Carlos Alberto Scapim

List of Publications by Citations

61 papers	686 citations	14 h-index	22 g-index
64 ext. papers	847 ext. citations	1.6 avg, IF	3.68 L-index

#	Paper	IF	Citations
61	A Genome-Wide Association Study for Agronomic Traits in Soybean Using SNP Markers and SNP-Based Haplotype Analysis. *PLoS ONE*, **2017**, 12, e0171105	3.7	75
60	Azospirillum brasilense promotes increases in growth and nitrogen use efficiency of maize genotypes. *PLoS ONE*, **2019**, 14, e0215332	3.7	71
59	Yield stability in maize (Zea mays L.) and correlations among the parameters of the Eberhart and Russell, Lin and Binns and Huehn models. *Genetics and Molecular Biology*, **2000**, 23, 387-393	2	40
58	Correlations between the stability and adaptability statistics of popcorn cultivars. *Euphytica*, **2010**, 174, 209-218	2.1	32
57	Avaliação de cultivares de mandioca na Região Noroeste do Paraná. *Bragantia*, **2000**, 59, 69-75	1.2	29
56	Genetic variation for early flowering, survival and growth in sugar gum (Eucalyptus cladocalyx F. Muell) in southern Atacama Desert. *Euphytica*, **2009**, 169, 335-344	2.1	27
55	Combining ability of popcorn lines for seed quality and agronomic traits. *Euphytica*, **2012**, 185, 337-347	2.1	20
54	Qualidade de sementes de quatro cultivares de soja, colhidas em dois locais no estado do Mato Grosso do Sul. *Revista Brasileira De Sementes = Brazilian Seed Journal*, **2010**, 32, 176-185		20
53	Plant growth-promoting bacteria associated with nitrogen fertilization at topdressing in popcorn agronomic performance. *Bragantia*, **2016**, 75, 33-40	1.2	18
52	Germinação de sementes e crescimento de plântulas de cultivares de milho-pipoca submetidas ao estresse hídrico e salino. *Revista Brasileira De Sementes = Brazilian Seed Journal*, **2006**, 28, 169-176		15
51	Recurrent selection in inbred popcorn families. *Scientia Agricola*, **2004**, 61, 609-614	2.5	15
50	The influence of topdressing nitrogen on Azospirillum spp. inoculation in maize crops through meta-analysis. *Bragantia*, **2018**, 77, 493-500	1.2	15
49	Population structure, genetic relatedness and linkage disequilibrium blocks in cultivars of tropical soybean (Glycine max). *Euphytica*, **2017**, 213, 1	2.1	14
48	Análise dialélica e heterose de populações de milho-pipoca. *Bragantia*, **2002**, 61, 219-230	1.2	14
47	Capacidade combinatória em milho-pipoca por meio de dialelo circulante. *Pesquisa Agropecuaria Brasileira*, **2006**, 41, 1599-1607	1.8	14
46	Correlações entre caracteres agronômicos em dois ciclos de seleção recorrente em milho-pipoca. *Ciencia Rural*, **2004**, 34, 1389-1394	1.3	13
45	Genome-wide association mapping for flowering and maturity in tropical soybean: implications for breeding strategies. *Breeding Science*, **2017**, 67, 435-449	2	11

44	Estimating combining ability in popcorn lines using multivariate analysis. *Chilean Journal of Agricultural Research*, **2014**, 74, 10-15	1.9	11
43	Influência do estresse hídrico sobre o desempenho fisiológico de sementes de híbridos simples de milho-pipoca. *Ciencia E Agrotecnologia*, **2008**, 32, 1810-1817	1.6	11
42	Componentes genéticos de médias e depressão por endogamia em populações de milho-pipoca. *Ciencia Rural*, **2006**, 36, 36-41	1.3	11
41	Effect of harvest period on foliage production and dry matter distribution in five cassava cultivars during the second plant cycle. *Brazilian Archives of Biology and Technology*, **2006**, 49, 1007-1018	1.8	11
40	UENF 14: a new popcorn cultivar. *Crop Breeding and Applied Biotechnology*, **2013**, 13, 218-220	1.1	11
39	Depressão por endogamia em populações de milho-pipoca. *Bragantia*, **2004**, 63, 55-62	1.2	10
38	SSR-based genetic analysis of sweet corn inbred lines using artificial neural networks. *Crop Breeding and Applied Biotechnology*, **2018**, 18, 309-313	1.1	10
37	Diallel analysis of maize inbred lines for grain yield, oil and protein content. *Crop Breeding and Applied Biotechnology*, **2014**, 14, 23-28	1.1	9
36	Bayesian analysis of the genetic structure of a Brazilian popcorn germplasm using data from simple sequence repeats (SSR). *Chilean Journal of Agricultural Research*, **2013**, 73, 04-05	1.9	8
35	Magnitude of the genetic base of commercial popcorn and in recommendation in Brazil. *Crop Breeding and Applied Biotechnology*, **2010**, 10, 289-297	1.1	8
34	Bioregulator application, agronomic efficiency, and quality of soybean seeds. *Scientia Agricola*, **2008**, 65, 604-612	2.5	8
33	QUALIDADE FISIOLÓGICA E SANITÁRIA DAS SEMENTES SOB SEMEADURA ANTECIPADA DA SOJA. *Scientia Agraria*, **2008**, 9, 445		8
32	Comparison of methods for phenotypic stability analysis of cassava (Manihot esculenta Crantz) genotypes for yield and storage root dry matter content. *Brazilian Archives of Biology and Technology*, **2009**, 52, 163-175	1.8	8
31	Semeadura da soja no período de safrinha: potencial fisiológico e sanidade das sementes. *Revista Brasileira De Sementes = Brazilian Seed Journal*, **2003**, 25, 76-86		8
30	Efeito da época de colheita no crescimento vegetativo, na produtividade e na qualidade de raízes de três cultivares de mandioca. *Bragantia*, **2002**, 61, 115-125	1.2	8
29	A collection of popcorn as a reservoir of genes for the generation of lineages. *Molecular Biotechnology*, **2013**, 53, 300-7	3	7
28	Diallel analysis of yield, popping expansion, and southern rust resistance in popcorn lines. *Revista Ciencia Agronomica*, **2011**, 42, 774-780	1	7
27	Rendimento, teores de óleo e proteínas de quatro cultivares de soja, produzidas em dois locais no estado do Mato Grosso do Sul. *Ciencia E Agrotecnologia*, **2009**, 33, 1047-1054	1.6	7

26	GENETIC GAINS AND SELECTION ADVANCES OF THE UENF-14 POPCORN POPULATION. *Revista Caatinga*, **2018**, 31, 271-278	0.6	7
25	Diallel analysis and genetic differentiation of tropical and temperate maize inbred lines. *Crop Breeding and Applied Biotechnology*, **2018**, 18, 31-38	1.1	7
24	A genome-wide association study for partial resistance to southern corn rust in tropical maize. *Plant Breeding*, **2019**, 138, 770-780	2.4	6
23	Desempenho agronômico de três cultivares de soja em diferentes épocas de semeadura em duas safras. *Ciencia E Agrotecnologia*, **2009**, 33, 1240-1248	1.6	6
22	Effect of harvest period on the quality of storage roots and protein content of the leaves in five cassava cultivars (Manihot esculenta, Crantz). *Brazilian Archives of Biology and Technology*, **2003**, 46, 295-305	1.8	6
21	Novos compostos de milho-pipoca para o Brasil. *Semina:Ciencias Agrarias*, **2010**, 31, 321	0.6	6
20	SNP- and Haplotype-Based GWAS of Flowering-Related Traits in Maize with Network-Assisted Gene Prioritization. *Agronomy*, **2019**, 9, 725	3.6	6
19	Embriogênese somática a partir de embriões imaturos em genótipos de milho. *Ciencia Rural*, **2008**, 38, 2604-2607	1.3	5
18	Qualidade fisiológica e sanitária das sementes de quinze cultivares de soja (Glycine max (L.) Merrill) colhidas na época normal e após o retardamento da colheita. *Acta Scientiarum - Agronomy*, **2003**, 25, 449	0.6	5
17	Genetic evaluation of popcorn families using a Bayesian approach via the independence chain algorithm. *Crop Breeding and Applied Biotechnology*, **2014**, 14, 261-265	1.1	4
16	Recurrent selection of popcorn composites UEM-CO1 AND UEM-CO2 based on selection indices. *Crop Breeding and Applied Biotechnology*, **2017**, 17, 266-272	1.1	4
15	Análise dialélica de linhagens de milho quanto à responsividade ao fósforo e à sua eficiência de uso. *Pesquisa Agropecuaria Brasileira*, **2016**, 51, 224-232	1.8	4
14	Predicción de Valores Genéticos del Efecto de Poblaciones de Maíz Evaluadas en Brasil y Paraguay. *Chilean Journal of Agricultural Research*, **2007**, 67,		3
13	Agronomic performance and sweet corn quality as a function of inoculant doses (Azospirillum brasilense) and nitrogen fertilization management in summer harvest. *Bragantia*, **2019**, 78, 26-37	1.2	2
12	Qualidade das sementes de soja produzidas sob manejo com biorregulador. *Revista Brasileira De Sementes = Brazilian Seed Journal*, **2010**, 32, 39-48		2
11	Nonlinear models to describe the maize seed quality during the maturation stage: a Bayesian approach. *Australian Journal of Crop Science*, **2016**, 10, 598-603	0.5	2
10	Genetic parameters of growth and survival in Acacia saligna shrubs. *Ciencia E Investigacion Agraria*, **2010**, 37,		1
9	Generalized composite interval mapping offers improved efficiency in the analysis of loci influencing non-normal continuous traits. *Ciencia E Investigacion Agraria*, **2010**, 37, 83-89		1

8	Potential of popcorn germplasm as a source of resistance to ear rot. *Bragantia*, **2017**, 76, 378-385	1.2	1
7	Comparison of testers in the selection of S3 families obtained from the UENF-14 variety of popcorn. *Bragantia*, **2016**, 75, 135-144	1.2	1
6	Inbreeding depression and average genetic components in green corn genotypes. *Ciencia Rural*, **2017**, 47,	1.3	1
5	Popcorn genotypes resistance to fall armyworm. *Ciencia Rural*, **2018**, 48,	1.3	1
4	Diallel analysis of popcorn populations for yield, popping expansion and resistance to fall armyworm. *Revista Ceres*, **2020**, 67, 288-295	0.7	0
3	Influence of agronomic and kernel-related properties on popping expansion in popcorn. *Agronomy Journal*, **2021**, 113, 2260-2272	2.2	0
2	Genetic diversity among Brazilian carioca common bean cultivars for nitrogen use efficiency. *Crop Science*, **2021**, 61, 2534-2547	2.4	0
1	Combining abilities analysis for ear rot resistance in popcorn hybrids development. *Revista Ceres*, **2021**, 68, 61-70	0.7	0