

Edson Campanhola Bortoluzzi

List of Publications by Year in descending order

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65
papers

1,034
citations

394421

19
h-index

454955

30
g-index

67
all docs

67
docs citations

67
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of iron and aluminum sesquioxides and their implications for the P sorption in subtropical soils. <i>Applied Clay Science</i> , 2015, 104, 196-204.	5.2	91
2	Alterações de atributos do solo pela calagem superficial e incorporada a partir de pastagem natural. <i>Revista Brasileira De Ciencia Do Solo</i> , 2000, 24, 797-805.	1.3	68
3	Basalt and rhyo-dacite weathering and soil clay formation under subtropical climate in southern Brazil. <i>Geoderma</i> , 2014, 235-236, 100-112.	5.1	60
4	Investigation of the occurrence of pesticide residues in rural wells and surface water following application to tobacco. <i>Quimica Nova</i> , 2007, 30, 1872-1876.	0.3	55
5	A study of potassium dynamics and mineralogy in soils from subtropical Brazilian lowlands. <i>Journal of Soils and Sediments</i> , 2012, 12, 185-197.	3.0	49
6	Contaminação de águas superficiais por agrotóxicos em função do uso do solo numa microbacia hidrográfica de Agudo, RS. <i>Revista Brasileira De Engenharia Agrícola E Ambiental</i> , 2006, 10, 881-887.	1.1	48
7	Impact of potassium fertilization and potassium uptake by plants on soil clay mineral assemblage in South Brazil. <i>Plant and Soil</i> , 2016, 406, 157-172.	3.7	38
8	Comparação de métodos de determinação de carbono orgânico total no solo. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 435-440.	1.3	34
9	Vermiculite, with hydroxy-aluminium interlayer, and kaolinite formation in a subtropical sandy soil from south Brazil. <i>Clay Minerals</i> , 2008, 43, 185-193.	0.6	33
10	Soybean root growth and crop yield in response to liming at the beginning of a no-tillage system. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014, 38, 262-271.	1.3	32
11	Urban sediment particle size and pollutants in Southern Brazil. <i>Journal of Soils and Sediments</i> , 2009, 9, 317-327.	3.0	31
12	The cation exchange capacity of a sandy soil in southern Brazil: an estimation of permanent and pH-dependent charges. <i>European Journal of Soil Science</i> , 2006, 57, 356-364.	3.9	28
13	Variability of amethyst mining waste: A mineralogical and geochemical approach to evaluate the potential use in agriculture. <i>Journal of Cleaner Production</i> , 2019, 210, 749-758.	9.3	25
14	Soil water dynamics related to the degree of compaction of two Brazilian oxisols under no-tillage. <i>Revista Brasileira De Ciencia Do Solo</i> , 2009, 33, 1097-1104.	1.3	24
15	Mineralogy and nutrient desorption of suspended sediments during a storm event. <i>Journal of Soils and Sediments</i> , 2013, 13, 1093-1105.	3.0	24
16	Transfer of Copper and Zinc from Soil to Grapevine-Derived Products in Young and Centenarian Vineyards. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	24
17	Impacts of anthropic pressures on soil phosphorus availability, concentration, and phosphorus forms in sediments in a Southern Brazilian watershed. <i>Journal of Soils and Sediments</i> , 2010, 10, 451-460.	3.0	23
18	Alterações na mineralogia de um argissolo do Rio Grande do Sul submetido à fertilização potássica. <i>Revista Brasileira De Ciencia Do Solo</i> , 2005, 29, 327-335.	1.3	23

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19	Evidences of soil geochemistry and mineralogy changes caused by eucalyptus rhizosphere. <i>Catena</i> , 2019, 175, 132-143.	5.0	22
20	Mineralogical changes caused by grape production in a regosol from subtropical Brazilian climate. <i>Journal of Soils and Sediments</i> , 2012, 12, 854-862.	3.0	19
21	Efeito do manejo mecânico da palhada de aveia preta sobre a cobertura, temperatura, teor de Água no solo e emergência da soja em sistema plantio direto. <i>Revista Brasileira De Ciencia Do Solo</i> , 2000, 24, 449-457.	1.3	18
22	Resposta de culturas à aplicação de enxofre e a teores de sulfato num solo de textura arenosa sob plantio direto. <i>Ciencia Rural</i> , 2005, 35, 562-569.	0.5	18
23	Interestratificado caulinita-esmectita em um argissolo desenvolvido a partir de rocha sedimentar do Sul do Brasil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2007, 31, 1291-1300.	1.3	18
24	Animal manure phosphorus characterization by sequential chemical fractionation, release kinetics and ³¹ P-NMR analysis. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014, 38, 1506-1514.	1.3	16
25	Geochemistry and mineralogy of southwestern Lake Superior sediments with an emphasis on phosphorus lability. <i>Journal of Soils and Sediments</i> , 2020, 20, 1060-1073.	3.0	16
26	Water and suspended sediment runoff from vineyard watersheds affecting the behavior and physiology of zebrafish. <i>Science of the Total Environment</i> , 2021, 757, 143794.	8.0	16
27	Mineralogia de partículas envolvidas na formação de gradiente textural em um argissolo subtropical. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 997-1007.	1.3	16
28	Aggregation of subtropical soil under liming: a study using laser diffraction. <i>Revista Brasileira De Ciencia Do Solo</i> , 2010, 34, 725-734.	1.3	13
29	The effect of the substitution of hydrated lime with phyllite on mortar quality. <i>Applied Clay Science</i> , 2015, 105-106, 113-117.	5.2	12
30	Distribution of copper and zinc fractions in a Regosol profile under centenary vineyard. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	12
31	Accumulation and Precipitation of Cu and Zn in a Centenarian Vineyard. <i>Soil Science Society of America Journal</i> , 2019, 83, 492-502.	2.2	11
32	Forms and balance of soil potassium from a long-term integrated crop-livestock system in a subtropical Oxisol. <i>Soil and Tillage Research</i> , 2021, 207, 104864.	5.6	11
33	Does Ferralsol Clay Mineralogy Maintain Potassium Long-Term Supply to Plants?. <i>Revista Brasileira De Ciencia Do Solo</i> , 0, 43, .	1.3	9
34	P-legacy effect of soluble fertilizer added with limestone and phosphate rock on grassland soil in subtropical climate region. <i>Soil and Tillage Research</i> , 2021, 211, 105021.	5.6	8
35	Sorption of Copper and Zinc from Aqueous Solution by Metabasalt Residue and its Mineralogical Behavior. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	7
36	Efeito da calagem na relação entre solo e Água. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 2621-2628.	1.3	7

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37	Porosidade e retenção de água em um argissolo sob manejos convencional e direto submetido a compressões unidimensionais. Revista Brasileira De Ciencia Do Solo, 2008, 32, 1447-1457.	1.3	6
38	Adsorção de fósforo em sedimentos e sua relação com a antrópica. Revista Brasileira De Ciencia Do Solo, 2008, 32, 2639-2646.	1.3	6
39	Qualidade de águas subterrâneas captadas em fontes em função da presença de proteção física e de sua posição na paisagem. Engenharia Agrícola, 2010, 30, 948-957.	0.7	6
40	Use of the <i>Glomus etunicatum</i> as biocontrol agent of the soybean cyst nematode. Research, Society and Development, 2021, 10, e7310615132.	0.1	6
41	Nanoparticles generated during volcanic rock exploitation: An overview. Journal of Environmental Chemical Engineering, 2021, 9, 106441.	6.7	6
42	Resposta de culturas à aplicação de calcário em superfície ou incorporado ao solo em campo nativo. Ciencia Rural, 2000, 30, 605-609.	0.5	6
43	Weirs Control Phosphorus Transfer in Agricultural Watersheds. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	4
44	Environmental agate mining impacts and potential use of agate residue in rangeland. Journal of Cleaner Production, 2021, 280, 124263.	9.3	4
45	Agronomic biofortification of rice and wheat with zinc: A metanalytical study. Research, Society and Development, 2021, 10, e39210615133.	0.1	4
46	MANEJO DA PALHA DE AVEIA PRETA SOBRE AS PLANTAS DANINHAS E RENDIMENTO DE SOJA EM SEMEADURA DIRETA. Ciencia Rural, 2001, 31, 237-243.	0.5	4
47	Contribuição de constituintes de solo à capacidade de troca de cátions obtida por diferentes métodos de extração. Revista Brasileira De Ciencia Do Solo, 2009, 33, 507-515.	1.3	3
48	Nutrient availability and pH level affect germination traits and seedling development of <i>Conyza canadensis</i> . Scientific Reports, 2021, 11, 15607.	3.3	3
49	Soil K forms and K budget in integrated crop-livestock systems in subtropical paddy fields. Soil and Tillage Research, 2021, 213, 105070.	5.6	3
50	Sorption of copper and zinc in metabasalt powder at different pH and contact times. International Journal of Environmental Engineering, 2021, 11, 93.	0.1	2
51	Adsorption of Pollutants from Liquid Swine Manure Through the Application of Metabasalt Rock Powder. Water, Air, and Soil Pollution, 2022, 233, .	2.4	2
52	Cobertura de solo e produção de porongo sob diferentes configurações de cultivo. Ciencia Rural, 2010, 40, 527-533.	0.5	1
53	Using White Star (<i>Nymphoides humboldtiana</i>) for lake landscaping. Horticultura Brasileira, 2019, 37, 133-137.	0.5	1
54	Microorganisms in the biological control of root-knot nematode: A metanalytical study. Research, Society and Development, 2021, 10, e39310615209.	0.1	1

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55	GOURD (<i>LAGENARIA SICERARIA</i> (MOL.) STANDL) SEEDLING PRODUCTION AND TRANSPLANTING IN DIFFERENT CONTAINERS / PRODUÇÃO E TRANSPLANTE DE MUDAS DE PORONGO (<i>LAGENARIA SICERARIA</i> (MOL.) STANDL) EM DIFERENTES RECIPIENTES. <i>Brazilian Journal of Development</i> , 2021, 7, 21502-21516.	0.1	1
56	Qualidade do leite de propriedades familiares praticantes de integração lavoura-pecuária em função do uso do solo. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2013, 65, 1217-1222.	0.4	1
57	Effect of diversified cropping systems on crop yield, legacy, and budget of potassium in a subtropical Oxisol. <i>Field Crops Research</i> , 2022, 275, 108342.	5.1	1
58	Sorption of copper and zinc in metabasalt powder at different pH and contact times. <i>International Journal of Environmental Engineering</i> , 2021, 11, 93.	0.1	1
59	Composição centesimal e perfil dos ácidos graxos de sementes de porongo. <i>Ciencia Rural</i> , 2014, 44, 31-36.	0.5	0
60	Use of rock dust in <i>Verbena</i> — <i>hybrida</i> propagation for landscape use. <i>Acta Horticulturae</i> , 2016, , 181-186.	0.2	0
61	Ornamental and landscape plasticity and potential of <i>Glandularia peruviana</i> (L.) Small. <i>Acta Horticulturae</i> , 2017, , 167-170.	0.2	0
62	Phytosociology and soil attributes in an <i>Araucaria</i> forest in southern Brazil. <i>Acta Horticulturae</i> , 2017, , 359-362.	0.2	0
63	Vineyard Accumulation and Precipitation of Copper and Zinc. <i>CSA News</i> , 2019, 64, 12-12.	0.0	0
64	Viabilidade técnica do uso de receptores GPS de navegação para fins de amostragem sistemática de solo. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011, 35, 351-357.	1.3	0
65	Macrophyte Occurrence in Response to Anthropogenic Pressure in Reservoir. <i>Fronteiras</i> , 2018, 6, 220.	0.1	0