Samuel De Assis Silva

List of Publications by Year
in descending order

64 papers	398 citations	11 h-index 840776	16 g-index 940533
64 all docs	64 docs citations	64 times ranked	423 citing authors

#	Article	IF	Citations
1	Apparent soil electrical conductivity in the delineation of management zones for cocoa cultivation. Information Processing in Agriculture, 2022, 9, 443-455.	4.1	3
2	Low-cost system for radiometric calibration of UAV-based multispectral imagery. Journal of Spatial Science, 2022, 67, 395-409.	1.5	10
3	Effect of altitude and terrain aspect on the chemical composition of *Coffea canephora* cherries and sensory characteristics of the beverage. Journal of the Science of Food and Agriculture, 2021, 101, 2570-2575.	3.5	13
4	Fuzzy Mapping of Climate Favorability for the Cultivation of Conilon Coffee in the State of Bahia, Brazil. International Journal of Fruit Science, 2021, 21, 205-217.	2.4	1
5	Spatial variability of the nutritional status and the leaf chlorophyll index of from rubber tree. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20191336.	0.8	2
6	Microbial diversity and chemical characteristics of Coffea canephora grown in different environments and processed by dry method. World Journal of Microbiology and Biotechnology, 2021, 37, 51.	3.6	14
7	Fuzzy Classification in Mapping the Nutritional Status of Coffea Canephora. Communications in Soil Science and Plant Analysis, 2021, 52, 2304-2317.	1.4	1
8	Spatial and temporal behavior of coffee rust in C. canephora and its effects on crop yield. European Journal of Plant Pathology, 2021, 161, 677-692.	1.7	3
9	Fermentation of Coffea canephora inoculated with yeasts: Microbiological, chemical, and sensory characteristics. Food Microbiology, 2021, 98, 103786.	4.2	20
10	Spatial-temporal variability of rainfall and mean air temperature for the state of Bahia, Brazil. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20181283.	0.8	4
11	Climatic characterization and evaluation of the need for supplementary irrigation for cacao in southern Bahia, Brazil. Agronomia Colombiana, 2020, 38, 272-279.	0.5	0
12	Eradication of eucalyptus sprouts after chemical weeding over time in State of Bahia, Brazil. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20190601.	0.8	0
13	Using multivariate analysis to design management zones. CientÃfica, 2020, 48, 25.	0.2	0
14	Fuzzy modeling of the risk of cacao moniliasis occurrence in Bahia state, Brazil. Revista Brasileira De Engenharia Agricola E Ambiental, 2020, 24, 225-230.	1.1	1
15	FUZZY LOGIC IN THE SPATIAL AND TEMPORAL DISTRIBUTION IN THE QUALITY OF THE BEVERAGE IN CONILON COFFEE. Coffee Science, 2019, 14, 163.	0.5	2
16	Spatial-temporal variability of leaf chlorophyll and its relationship with cocoa yield. Revista Brasileira De Engenharia Agricola E Ambiental, 2018, 22, 164-169.	1.1	2
17	Monitoring of eucalyptus sprouts control using digital images obtained by unmanned aerial vehicle. Journal of Sustainable Forestry, 2018, 37, 739-752.	1.4	8
18	DISTRIBUIÃ‡ÃƒO E INCERTEZA DA PRECIPITAÃ‡ÃƒO PLUVIOMÃ‰TRICA E DO POTENCIAL EROSIVO DAS CHUVAS PARA O ESTADO DA BAHIA, BRASIL. Revista Engenharia Na Agricultura - REVENG, 2018, 26, 149-159.	0.2	4

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19	FUZZY LOGIC AND CLUSTER ANALYSIS IN THE QUALITY OF THE BEVERAGE FROM CONILON COFFEE. Coffee Science, 2018, 13, 439.	0.5	4
20	Fuzzy logic and geostatistics in studying the fertility of soil cultivated with the rubber tree. Revista Ciencia Agronomica, 2018, 49, .	0.3	4
21	Use of the Integrated Diagnosis and Recommendation System and Sufficiency Band for Nutritional Status of Conilon Coffee. Journal of Experimental Agriculture International, 2018, 22, 1-7.	0.5	2
22	Spatial Variability of Deviation from Optimum Percentage in Conilon Coffee. Journal of Experimental Agriculture International, 2018, 23, 1-11.	0.5	3
23	VARIABILIDADE ESPACIAL DA FERTILIDADE DE UM SOLO CULTIVADO COM CACAUEIRO. Revista Engenharia Na Agricultura - REVENG, 2018, 26, 178-189.	0.2	2
24	Nutritional Status of Isabel and Niagara Rosada Vines with Integrated Diagnosis and Recommendation System (DRIS) and Ranges of Sufficiency. Journal of Experimental Agriculture International, 2018, 22, 1-10.	0.5	0
25	Spatial distribution of physical attributes of an Ultisol under papaya crop. Comunicata Scientiae, 2018, 8, 526-536.	0.4	0
26	Spatial Distribution of Rubber Tree Dendrometrics Variables and Soil Chemical Attributes. Journal of Experimental Agriculture International, 2018, 23, 1-13.	0.5	0
27	Spacial Variability of Balanced Indexes of Kenworthy(BIK) for Macro and Micronutrients on the Coffee Canephora. Journal of Experimental Agriculture International, 2018, 23, 1-10.	0.5	0
28	Spatial Correlation between Eucalyptus Diameter at Breast High and Particle Size Fractions of an Oxisol. Journal of Experimental Agriculture International, 2018, 23, 1-10.	0.5	0
29	Influence of Climate, Soil, Topography and Variety on the Terroir and on Coffee Quality. Journal of Experimental Agriculture International, 2018, 24, 1-15.	0.5	3
30	ALTERNATIVA PARA CONTROLE DE PLANTAS DANINHAS POR MEIO DE CAPINA ELÉTRICA EM SISTEMAS SILVICULTURAIS. Revista Brasileira De Engenharia E Sustentabilidade, 2018, 5, 33.	0.1	0
31	PROBABILITY OF PARTICLE-SIZE FRACTIONS OCCURRENCE IN DIFFERENT LANDFORMS. Revista Engenharia Na Agricultura - REVENG, 2018, 26, 352-359.	0.2	0
32	Espectro de gotas e distribuição de calda herbicida associada a fertilizante foliar em áreas de reforma florestal. Scientia Forestalis/Forest Sciences, 2018, 46, .	0.2	1
33	Spatial variability of soil fertility and its relation with cocoa yield. Revista Brasileira De Engenharia Agricola E Ambiental, 2017, 21, 88-93.	1.1	13
34	Estimativa da produtividade de café conilon utilizando técnicas de cokrigagem. Revista Ceres, 2016, 63, 54-61.	0.4	8
35	Cacao Crop Management Zones Determination Based on Soil Properties and Crop Yield. Revista Brasileira De Ciencia Do Solo, 2016, 40, .	1.3	7
36	Mapping the potential beverage quality of coffee produced in the Zona da Mata, Minas Gerais, Brazil. Journal of the Science of Food and Agriculture, 2016, 96, 3098-3108.	3.5	19

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37	Fuzzy Classification in the Determination of Input Application Zones. Revista Brasileira De Ciencia Do Solo, 2016, 40, .	1.3	2
38	Characterization and delimitation of the terroir coffee in plantations in the municipal district of Araponga, Minas Gerais, Brazil. Revista Ciencia Agronomica, 2014, 45, 18-26.	0.3	12
39	Spatial estimation of foliar phosphorus in different species of the genus Coffea based on soil properties. Revista Brasileira De Ciencia Do Solo, 2014, 38, 1439-1447.	1.3	6
40	Coffee quality and its relationship with Brix degree and colorimetric information of coffee cherries. Precision Agriculture, 2014, 15, 543-554.	6.0	17
41	Spatial distribution of physiological quality of ArÃ¡bica coffee seeds to cultivate Catuai. Idesia, 2014, 32, 65-74.	0.3	4
42	Yield mapping of arabic coffee and their relationship with plant nutritional status. Journal of Soil Science and Plant Nutrition, 2013, , 0-0.	3.4	5
43	Variabilidade espacial de atributos quÃmicos de um Latossolo Vermelho-Amarelo cultivado em plantio direto. Revista Ciencia Agronomica, 2013, 44, 16-23.	0.3	21
44	RelaÃ§Ã£o espacial entre o estoque de nutrientes e a densidade de solo cultivado com cafeeiro. Pesquisa Agropecuaria Tropical, 2013, 43, 377-384.	1.0	4
45	DistribuiÃ§Ã£o espacial da matÃ©ria orgÃ¢nica, grau de floculaÃ§Ã£o e argila dispersa em Ã¡gua em Ã¡rea de vegetaÃ§Ã£o natural em regeneraÃ§Ã£o e pastagem. Revista Arvore, 2013, 37, 539-546.	0.5	4
46	Multivariate analysis and geostatistics of the fertility of a humic rhodic hapludox under coffee cultivation. Revista Brasileira De Ciencia Do Solo, 2012, 36, 467-474.	1.3	16
47	Spatial variability of particle size fractions of an Oxisol cultivated with conilon coffee. Revista Ceres, 2012, 59, 867-872.	0.4	3
48	AvaliaÃ§Ã£o da variabilidade do estado nutricional e produtividade de cafÃ© por meio da anÃ¡lise de componentes principais e geoestatÃstica. Revista Ceres, 2012, 59, 271-277.	0.4	13
49	NÃºmero de postos pluviomÃ©tricos necessÃ¡rios para a estimativa da precipitaÃ§Ã£o mensal no estado do EspÃrito Santo, Brasil. Revista Brasileira De Meteorologia, 2011, 26, 555-560.	0.5	2
50	Spatial variability in nutritional status of arabic coffee based on dris index. Revista Ceres, 2011, 58, 256-261.	0.4	7
51	Cokrigagem na estimativa dos teores de Ca e Mg em um Latossolo Vermelho distrofÃ©rrico. Revista Ciencia Agronomica, 2011, 42, 821-828.	0.3	8
52	Variabilidade espacial da precipitaÃ§Ã£o pluviomÃ©trica para o Estado do EspÃrito Santo utilizando mÃ©todos multivariados. Revista Brasileirade Ciencias Agrarias, 2011, 6, 703-709.	0.2	3
53	VARIABILIDADE ESPACIAL DO POTENCIAL EROSIVO DAS CHUVAS PARA O ESTADO DO ESPÃRITO SANTO, BRASIL. Irriga, 2010, 15, 312-323.	0.1	5
54	Estudo da fertilidade de um Latossolo Vermelho-Amarelo hÃºmico sob cultivo de cafÃ© arÃ¡bica por meio de geoestatÃstica. Revista Ceres, 2010, 57, 560-567.	0.4	16

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55	Variabilidade espacial de atributos químicos de um Latossolo Vermelho-Amarelo húmico cultivado com café. Revista Brasileira De Ciencia Do Solo, 2010, 34, 15-22.	1.3	36
56	Amostragem e variabilidade espacial de atributos químicos do solo em área de vegetação natural em regeneração. Revista Arvore, 2010, 34, 127-136.	0.5	18
57	Distribuição e incerteza da acidez de um latossolo vermelho-amarelo húmico sob cultivo de café. Revista Brasileira De Ciencia Do Solo, 2009, 33, 1053-1060.	1.3	2
58	Produção de mudas de essências florestais em diferentes substratos e acompanhamento do desenvolvimento em campo. Ciencia E Agrotecnologia, 2008, 32, 122-128.	1.5	11
59	Variabilidade espacial de atributos químicos em um Argissolo sob pastagem. Acta Scientiarum - Agronomy, 2008, 30, .	0.6	17
60	Comparação entre métodos de amostragem do solo para recomendação de calagem e adubação do cafeeiro conilon. Engenharia Agricola, 2008, 28, 176-186.	0.7	5
61	Canonical Correlation between Soil Attributes and Foliar of Conilon Coffee Trees. Journal of Experimental Agriculture International, 0, , 1-14.	0.5	5
62	Using unmanned aerial vehicle for identifying the vegetative vigor and quantify the area occupied by eucalyptus sprouts after chemical weeding in the state of Bahia, Brazil. Emirates Journal of Food and Agriculture, 0, , 165.	1.0	1
63	'Niágara Rosada' and 'Isabel' grapes quality cultivated in different altitudes in the state of Espírito Santo, Brazil. Emirates Journal of Food and Agriculture, 0, , 1014.	1.0	0
64	Quality of Coffea canephora beverage as a function of genotype, processing method and grain size. Coffee Science, 0, 15, 1-6.	0.5	1