Paulo Eduardo Teodoro

List of Publications by Year
in descending order

302 papers	2,568 citations	304368 22 h-index	395343 33 g-index
304 all docs	304 docs citations	304 times ranked	2137 citing authors

#	Article	IF	Citations
1	Siloâ€"dryerâ€"aerator in fixed and thick layer conceptualized for high quality of grains applied in different social scales post-harvest: modeling and validation. Drying Technology, 2022, 40, 1369-1394.	1.7	13
2	Effects of drying temperatures and storage conditions on the levels of lipids and starches in corn grains for yield ethanol industry. Biofuels, 2022, 13, 745-754.	1.4	5
3	Variable-rate seeding in soybean according to soil attributes related to grain yield. Precision Agriculture, 2022, 23, 35-51.	3.1	7
4	Genetic diversity and population structure in Jatropha (Jatropha curcas L.) based on molecular markers. Genetic Resources and Crop Evolution, 2022, 69, 245-254.	0.8	3
5	High-throughput phenotyping of two plant-size traits of Eucalyptus species using neural networks. Journal of Forestry Research, 2022, 33, 591-599.	1.7	11
6	Genotype plus genotype by-environment interaction biplot and genetic diversity analyses on multi-environment trials data of yield and technological traits of cotton cultivars. Ciencia Rural, 2022, 52, .	0.3	2
7	The influence of urban expansion in the socio-economic, demographic, and environmental indicators in the City of Arapiraca-Alagoas, Brazil. Remote Sensing Applications: Society and Environment, 2022, 25, 100662.	0.8	6
8	Structure and genetic diversity of macauba [Acrocomia aculeata (Jacq.) Lodd. ex Mart.] approached by SNP markers to assist breeding strategies. Genetic Resources and Crop Evolution, 2022, 69, 1179-1191.	0.8	7
9	The fewer, the better fare: Can the loss of vegetation in the Cerrado drive the increase in dengue fever cases infection?. PLoS ONE, 2022, 17, e0262473.	1.1	4
10	The â€œNew Transamazonian Highwayâ€ BR-319 and Its Current Environmental Degradation. Sustainability, 2022, 14, 823.	1.6	6
11	Fires Drive Long-Term Environmental Degradation in the Amazon Basin. Remote Sensing, 2022, 14, 338.	1.8	14
12	Twenty-year impact of fire foci and its relationship with climate variables in Brazilian regions. Environmental Monitoring and Assessment, 2022, 194, 90.	1.3	6
13	Produtividade de grÃ£os da soja em funÃ§Ã£o da aplicaÃ§Ã£o superficial e residual de calcÃ¡rio. Research, Society and Development, 2022, 11, e16911225569.	0.0	0
14	High-throughput phenotyping allows the selection of soybean genotypes for earliness and high grain yield. Plant Methods, 2022, 18, 13.	1.9	10
15	Artificial neural networks and non-linear regression for quantifying the wood volume in Eucalyptus species. Southern Forests, 2022, 84, 1-7.	0.2	2
16	Towards a software architecture to manage occupational safety at grain handling and storage facilities. Scientific Reports, 2022, 12, 2612.	1.6	3
17	Stationary rice drying: Influence of initial moisture contents and impurities in the mass grains on the physicochemical and morphological rice quality. Journal of Food Processing and Preservation, 2022, 46, .	0.9	7
18	Structural equation modelling and factor analysis of the relationship between agronomic traits and vegetation indices in corn. Euphytica, 2022, 218, 1.	0.6	4

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19	Amazonian species evaluation using leaf-based spectroscopy data and dimensionality reduction approaches. Remote Sensing Applications: Society and Environment, 2022, 26, 100742.	0.8	0
20	Reduction of pesticide application via real-time precision spraying. Scientific Reports, 2022, 12, 5638.	1.6	17
21	Impacts of saline stress on the physiology of *Saccharum* complex genotypes. Journal of Agronomy and Crop Science, 2022, 208, 120-126.	1.7	1
22	Breeding strategies to consolidate canola among the main crops for biofuels. Euphytica, 2022, 218, 1.	0.6	2
23	Using Remote Sensing to Quantify the Joint Effects of Climate and Land Use/Land Cover Changes on the Caatinga Biome of Northeast Brazilian. Remote Sensing, 2022, 14, 1911.	1.8	36
24	Fire risk associated with landscape changes, climatic events and remote sensing in the Atlantic Forest using ARIMA model. Remote Sensing Applications: Society and Environment, 2022, 26, 100761.	0.8	3
25	Carbon dioxide spatial variability and dynamics for contrasting land uses in central Brazil agricultural frontier from remote sensing data. Journal of South American Earth Sciences, 2022, 116, 103809.	0.6	12
26	CO2Flux Model Assessment and Comparison between an Airborne Hyperspectral Sensor and Orbital Multispectral Imagery in Southern Amazonia. Sustainability, 2022, 14, 5458.	1.6	5
27	Real-time equilibrium moisture content monitoring to predict grain quality of corn stored in silo and raffia bags. Journal of Food Process Engineering, 2022, 45, .	1.5	14
28	Predicting the quality of soybean seeds stored in different environments and packaging using machine learning. Scientific Reports, 2022, 12, .	1.6	7
29	Spatiotemporal Analysis of Fire Foci and Environmental Degradation in the Biomes of Northeastern Brazil. Sustainability, 2022, 14, 6935.	1.6	11
30	Soybean Cultivars Identification Using Remotely Sensed Image and Machine Learning Models. Sustainability, 2022, 14, 7125.	1.6	8
31	Environmental dynamics of the Juruá watershed in the Amazon. Environment, Development and Sustainability, 2021, 23, 6769-6785.	2.7	6
32	Estimating spray application rates in cotton using multispectral vegetation indices obtained using an unmanned aerial vehicle. Crop Protection, 2021, 140, 105407.	1.0	8
33	Multivariate adaptability and stability of soya bean genotypes for abiotic stresses. Journal of Agronomy and Crop Science, 2021, 207, 354-361.	1.7	7
34	Physiological performance of soybean genotypes grown under irrigated and rainfed conditions. Journal of Agronomy and Crop Science, 2021, 207, 34-43.	1.7	19
35	Rainfall extremes and drought in Northeast Brazil and its relationship with El Niño–Southern Oscillation. International Journal of Climatology, 2021, 41, E2111.	1.5	43
36	Physiological response and earliness of soybean genotypes to soil base saturation conditions. Journal of Agronomy and Crop Science, 2021, 207, 163-169.	1.7	4

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37	Adaptability and Genotypic Stability of Sweet Sorghum in the Brazilian Cerrado. Sugar Tech, 2021, 23, 38-44.	0.9	2
38	Models for optimizing selection based on adaptability and stability of cotton genotypes. Ciencia Rural, 2021, 51, .	0.3	5
39	Temporal record and spatial distribution of fire foci in State of Minas Gerais, Brazil. Journal of Environmental Management, 2021, 280, 111707.	3.8	10
40	Confronting <scp>CHIRPS</scp> dataset and in situ stations in the detection of wet and drought conditions in the Brazilian Midwest. International Journal of Climatology, 2021, 41, 4478-4493.	1.5	25
41	Genotype Ã— trait biplot and canonical correlations for spectral and agronomic traits in corn. Agronomy Journal, 2021, 113, 1197-1204.	0.9	7
42	Rainfall in Brazilian Northeast via in situ data and CHELSA product: mapping, trends, and socio-environmental implications. Environmental Monitoring and Assessment, 2021, 193, 263.	1.3	14
43	Predicting Eucalyptus Diameter at Breast Height and Total Height with UAV-Based Spectral Indices and Machine Learning. Forests, 2021, 12, 582.	0.9	9
44	Macronutrient deficiency in cucumber plants: impacts in nutrition, growth and symptoms. Journal of Plant Nutrition, 2021, 44, 2609-2626.	0.9	10
45	Variable-rate in corn sowing for maximizing grain yield. Scientific Reports, 2021, 11, 12711.	1.6	3
46	Identification of megaâ€environments for grain sorghum in Brazil using GGE biplot methodology. Agronomy Journal, 2021, 113, 3019-3030.	0.9	12
47	Increasing selection gain and accuracy of harvest prediction models in Jatropha through genome-wide selection. Scientific Reports, 2021, 11, 13583.	1.6	1
48	Highâ€throughput phenotyping of soybean genotypes under base saturation stress conditions. Journal of Agronomy and Crop Science, 2021, 207, 814-822.	1.7	3
49	Response of photomorphogenic tomato mutants to nutrient omissions. Acta Physiologiae Plantarum, 2021, 43, 1.	1.0	1
50	Silicon mitigates nutritional stress in quinoa (Chenopodium quinoa Willd.). Scientific Reports, 2021, 11, 14665.	1.6	20
51	Effects of cultivars and fertilization levels on the quality of brown and polished rice. Cereal Chemistry, 2021, 98, 1238-1249.	1.1	4
52	Using combining ability as a strategy of upland cotton selection for high fiber quality. Euphytica, 2021, 217, 1.	0.6	0
53	Is it possible to detect boron deficiency in eucalyptus using hyper and multispectral sensors?. Infrared Physics and Technology, 2021, 116, 103810.	1.3	7
54	Vegetation degradation in ENSO events: Drought assessment, soil use and vegetation evapotranspiration in the Western Brazilian Amazon. Remote Sensing Applications: Society and Environment, 2021, 23, 100531.	0.8	4

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55	Adaptability and stability of soybean cultivars in the region of ChapadÃµes. Revista Ceres, 2021, 68, 326-332.	0.1	0
56	Application of remote sensing in environmental impact assessment: a case study of dam rupture in Brumadinho, Minas Gerais, Brazil. Environmental Monitoring and Assessment, 2021, 193, 606.	1.3	2
57	UAV-based multispectral sensor to measure variations in corn as a function of nitrogen topdressing. Remote Sensing Applications: Society and Environment, 2021, 23, 100534.	0.8	4
58	Effects of cultivars and fertilization levels on the quality of rice milling: A diagnosis using near-infrared spectroscopy, X-ray diffraction, and scanning electron microscopy. Food Research International, 2021, 147, 110524.	2.9	15
59	Correlation of physical properties for establishments of standardized groups of soybean seed technologies in post-harvest. Journal of Stored Products Research, 2021, 93, 101854.	1.2	4
60	Recent trends in the fire dynamics in Brazilian Legal Amazon: Interaction between the ENSO phenomenon, climate and land use. Environmental Development, 2021, 39, 100648.	1.8	14
61	Analysis of environmental degradation in MaceiÃ³-Alagoas, Brazil via orbital sensors: A proposal for landscape intervention based on urban afforestation. Remote Sensing Applications: Society and Environment, 2021, 24, 100621.	0.8	2
62	Effects of intermittent drying on physicochemical and morphological quality of rice and endosperm of milled brown rice. LWT - Food Science and Technology, 2021, 152, 112334.	2.5	19
63	Soybean productivity, stability, and adaptability through mixed model methodology. Ciencia Rural, 2021, 51, .	0.3	5
64	Evaluation of the MOD11A2 product for canopy temperature monitoring in the Brazilian Atlantic Forest. Environmental Monitoring and Assessment, 2021, 193, 45.	1.3	6
65	Influential Points in Adaptability and Stability Methods Based on Regression Models in Cotton Genotypes. Agronomy, 2021, 11, 2179.	1.3	3
66	Fire foci in South America: Impact and causes, fire hazard and future scenarios. Journal of South American Earth Sciences, 2021, 112, 103623.	0.6	7
67	Advance of soy commodity in the southern Amazonia with deforestation via PRODES and ImazonGeo: a moratorium-based approach. Scientific Reports, 2021, 11, 21792.	1.6	5
68	Predicting Days to Maturity, Plant Height, and Grain Yield in Soybean: A Machine and Deep Learning Approach Using Multispectral Data. Remote Sensing, 2021, 13, 4632.	1.8	22
69	Mathematical modeling and multivariate analysis applied earliest soybean harvest associated drying and storage conditions and influences on physicochemical grain quality. Scientific Reports, 2021, 11, 23287.	1.6	10
70	The forests in the indigenous lands in Brazil in peril. Land Use Policy, 2020, 90, 104258.	2.5	31
71	Woody biomass accumulation in a Cerrado of Central Brazil monitored for 27â€¯years after the implementation of silvicultural systems. Forest Ecology and Management, 2020, 455, 117718.	1.4	7
72	Mapping soybean planting area in midwest Brazil with remotely sensed images and phenology-based algorithm using the Google Earth Engine platform. Computers and Electronics in Agriculture, 2020, 169, 105194.	3.7	29

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73	The use of vegetation index via remote sensing allows estimation of soybean application rate. Remote Sensing Applications: Society and Environment, 2020, 17, 100279.	0.8	0
74	Past and future assessment of vegetation activity for the state of Amazonas-Brazil. Remote Sensing Applications: Society and Environment, 2020, 17, 100278.	0.8	8
75	Genetic diversity of Brazil nut tree (Bertholletia excelsa Bonpl.) in southern Brazilian Amazon. Forest Ecology and Management, 2020, 458, 117795.	1.4	24
76	Fire foci related to rainfall and biomes of the state of Mato Grosso do Sul, Brazil. Agricultural and Forest Meteorology, 2020, 282-283, 107861.	1.9	28
77	Multi-volume modeling of Eucalyptus trees using regression and artificial neural networks. PLoS ONE, 2020, 15, e0238703.	1.1	8
78	Soybean seed storage: Packaging technologies and conditions of storage environments. Journal of Stored Products Research, 2020, 89, 101709.	1.2	20
79	Correlation using multivariate analysis and control of drying and storage conditions of sunflower grains on the quality of the extracted vegetable oil. Journal of Food Processing and Preservation, 2020, 44, e14961.	0.9	13
80	Fire regime in Southern Brazil driven by atmospheric variation and vegetation cover. Agricultural and Forest Meteorology, 2020, 295, 108194.	1.9	10
81	Persistent fire foci in all biomes undermine the Paris Agreement in Brazil. Scientific Reports, 2020, 10, 16246.	1.6	55
82	How does water and salt stress affect the germination and initial growth of Brazilian soya bean cultivars?. Journal of Agronomy and Crop Science, 2020, 206, 837-850.	1.7	5
83	A random forest ranking approach to predict yield in maize with uav-based vegetation spectral indices. Computers and Electronics in Agriculture, 2020, 178, 105791.	3.7	122
84	Multi-trait multi-environment diallel analyses for maize breeding. Euphytica, 2020, 216, 1.	0.6	9
85	Reaction normsâ€based approach applied to optimizing recommendations of cotton genotypes. Agronomy Journal, 2020, 112, 4613-4623.	0.9	6
86	Influences of drying temperature and storage conditions for preserving the quality of maize postharvest on laboratory and field scales. Scientific Reports, 2020, 10, 22006.	1.6	36
87	Leaf Nitrogen Concentration and Plant Height Prediction for Maize Using UAV-Based Multispectral Imagery and Machine Learning Techniques. Remote Sensing, 2020, 12, 3237.	1.8	68
88	Selectivity of Entomopathogenic Fungi to Chrysoperla externa (Neuroptera: Chrysopidae). Insects, 2020, 11, 716.	1.0	5
89	Technological and sustainable strategies for reducing losses and maintaining the quality of soybean grains in real production scale storage units. Journal of Stored Products Research, 2020, 87, 101624.	1.2	35
90	Early selection strategies in schizolobium parahyba var. amazonicum (huber ex ducke) barneby. Industrial Crops and Products, 2020, 152, 112538.	2.5	6

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91	Agronomic performance and water‐use efficiency of F 3 soybean populations grown under contrasting base saturation. Journal of Agronomy and Crop Science, 2020, 206, 806-814.	1.7	6
92	Simulating multispectral MSI bandsets (Sentinel-2) from hyperspectral observations via spectroradiometer for identifying soybean cultivars. Remote Sensing Applications: Society and Environment, 2020, 19, 100328.	0.8	7
93	Assessment of evapotranspiration estimates based on surface and satellite data and its relationship with El Niño–Southern Oscillation in the Rio de Janeiro State. Environmental Monitoring and Assessment, 2020, 192, 449.	1.3	4
94	Nitrogen concentrations and proportions of ammonium and nitrate in the nutrition and growth of yellow passion fruit seedlings. Journal of Plant Nutrition, 2020, 43, 2533-2547.	0.9	15
95	Macronutrient deficiency in snap bean considering physiological, nutritional, and growth aspects. PLoS ONE, 2020, 15, e0234512.	1.1	13
96	Anthropogenic and climatic influences in the swamp environment of the Pandeiros River basin, Minas Gerais-Brazil. Environmental Monitoring and Assessment, 2020, 192, 219.	1.3	4
97	Spatially explicit modeling of land use and land cover in the State of Rio de Janeiro-Brazil. Remote Sensing Applications: Society and Environment, 2020, 18, 100303.	0.8	2
98	Identification of tillage for soybean crop by spectro-temporal variables, GEOBIA, and decision tree. Remote Sensing Applications: Society and Environment, 2020, 19, 100356.	0.8	1
99	Growth of native forest species in a mixed stand in the Brazilian Savanna. Forest Ecology and Management, 2020, 462, 118011.	1.4	7
100	Bayesian segmented regression model for adaptability and stability evaluation of cotton genotypes. Euphytica, 2020, 216, 1.	0.6	13
101	Mapping LULC types in the Cerrado-Atlantic Forest ecotone region using a Landsat time series and object-based image approach: A case study of the Prata River Basin, Mato Grosso do Sul, Brazil. Environmental Monitoring and Assessment, 2020, 192, 136.	1.3	16
102	Capitalizing on opportunities provided by pasture sudden death to enhance livestock sustainable management in Brazilian Amazonia. Environmental Development, 2020, 33, 100499.	1.8	11
103	UAV-multispectral and vegetation indices in soybean grain yield prediction based on in situ observation. Remote Sensing Applications: Society and Environment, 2020, 18, 100318.	0.8	19
104	Silicon mitigates ammonium toxicity in plants. Agronomy Journal, 2020, 112, 635-647.	0.9	29
105	Multi‐trait stability index: A tool for simultaneous selection of soya bean genotypes in drought and saline stress. Journal of Agronomy and Crop Science, 2020, 206, 815-822.	1.7	48
106	Evaluation of coatings for application in raffia big bags in conditioned storage of soybean cultivars in seed processing units. PLoS ONE, 2020, 15, e0242522.	1.1	15
107	Relationship between vegetation indices and agronomic performance of maize varieties under different nitrogen rates. Bioscience Journal, 2020, 36, .	0.4	3
108	Irrigation management in soybean crops influences the occurrence of nematodes in the soil. Bioscience Journal, 2020, 36, .	0.4	2

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109	Phenotypic adaptability and stability of herbaceous cotton genotypes in the Semiarid region of the Northeast of Brazil. Revista Brasileira De Engenharia Agricola E Ambiental, 2020, 24, 800-805.	0.4	2
110	Spatial Variability of Irrigated Garlic (Allium sativum L.) Production Components. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 300-303.	0.5	4
111	Contribution of Morphological Variables in Garlic Bulb Yield. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 896-897.	0.5	3
112	Selection of soybean populations for earliness and high grain yield. Research, Society and Development, 2020, 9, e546973816.	0.0	2
113	Silicon increases chlorophyll and photosynthesis and improves height and NDVI of cotton (Gossypium)	0.0	9
114	Impact of water deficit in the relationship among alfalfa traits. Bioscience Journal, 2020, 36, .	0.4	1
115	Soil macrofauna in green manures preceding cotton growing. Bioscience Journal, 2020, 36, .	0.4	0
116	Manejo de irrigação na cultura da soja em sistema de semeadura direta, sobre restos culturais de Brachiaria ruziziensis. Research, Society and Development, 2020, 9, e64963430.	0.0	0
117	HARVEST TIMES WITH CHEMICAL DESICCATION AND THE EFFECTS ON THE ENZYMATIC EXPRESSION AND PHYSIOLOGICAL QUALITY OF SOYBEAN SEEDS. Revista Caatinga, 2020, 33, 361-370.	0.3	2
118	Biofertilizante orgânico na cultura do feijoeiro comum. Research, Society and Development, 2020, 9, e192953279.	0.0	0
119	Spatial Analysis and Mapping of the Effect of Irrigation and Nitrogen Application on Lateral Shoot Growing of Garlic. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 664-665.	0.5	4
120	Seleção de Linhagens F6 de soja para Chapadão do Sul. Research, Society and Development, 2020, 9, e547973818.	0.0	0
121	Caracterização de cultivares de feijoeiro comum com base no teste de Distinguibilidade, Homogeneidade e Estabilidade (DHE). Research, Society and Development, 2020, 9, e231973843.	0.0	1
122	Autocorrelation of Production Components of Irrigated Garlic Crop. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 1880-1881.	0.5	4
123	Center pivot irrigation management in maize hybrids and the incidence of stalk rot. Revista Brasileira De Engenharia Agricola E Ambiental, 2020, 24, 840-846.	0.4	1
124	Forms of nitrogen fertilizer application in Panicum maximum. Bioscience Journal, 2020, 36, .	0.4	2
125	Seeding rate in soybean according to the soil apparent electrical conductivity. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20181112.	0.3	2
126	Agronomic performance of cotton and soybean cultivated under different cover crops and lime and gypsum doses. Bioscience Journal, 2020, 36, .	0.4	0

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127	Phenotypic adaptability of cotton genotypes to the brazilian cerrado for yield and fiber quality. Bioscience Journal, 2020, 36, .	0.4	0
128	Genetic Gains With Selection for Yield and Soluble Solids Content in Cherry Tomato Hybrids. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 400-402.	0.5	0
129	Liquid nitrogen fertilization on the yield and phenologic variables of narrow-row cotton. Bioscience Journal, 2020, 36, .	0.4	0
130	Correlations and path analysis in agronomic traits of soybeans under defoliation. Bioscience Journal, 2020, 36, .	0.4	0
131	Water availability for high yield of soybean cultivars. Research, Society and Development, 2020, 9, e53963373.	0.0	0
132	Spatial Relationships of Soil Physical Attributes with Yield and Lateral Shoot Growth of Garlic. Hortscience: A Publication of the American Society for Hortcultural Science, 2020, 55, 1053-1054.	0.5	2
133	Selection of Jatropha genotypes for bioenergy purpose: an approach with multitrait, multiharvest and effective population size. Bragantia, 2020, 79, 346-355.	1.3	4
134	Quantifying individual variation in reaction norms using random regression models fitted through Legendre polynomials: application in eucalyptus breeding. Bragantia, 2020, 79, 485-501.	1.3	3
135	SPATIAL VARIABILITY OF IRRIGATED COMMON BEAN YIELD CORRELATED WITH THE FERTILITY OF A SANDY SOIL. Engenharia Agricola, 2020, 40, 645-656.	0.2	2
136	Adaptation of technological packaging for conservation of soybean seeds in storage units as an alternative to modified atmospheres. PLoS ONE, 2020, 15, e0241787.	1.1	13
137	Occurrence of fire foci under different land uses in the State of Amazonas during the 2005 drought. Environment, Development and Sustainability, 2019, 21, 2707-2720.	2.7	24
138	Multi-trait multi-environment models in the genetic selection of segregating soybean progeny. PLoS ONE, 2019, 14, e0215315.	1.1	32
139	Remote sensing for updating the boundaries between the brazilian Cerrado-Amazonia biomes. Environmental Science and Policy, 2019, 101, 383-392.	2.4	38
140	Non-parametric tests and multivariate analysis applied to reported dengue cases in Brazil. Environmental Monitoring and Assessment, 2019, 191, 473.	1.3	14
141	Fire dynamics in extreme climatic events in western amazon. Environmental Development, 2019, 32, 100450.	1.8	22
142	Selection of Aluminum–Resistant Wheat Genotypes Using Multienvironment and Multivariate Indices. Agronomy Journal, 2019, 111, 2804-2810.	0.9	5
143	Gross primary productivity in areas of different land cover in the western Brazilian Amazon. Remote Sensing Applications: Society and Environment, 2019, 16, 100259.	0.8	6
144	Correlations and selection of parents to technological traits of upland cotton. Ciencia Rural, 2019, 49, .	0.3	1

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145	Selection of maize top-crosses for different nitrogen levels through specific combining ability. Bragantia, 2019, 78, 208-214.	1.3	4
146	Adaptability of cotton (Gossypium hirsutum) genotypes analysed using a Bayesian AMMI model. Crop and Pasture Science, 2019, 70, 615.	0.7	8
147	Studying the link between physiological performance of Crotalaria ochroleuca and the distribution of Ca, P, K and S in seeds with X-ray fluorescence. PLoS ONE, 2019, 14, e0222987.	1.1	2
148	Interactions between Fungal-Infected Helicoverpa armigera and the Predator Chrysoperla externa. Insects, 2019, 10, 309.	1.0	8
149	Fire outbreaks in extreme climate years in the State of Rio de Janeiro, Brazil. Land Degradation and Development, 2019, 30, 1379-1389.	1.8	18
150	Factors affecting aerial spray drift in the Brazilian Cerrado. PLoS ONE, 2019, 14, e0212289.	1.1	8
151	Adaptability and Stability of Cotton Genotypes Regarding Fiber Yield and Quality Traits. Crop Science, 2019, 59, 518-524.	0.8	19
152	Rainfall variability in the Brazilian northeast biomes and their interactions with meteorological systems and ENSO via CHELSA product. Big Earth Data, 2019, 3, 315-337.	2.0	43
153	Multiple-trait BLUP in longitudinal data analysis on Jatropha curcas breeding for bioenergy. Industrial Crops and Products, 2019, 130, 558-561.	2.5	19
154	Object-based image analysis supported by data mining to discriminate large areas of soybean. International Journal of Digital Earth, 2019, 12, 270-292.	1.6	10
155	Understanding the combining ability for physiological traits in soybean. PLoS ONE, 2019, 14, e0226523.	1.1	15
156	Space-temporal evaluation of changes in temperature and soil use and cover in the metropolitan region of baixada santista. Bioscience Journal, 2019, 35, .	0.4	5
157	DOES CHEMICAL DESICCATION AND HARVEST TIME AFFECT THE PHYSIOLOGICAL AND SANITARY QUALITY OF SOYBEAN SEEDS?. Revista Caatinga, 2019, 32, 934-942.	0.3	8
158	Nutritional Disorders of Macronutrients in Bletia catenulata. Hortscience: A Publication of the American Society for Hortcultural Science, 2019, 54, 1836-1839.	0.5	2
159	Nonlinear Regression and Multivariate Analysis Used to Study the Phenotypic Stability of Cowpea Genotypes. Hortscience: A Publication of the American Society for Hortcultural Science, 2019, 54, 1682-1685.	0.5	2
160	Soil Chemical Attributes, Soil Type, and Rainfall Effects on Normalized Difference Vegetation Index and Cotton Fiber Yield Variability. Agronomy Journal, 2019, 111, 2910-2919.	0.9	4
161	Adaptability and stability of cowpea genotypes via REML/BLUP and GGE BIPLOT. Bioscience Journal, 2019, 35, .	0.4	2
162	Effect of the hydrogel incorporation on different substrates on the rooting and quality of clonal Eucalyptus seedlings. Scientia Forestalis/Forest Sciences, 2019, 47, .	0.2	4

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163	Environmental stratification in the brazilian cerrado on the yield and fiber quality of cotton genotypes. Bioscience Journal, 2019, 35, .	0.4	1
164	Influence of fertilizer and hydrogel on physical-chemical attributes of substrate for seedling production. Bioscience Journal, 2019, 35, .	0.4	1
165	Diversity and population dynamic of Tabanidae (Diptera) in the cerrado-pantanal ecotone. Bioscience Journal, 2019, 35, .	0.4	0
166	Nitrogen doses in topdressing affect vegetation indices and corn yield. Bioscience Journal, 2019, 35, .	0.4	0
167	Estimates of genetic divergence in cowpea by multivariate analysis in different environments. Bioscience Journal, 2019, 35, .	0.4	2
168	Soil biomass and microbial activity in soybean crop area under different cover crops and different soil correction systems. Bioscience Journal, 2019, 35, .	0.4	1
169	In situ remote sensing as a strategy to predict cotton seed yield. Bioscience Journal, 2019, 35, .	0.4	0
170	Genetic parameters and path analysis of traits of upland cotton for the brazilian semi-arid region. Bioscience Journal, 2019, 35, .	0.4	0
171	Soybean varieties discrimination using non-imaging hyperspectral sensor. Infrared Physics and Technology, 2018, 89, 338-350.	1.3	44
172	Analysis of the impact on vegetation caused by abrupt deforestation via orbital sensor in the environmental disaster of Mariana, Brazil. Land Use Policy, 2018, 76, 10-20.	2.5	28
173	Improving the validation of ecological niche models with remote sensing analysis. Ecological Modelling, 2018, 380, 22-30.	1.2	3
174	Selection of Jatropha curcas families based on temporal stability and adaptability of genetic values. Industrial Crops and Products, 2018, 119, 290-293.	2.5	17
175	Genetic gains in agronomic and technological traits of elite cotton genotypes. Bragantia, 2018, 77, 466-475.	1.3	8
176	<b>Interrelations between agronomic and technological fiber traits in upland cotton. Acta Scientiarum - Agronomy, 2018, 40, 39364.	0.6	7
177	Artificial neural networks classify cotton genotypes for fiber length. Crop Breeding and Applied Biotechnology, 2018, 18, 200-204.	0.1	4
178	Relationship between biochemical and photosynthetic traits with Asian soybean rust. Anais Da Academia Brasileira De Ciencias, 2018, 90, 3925-3940.	0.3	5
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