

Cosme Damio Cruz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

624
citations

8
h-index

24
g-index

49
ext. papers

826
ext. citations

1.7
avg, IF

5.16
L-index

#	Paper	IF	Citations
39	Marker effects and heritability estimates using additive-dominance genomic architectures via artificial neural networks in <i>Coffea canephora</i> . <i>PLoS ONE</i> , 2022 , 17, e0262055	3.7	0
38	Updated knowledge in the estimation of genetics parameters: a Bayesian approach in white oat (<i>Avena sativa</i> L.). <i>Euphytica</i> , 2022 , 218, 1	2.1	2
37	Prediction of the importance of auxiliary traits using computational intelligence and machine learning: A simulation study. <i>PLoS ONE</i> , 2021 , 16, e0257213	3.7	0
36	Genome-enabled prediction through machine learning methods considering different levels of trait complexity. <i>Crop Science</i> , 2021 , 61, 1890-1902	2.4	2
35	Machine learning and statistics to qualify environments through multi-traits in <i>Coffea arabica</i> . <i>PLoS ONE</i> , 2021 , 16, e0245298	3.7	1
34	Design I of Comstock and Robinson in the Emergence and Vigor of Sour Passion Fruit Seedlings. <i>International Journal of Fruit Science</i> , 2021 , 21, 492-499	1.2	
33	Half a century of studying adaptability and stability in maize and soybean in Brazil. <i>Scientia Agricola</i> , 2021 , 78,	2.5	2
32	Genomic prediction of leaf rust resistance to Arabica coffee using machine learning algorithms. <i>Scientia Agricola</i> , 2021 , 78,	2.5	7
31	Marker-Assisted Pyramiding of Multiple Disease Resistance Genes in Coffee Genotypes (<i>Coffea arabica</i>). <i>Agronomy</i> , 2021 , 11, 1763	3.6	2
30	Fuzzy controller in the selection of sugarcane and energy cane ideotypes. <i>Euphytica</i> , 2020 , 216, 1	2.1	
29	Potential of a population of <i>Eucalyptus benthamii</i> based on growth and technological characteristics of wood. <i>Euphytica</i> , 2020 , 216, 1	2.1	0
28	Self-organizing maps: a powerful tool for capturing genetic diversity patterns of populations. <i>Euphytica</i> , 2020 , 216, 1	2.1	4
27	Bayesian segmented regression model for adaptability and stability evaluation of cotton genotypes. <i>Euphytica</i> , 2020 , 216, 1	2.1	5
26	Multivariate diallel analysis by factor analysis for establish mega-traits. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92 Suppl'1, e20180874	1.4	3
25	Patterns recognition methods to study genotypic similarity in flood-irrigated rice. <i>Bragantia</i> , 2020 , 79, 356-363	1.2	1
24	Sensory analysis of arabica coffee: cultivars of rust resistance with potential for the specialty coffee market. <i>Euphytica</i> , 2020 , 216, 1	2.1	3
23	Recommendation of <i>Coffea arabica</i> genotypes by factor analysis. <i>Euphytica</i> , 2019 , 215, 1	2.1	9

22	Multigenerational prediction of genetic values using genome-enabled prediction. <i>PLoS ONE</i> , 2019 , 14, e0210531	3.7	2
21	Sensory quality of <i>Coffea arabica</i> L. genotypes influenced by postharvest processing. <i>Crop Breeding and Applied Biotechnology</i> , 2019 , 19, 428-435	1.1	4
20	Optimum environment number for the national sunflower trials network. <i>Acta Scientiarum - Agronomy</i> , 2019 , 42, e42792	0.6	
19	Can Genetic Progress for Drought Tolerance in Popcorn Be Achieved by Indirect Selection?. <i>Agronomy</i> , 2019 , 9, 792	3.6	8
18	Quantile regression for genome-wide association study of flowering time-related traits in common bean. <i>PLoS ONE</i> , 2018 , 13, e0190303	3.7	17
17	Discrimination of populations under covariance matrix heterogeneity and non-normal random vectors in genetic diversity studies. <i>Científica</i> , 2018 , 46, 344	0.9	2
16	Self-organizing maps in the study of genetic diversity among irrigated rice genotypes. <i>Acta Scientiarum - Agronomy</i> , 2018 , 41, 39803	0.6	5
15	Genetic divergence between passion fruit hybrids and reciprocals based on seedling emergence and vigor. <i>Journal of Seed Science</i> , 2017 , 39, 417-425	1	10
14	Artificial neural networks and linear discriminant analysis in early selection among sugarcane families. <i>Crop Breeding and Applied Biotechnology</i> , 2017 , 17, 299-305	1.1	5
13	Genes Software â extended and integrated with the R, Matlab and Selegen. <i>Acta Scientiarum - Agronomy</i> , 2016 , 38, 547	0.6	169
12	QTL mapping for resistance to Ceratocystis wilt in Eucalyptus. <i>Tree Genetics and Genomes</i> , 2016 , 12, 1	2.1	9
11	Phenotypic and molecular traits diversity in soybean launched in forty years of genetic breeding. <i>Agronomy Science and Biotechnology</i> , 2015 , 1, 1	0.4	6
10	Path Analysis for Selection of Saccharification-Efficient Sugarcane Genotypes through Agronomic Traits. <i>Agronomy Journal</i> , 2014 , 106, 1643-1650	2.2	8
9	GENES - a software package for analysis in experimental statistics and quantitative genetics - doi: 10.4025/actasciagron.v35i3.21251. <i>Acta Scientiarum - Agronomy</i> , 2013 , 35,	0.6	289
8	Predi de ganhos genticos utilizando o Delineamento I em popula de maracujazeiro. <i>Revista Ciencia Agronomica</i> , 2011 , 42, 495-501	1	3
7	Componentes genticos aditivos e no aditivos em maracujazeiro-azedo. <i>Pesquisa Agropecuaria Brasileira</i> , 2011 , 46, 482-490	1.8	2
6	Estratgias de seleo em progies de maracujazeiro-amarelo quanto ao vigor e incidncia de verrugose. <i>Revista Brasileira De Fruticultura</i> , 2008 , 30, 444-449	1.2	14
5	Divergncia gentica entre progies de maracujazeiro- amarelo com base em caractersticas das plntulas. <i>Revista Brasileira De Fruticultura</i> , 2008 , 30, 197-201	1.2	14

4	Crescimento vegetativo de cultivares de café (<i>Coffea arabica</i> L.) e sua correlação com a produção em espaçamentos adensados. <i>Acta Scientiarum - Agronomy</i> , 2007 , 29,	0.6	5
3	Acúmulo de nutrientes em frutos de cafeeiro em quatro altitudes de cultivo: cálcio, magnésio e enxofre. <i>Revista Brasileira De Ciencia Do Solo</i> , 2007 , 31, 1451-1462	1.5	8
2	Similarity networks for the classification of rice genotypes as to adaptability and stability. <i>Pesquisa Agropecuaria Brasileira</i> ,55,	1.8	2
1	Computational intelligence for studies on genetic diversity between genotypes of biomass sorghum. <i>Pesquisa Agropecuaria Brasileira</i> ,55,	1.8	1