Ronny Sobreira Barbosa

List of Publications by Year
in descending order

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34	379	933447 10	794594 19
papers	citations	h-index	g-index

34	34	34	454
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of traffic control on the soil physical quality and the cultivation of sugarcane. Revista Brasileira De Ciencia Do Solo, 2014, 38, 135-146.	1.3	63
2	Mapping of clay, iron oxide and adsorbed phosphate in Oxisols using diffuse reflectance spectroscopy. Geoderma, 2015, 251-252, 124-132.	5.1	49
3	Controle de trÃ¡fego agrÃcola e atributos fÃsicos do solo em Ã¡rea cultivada com cana-de-aÃ§Ãºcar. Pesquisa Agropecuaria Brasileira, 2010, 45, 744-750.	0.9	32
4	Compressibilidade do solo e sistema radicular da canaâ€‘deâ€‘aÃ§Ãºcar em manejo com e sem controle de trÃ¡fego. Pesquisa Agropecuaria Brasileira, 2012, 47, 603-612.	0.9	32
5	Soil, water and nutrient losses by interrill erosion from green cane cultivation. Revista Brasileira De Ciencia Do Solo, 2012, 36, 963-970.	1.3	27
6	Prediction and mapping of erodibility factors (USLE and WEPP) by magnetic susceptibility in basalt-derived soils in northeastern SÃ£o Paulo state, Brazil. Environmental Earth Sciences, 2019, 78, 1.	2.7	22
7	Sampling density and proportion for the characterization of the variability of Oxisol attributes on different materials. Geoderma, 2014, 232-234, 172-182.	5.1	21
8	GÃªnese de solos coesos do leste maranhense: relaÃ§Ã£o solo-paisagem. Revista Brasileira De Ciencia Do Solo, 2014, 38, 1039-1050.	1.3	14
9	Mapeamento do fÃ³sforo adsorvido por meio da cor e da suscetibilidade magnÃ©tica do solo. Pesquisa Agropecuaria Brasileira, 2015, 50, 259-266.	0.9	13
10	Suscetibilidade magnÃ©tica do solo e estimaÃ§Ã£o da capacidade de suporte Ã aplicaÃ§Ã£o de vinhaÃ§a. Pesquisa Agropecuaria Brasileira, 2013, 48, 661-672.	0.9	10
11	Geochemistry and Spatial Variability of Rare Earth Elements in Soils under Different Geological and Climate Patterns of the Brazilian Northeast. Revista Brasileira De Ciencia Do Solo, 2018, 42, .	1.3	10
12	C and P pool restoration by a no-tillage system on Brazilian Cerrado Oxisol in PiauÃ-State. Environmental Monitoring and Assessment, 2020, 192, 254.	2.7	9
13	Plantas de cobertura e qualidade quÃmica de Latossolo Amarelo sob plantio direto no cerrado maranhense. Revista Brasileira De Engenharia Agricola E Ambiental, 2013, 17, 371-378.	1.1	9
14	Coeficiente de erodibilidade em sulcos e entressulcosde Argissolos coesos estimado pela cor do solo. Pesquisa Agropecuaria Brasileira, 2014, 49, 700-707.	0.9	8
15	Watershed scale assessment of rare earth elements in soils derived from sedimentary rocks. Environmental Monitoring and Assessment, 2019, 191, 514.	2.7	8
16	Distribution of rare earth elements in soils of contrasting geological and pedological settings to support human health assessment and environmental policies. Environmental Geochemistry and Health, 2022, 44, 861-872.	3.4	8
17	Combining geospatial analyses to optimize quality reference values of rare earth elements in soils. Environmental Monitoring and Assessment, 2020, 192, 453.	2.7	7
18	EspacializaÃ§Ã£o do intervalo hÃdrico Ã³timo de um Latossolo Vermelho em dois sistemas de colheita de cana-de-aÃ§Ãºcar. Pesquisa Agropecuaria Brasileira, 2013, 48, 651-660.	0.9	6

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19	Soil spectral library of PiauÃ-State using machine learning for laboratory analysis in Northeastern Brazil. Revista Brasileira De Ciencia Do Solo, 2021, 45, .	1.3	5
20	Soil macrofauna associated with cover crops in an Oxisol from the southwest of PiauÃ-state, Brazil. Arquivos Do Instituto Biologico, 0, 87, .	0.4	4
21	Evaluation of forage potential of tropical grasses under different potassium application times. Communications in Soil Science and Plant Analysis, 2021, 52, 551-562.	1.4	3
22	Are Chemical Properties of the Soil Influenced by Cover Crops in the Cerrado/Caatinga Ecotone?. Communications in Soil Science and Plant Analysis, 2022, 53, 89-103.	1.4	3
23	Subsoiling of an oxisol at fixed and varying depth in areas under sugarcane. Precision Agriculture, 2020, 21, 1351-1365.	6.0	3
24	Agricultural potential and soil use based on the pedogenetic properties of soils from the cerrado-caatinga transition. Semina:Ciencias Agrarias, 2020, 41, 1119.	0.3	3
25	Color parameters applied to pedotransfer functions in the estimation of soil attributes. Semina:Ciencias Agrarias, 2018, 39, 1479.	0.3	2
26	Quality reference values for rare earth elements in soils from one of the last agricultural frontiers in Brazil. Scientia Agricola, 2021, 78, .	1.2	2
27	Atributos fÃsicos do solo e sistema radicular em citros sob diferentes preparos. Revista De CiÃªncias AgrÃ¡rias, 2014, 57, 342-350.	0.1	1
28	Genesis of sandstone-derived soils in the Cerrado of the PiauÃ-State, Brazil. Revista Ambiente & Ãgua, 2019, 14, 1.	0.3	1
29	Root System and Its Relations with Soil Physical and Chemical Attributes in Orange Culture. Applied Sciences (Switzerland), 2021, 11, 1790.	2.5	1
30	AnÃ¡lise espacial da mosca-negra em sistema agroflorestal de citros. Comunicata Scientiae, 2015, 6, 350.	0.4	1
31	Mid-Infrared Spectrum Analysis for Mapping Attributes of Cohesive Soils in Brazil. Communications in Soil Science and Plant Analysis, 2022, 53, 1277-1293.	1.4	1
32	Phosphorus in soils and fluvial sediments from a Cerrado biome watershed under agricultural expansion. Environmental Monitoring and Assessment, 2022, 194, 388.	2.7	1
33	VARIABILIDADE DE MICRONUTRIENTES EM NEOSSOLOS DE ORIGEM ARENÃTICA NA SOB MATA NATIVA. , 0, , .		0
34	Potentially toxic elements and rare earth elements in sandy soils from the Brazilian Cerrado. Environmental Monitoring and Assessment, 2021, 193, 780.	2.7	0