Resposta das videiras a diferentes modos de distribui ̂ ̄o de composto org ̂ ̄nico no solo. *Revista Brasileira De Fruticultura*, **2012**, 34, 493-503	1.2	7
56	Phosphorus forms leached in a sandy Typic Hapludalf soil under no-tillage with successive pig slurry applications. *Agricultural Water Management*, **2020**, 242, 106406	5.9	7
55	Short- and long-term effects of animal manures and mineral fertilizer on carbon stocks in subtropical soil under no-tillage. *Geoderma*, **2021**, 386, 114913	6.7	7
54	Copper and zinc distribution and toxicity in â ̄adeâ ̄/ â ̄enovesaâ ̄young peach tree. *Scientia Horticulturae*, **2020**, 259, 108763	4.1	7
53	Structural changes in roots of peach rootstock cultivars grown in soil with high zinc content. *Scientia Horticulturae*, **2018**, 237, 1-10	4.1	6
52	Fra ̂ ̄es de cobre e zinco em solos de vinhedos no Meio Oeste de Santa Catarina. *Revista Brasileira De Engenharia Agricola E Ambiental*, **2014**, 18, 805-810	0.9	6

51	ANIMAL MANURE AS FERTILIZER: CHANGES IN SOIL ATTRIBUTES, PRODUCTIVITY AND FOOD COMPOSITION. *International Journal of Research -GRANTHAALAYAH*, **2019**, 7, 307-331	0.2	6
50	Forms of nitrogen and phosphorus transfer by runoff in soil under no-tillage with successive organic waste and mineral fertilizers applications. *Agricultural Water Management*, **2021**, 248, 106779	5.9	6
49	Liming as a means of reducing copper toxicity in black oats. *Ciencia Rural*, **2018**, 48,	1.3	6
48	Copper and Zn distribution in humic substances of soil after 10 years of pig manure application in south of Santa Catarina, Brazil. *Environmental Geochemistry and Health*, **2020**, 42, 3281-3301	4.7	5
47	Copper and zinc accumulation, fractionation and migration in vineyard soils from Santa Catarina State, Brazil. *Bragantia*, **2018**, 77, 141-151	1.2	5
46	Copper and Zinc in Rhizosphere Soil and Toxicity Potential in White Oats (Avena sativa) Grown in Soil with Long-Term Pig Manure Application. *Water, Air, and Soil Pollution*, **2019**, 230, 1	2.6	5
45	Soil Phosphorus Fractions in a Sandy Typic Hapludaft as Affected by Phosphorus Fertilization and Grapevine Cultivation Period. *Communications in Soil Science and Plant Analysis*, **2013**, 44, 1937-1950	1.5	5
44	Accumulation of phosphorus fractions and contamination potential in vineyard soils in the southern region of the state of Santa Catarina, Brazil. *Revista Brasileira De Ciencia Do Solo*, **2013**, 37, 1256-1266	1.5	5
43	Phosphorus fractions in the vineyard soil of the Serra Gaˆ ha of Rio Grande do Sul, Brazil. *Revista Brasileira De Engenharia Agricola E Ambiental*, **2014**, 18, 133-140	0.9	5
42	Residual and immediate effect after 16 applications of organic sources on yield and nitrogen use efficiency in black oat and corn. *Revista Brasileira De Ciencia Do Solo*, **2020**, 44,	1.5	5
41	Plant uptake of legacy phosphorus from soils without P fertilization. *Nutrient Cycling in Agroecosystems*, **2021**, 119, 139-151	3.3	5
40	Organic carbon and nitrogen contents and their fractions in soils with onion crops in different management systems. *Soil Research*, **2018**, 56, 846	1.8	5
39	Lime Protection for Young Vines Exposed to Copper Toxicity. *Water, Air, and Soil Pollution*, **2020**, 231, 1	2.6	4
38	Spatial variation of herbaceous cover species community in Cu-contaminated vineyards in Pampa biome. *Environmental Science and Pollution Research*, **2020**, 27, 13348-13359	5.1	4
37	âFUJIâAPPLE TREE RESPONSE TO PHOSPHORUS FERTILIZATION. *Revista Brasileira De Fruticultura*, **2017**, 39,	1.2	4
36	Application of nitrogen sources on grapevines and effect on yield and must composition. *Revista Brasileira De Fruticultura*, **2013**, 35, 1042-1051	1.2	4
35	Impact of Cu concentrations in nutrient solution on growth and physiological and biochemical parameters of beet and cabbage and human health risk assessment. *Scientia Horticulturae*, **2020**, 272, 109558	4.1	3
34	Phosphorus fractions in apple orchards in southern Brazil. *Bragantia*, **2017**, 76, 422-432	1.2	3

33	Nitrogen fertilization in the growth phase of 'Chardonnay' and 'Pinot Noir' vines and nitrogen forms in sandy soil of the Pampa Biome. *Revista Ceres*, **2017**, 64, 433-440	0.7	3
32	Rhizophagus Clarus and Phosphorus in Crotalaria juncea: Growth, Glomalin Content and Acid Phosphatase Activity in a Copper-Contaminated Soil. *Revista Brasileira De Ciencia Do Solo*, **2018**, 42,	1.5	3
31	Long-Term Effects of Animal Manures on Nutrient Recovery and Soil Quality in Acid Typic Hapludalf under No-Till Conditions. *Agronomy*, **2022**, 12, 243	3.6	3
30	Plant species and pH dependent responses to copper toxicity. *Environmental and Experimental Botany*, **2022**, 196, 104791	5.9	3
29	Chemical Properties in Macroaggregates of a Humic Dystrudept Cultivated with Onion under No-Till and Conventional Tillage Systems. *Revista Brasileira De Ciencia Do Solo*, **2017**, 41,	1.5	2
28	Release of Phosphorus Forms from Cover Crop Residues in Agroecological No-Till Onion Production. *Revista Brasileira De Ciencia Do Solo*, **2017**, 41,	1.5	2
27	Nitrogen Transfer from Cover Crop Residues to Onion Grown under Minimum Tillage in Southern Brazil. *Revista Brasileira De Ciencia Do Solo*, **2017**, 41,	1.5	2
26	Correction of soil acidity in the subsurface of an oxisol with sandy loam texture under no-tillage. *Revista Brasileira De Ciencia Do Solo*, **2009**, 33, 659-667	1.5	2
25	Use of Swine Manure in Agriculture in Southern Brazil: Fertility or Potential Contamination?		2
24	Tolerance and phytoremediation potential of grass species native to South American grasslands to copper-contaminated soils. *International Journal of Phytoremediation*, **2021**, 23, 726-735	3.9	2
23	Contribution of Cover Crop Residue Decomposition to Peach Tree Nitrogen Nutrition. *Journal of Soil Science and Plant Nutrition*, **2021**, 21, 2124-2136	3.2	2
22	Samples disturbance overestimates phosphorus adsorption capacity in soils under long-term application of pig slurry. *Archives of Agronomy and Soil Science*, **2019**, 65, 1262-1272	2	2
21	Nitrogen availability in an apple orchard with weed management. *Ciencia Rural*, **2018**, 48,	1.3	2
20	Growth, biochemical response and nutritional status of Angico-Vermelho (Parapiptadenia rigida (Bentham) Brenan) under the application of soil amendment in Cu-contaminated soil. *International Journal of Phytoremediation*, **2018**, 20, 1380-1388	3.9	2
19	Copper and zinc fractions in the profile of an Inceptisol cultivated with apple in southern Brazil. *Bragantia*, **2018**, 77, 333-347	1.2	2
18	Phosphorus accumulation in a southern Brazilian Ultisol amended with pig manure for nine years. *Scientia Agricola*, **2021**, 78,	2.5	2
17	Nitrous Oxide Emissions in No-Tillage Onion (Allium cepa L.) Crops Are Increased by Oilseed Radish Cover Crop and Poultry Manure Application. *Revista Brasileira De Ciencia Do Solo*, **2019**, 43,	1.5	1
16	Diagnosis and management of nutrient constraints in grape **2020**, 693-710		1

15	Physiological responses of soybean (Glycine max (L.) Merrill) cultivars to copper excess. *Anais Da Academia Brasileira De Ciencias*, **2019**, 91, e20190121	1.4	1
14	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.. *Plant Physiology and Biochemistry*, **2021**, 171, 147-156	5.4	1
13	Aggregation index, carbon, nitrogen, and natural abundance of 13C and 15N in soil aggregates and bulk soil cultivated with onion under crop successions and rotations. *Soil Research*, **2020**, 58, 622	1.8	1
12	Annual and residual urea nitrogen contribution to the nutrition of peach trees (Prunus persica L.) grown under subtropical climate. *Scientia Horticulturae*, **2021**, 284, 110099	4.1	1
11	Increase in phosphorus concentration reduces the toxicity of copper in wheat roots (Triticum aestivum L.). *Journal of Plant Nutrition*,1-14	2.3	1
10	Physiological, Biochemical Changes, and Phytotoxicity Remediation in Agricultural Plant Species Cultivated in Soils Contaminated with Copper and Zinc **2018**, 29-76		1
9	Identification and phytoremediation potential of spontaneous species in vineyard soils contaminated with copper.. *International Journal of Phytoremediation*, **2022**, 24, 342-349	3.9	1
8	Throwing Copper Around: How Plants Control Uptake, Distribution, and Accumulation of Copper. *Agronomy*, **2022**, 12, 994	3.6	1
7	Kinetic parameters related to nitrogen uptake efficiency of pear trees (Pyrus communis). *Scientia Horticulturae*, **2020**, 272, 109530	4.1	0
6	Aggregation Index and Carbon and Nitrogen Contents in Aggregates of Pasture Soils under Successive Applications of Pig Slurry in Southern Brazil. *Agronomy*, **2022**, 12, 320	3.6	0
5	Physiological responses of beet and cabbage plants exposed to copper and their potential insertion in human food chain.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
4	Copper and Zinc fractions and adsorption in sandy soil with long-term pig manure application. *Archives of Agronomy and Soil Science*,1-17	2	0
3	Soil chemical properties and yield of onion crops grown for eight years under no-tillage system with cover crops. *Soil and Tillage Research*, **2021**, 208, 104897	6.5	0
2	PHOSPHORUS AND HEAVY METAL CONTENTS IN SMALL-SCALE COMPOSTING AREAS. *International Journal of Research -GRANTHAALAYAH*, **2020**, 8, 1-14	0.2	
1	The fate of pig slurry phosphorus applied to a sandy loam soil under no-till cropping in southern Brazil. *Geoderma*, **2022**, 422, 115931	6.7	