

Eder Oliveira

List of Publications by Year in descending order

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128
papers

2,319
citations

236612

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h-index

301761

39
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all docs

132
docs citations

132
times ranked

2331
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotypic diversity and alternative methods for characterization and prediction of pulp yield in passion fruit (<i>Passiflora</i> spp.) germplasm. <i>Scientia Horticulturae</i> , 2022, 292, 110573.	1.7	8
2	Genome-wide association study of cassava starch paste properties. <i>PLoS ONE</i> , 2022, 17, e0262888.	1.1	3
3	Image-based phenotyping of cassava roots for diversity studies and carotenoids prediction. <i>PLoS ONE</i> , 2022, 17, e0263326.	1.1	9
4	Genome-wide association study and selection for field resistance to cassava root rot disease and productive traits. <i>PLoS ONE</i> , 2022, 17, e0270020.	1.1	3
5	Large-scale genome-wide association study, using historical data, identifies conserved genetic architecture of cyanogenic glucoside content in cassava (<i>Manihot esculenta</i> Crantz) root. <i>Plant Journal</i> , 2021, 105, 754-770.	2.8	26
6	Field assessment of a second generation backcross (BC1 <i>Passiflora edulis</i>) of passion fruit for agronomic performance and resistance to CABMV. <i>Plant Breeding</i> , 2021, 140, 150-166.	1.0	6
7	Evaluation of resistance to bacterial blight in Brazilian cassava germoplasm and disease-yield relationships. <i>Tropical Plant Pathology</i> , 2021, 46, 324.	0.8	1
8	Comprehensive genotyping of a Brazilian cassava (<i>Manihot esculenta</i> Crantz) germplasm bank: insights into diversification and domestication. <i>Theoretical and Applied Genetics</i> , 2021, 134, 1343-1362.	1.8	15
9	Genome-wide association study of drought tolerance in cassava. <i>Euphytica</i> , 2021, 217, 1.	0.6	9
10	Distribution of resistance of cassava genotypes to dry, soft and black root diseases and correlation to yield parameters. <i>Journal of Phytopathology</i> , 2021, 169, 350-359.	0.5	2
11	Genetic parameters and path analysis for root yield of cassava under drought and early harvest. <i>Crop Breeding and Applied Biotechnology</i> , 2021, 21, .	0.1	2
12	Reproductive barriers in cassava: Factors and implications for genetic improvement. <i>PLoS ONE</i> , 2021, 16, e0260576.	1.1	8
13	Can Cross-Country Genomic Predictions Be a Reasonable Strategy to Support Germplasm Exchange? â€“ A Case Study With Hydrogen Cyanide in Cassava. <i>Frontiers in Plant Science</i> , 2021, 12, 742638.	1.7	1
14	First report of cassava torrado-like virus, cassava polero-like virus and cassava new alphaflexivirus associated with cassava frog skin disease in Brazil. <i>Journal of Plant Pathology</i> , 2020, 102, 247-247.	0.6	4
15	Genetic and physiological analysis of early drought response in <i>Manihot esculenta</i> and its wild relative. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	1.0	4
16	Growth, physiological, anatomical and nutritional responses of two phenotypically distinct passion fruit species (<i>Passiflora</i> L.) and their hybrid under saline conditions. <i>Scientia Horticulturae</i> , 2020, 263, 109037.	1.7	17
17	Early diagnosis of cassava frog skin disease in powdered tissue samples using near-infrared spectroscopy. <i>European Journal of Plant Pathology</i> , 2020, 156, 547-558.	0.8	4
18	Genome-wide association studies for waxy starch in cassava. <i>Euphytica</i> , 2020, 216, 1.	0.6	13

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19	A novel seed treatment-based multiplication approach for cassava planting material. <i>PLoS ONE</i> , 2020, 15, e0229943.	1.1	6
20	Phenological diversity of flowering and fruiting in cassava germplasm. <i>Scientia Horticulturae</i> , 2020, 265, 109253.	1.7	15
21	Identification of waxy cassava genotypes using fourierâ€transform nearâ€infrared spectroscopy. <i>Crop Science</i> , 2020, 60, 883-895.	0.8	3
22	Identification and validation of mutation points associated with waxy phenotype in cassava. <i>BMC Plant Biology</i> , 2020, 20, 164.	1.6	4
23	BRS Novo Horizonte - a new cassava variety for industrial use. <i>Crop Breeding and Applied Biotechnology</i> , 2020, 20, .	0.1	2
24	A leaf bud technique for rapid propagation of cassava (<i>Manihot esculenta</i> Crantz). <i>Scientia Agricola</i> , 2020, 77, .	0.6	2
25	Genomic selection for productive traits in biparental cassava breeding populations. <i>PLoS ONE</i> , 2019, 14, e0220245.	1.1	11
26	Seedlings of cassava varieties are responsive to organic fertilization. <i>Semina:Ciencias Agrarias</i> , 2019, 40, 2151.	0.1	2
27	Cassava yield traits predicted by genomic selection methods. <i>PLoS ONE</i> , 2019, 14, e0224920.	1.1	33
28	Genetic parameters, path analysis and indirect selection of agronomic traits of cassava germplasm. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20180387.	0.3	10
29	Early prediction models for cassava root yield in different water regimes. <i>Field Crops Research</i> , 2019, 239, 149-158.	2.3	13
30	Triple categorical regression for genomic selection: application to cassava breeding. <i>Scientia Agricola</i> , 2019, 76, 368-375.	0.6	5
31	Identification of duplicates in cassava germplasm banks based on single-nucleotide polymorphisms (SNPs). <i>Scientia Agricola</i> , 2019, 76, 328-336.	0.6	18
32	Prediction models and selection of agronomic and physiological traits for tolerance to water deficit in cassava. <i>Euphytica</i> , 2019, 215, 1.	0.6	7
33	Identification of <i>Passiflora</i> spp. genotypes resistant to Cowpea aphid-borne mosaic virus and leaf anatomical response under controlled conditions. <i>Scientia Horticulturae</i> , 2018, 231, 166-178.	1.7	18
34	Floral development stage and its implications for the reproductive success of <i>Passiflora</i> L.. <i>Scientia Horticulturae</i> , 2018, 238, 333-342.	1.7	16
35	Methodologies for selecting cassava with resistance to dry and black root rot under controlled conditions. <i>Bragantia</i> , 2018, 77, 440-451.	1.3	4
36	Genetic diversity of <i>Manihot esculenta</i> Crantz germplasm based on singleâ€nucleotide polymorphism markers. <i>Annals of Applied Biology</i> , 2018, 173, 271-284.	1.3	18

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37	Morphological variation of starch granules in S1 cassava progenies. <i>Euphytica</i> , 2018, 214, 1.	0.6	2
38	Grafting as a strategy to increase flowering of cassava. <i>Scientia Horticulturae</i> , 2018, 240, 544-551.	1.7	31
39	Genetic parameters and selection gains in early clonal evaluation trials: implications for cassava breeding. <i>Euphytica</i> , 2018, 214, 1.	0.6	3
40	Modelling growth characteristics and aggressiveness of <i>Neoscytalidium hyalinum</i> and <i>Fusarium solani</i> associated with black and dry root rot diseases on cassava. <i>Tropical Plant Pathology</i> , 2018, 43, 422-432.	0.8	9
41	Accelerated solvent extraction of phenolic compounds exploiting a Box-Behnken design and quantification of five flavonoids by HPLC-DAD in <i>Passiflora</i> species. <i>Microchemical Journal</i> , 2017, 132, 28-35.	2.3	97
42	Inbreeding depression for severity caused by leaf diseases in cassava. <i>Euphytica</i> , 2017, 213, 1.	0.6	3
43	Evaluation of cassava germplasm for drought tolerance under field conditions. <i>Euphytica</i> , 2017, 213, 1.	0.6	30
44	Selection of cassava accessions with multiple resistance to pathogens associated with root rot disease. <i>Euphytica</i> , 2017, 213, 1.	0.6	2
45	Survey of fungi associated with cassava root rot from different producing regions in Brazil. <i>Scientia Agricola</i> , 2017, 74, 60-67.	0.6	11
46	Cleaning cassava genotypes infected with cassava frogskin disease via in vitro shoot tip culture. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.3	9
47	Phenotypic diversity of starch granules in cassava germplasm. <i>Genetics and Molecular Research</i> , 2017, 16, .	0.3	19
48	GROWTH, FRUIT SET, AND FUSARIOSIS REACTION OF YELLOW PASSION FRUIT GRAFTED ONTO <i>Passiflora</i> spp.. <i>Revista Brasileira De Fruticultura</i> , 2016, 38, .	0.2	5
49	Variation in cassava germplasm for tolerance to post-harvest physiological deterioration. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	4
50	Evaluation of intraspecific hybrids of yellow passion fruit in organic farming. <i>African Journal of Agricultural Research Vol Pp</i> , 2016, 11, 2129-2138.	0.2	12
51	New accuracy estimators for genomic selection with application in a cassava (<i>Manihot esculenta</i>) breeding program. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	6
52	Polymorphism of starch pathway genes in cassava. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	8
53	Inducing autotetraploids in cassava using oryzalin and colchicine and their in vitro morphophysiological effects. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	4
54	Crop losses in Brazilian cassava varieties induced by the Cassava common mosaic virus. <i>Scientia Agricola</i> , 2016, 73, 520-524.	0.6	14

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55	Dissimilarity based on morphological characterization and evaluation of pollen viability and in vitro germination in <i>Passiflora</i> hybrids and backcrosses. <i>Acta Horticulturae</i> , 2016, , 401-408.	0.1	6
56	Molecular markers for conservation genetic resources of four <i>Passiflora</i> species. <i>Scientia Horticulturae</i> , 2016, 212, 251-261.	1.7	5
57	Inbreeding depression in cassava for productive traits. <i>Euphytica</i> , 2016, 209, 137-145.	0.6	25
58	Sources of resistance to cassava root rot caused by <i>Fusarium</i> spp.: a genotypic approach. <i>Euphytica</i> , 2016, 209, 237-251.	0.6	11
59	Selection of cassava varieties for biomass and protein production in semiarid areas from Bahia. <i>Bioscience Journal</i> , 2016, 32, 661-669.	0.4	6
60	Porta-enxertos e fixadores de enxerto para enxertia hipocotiledonar de maracujazeiro azedo. <i>Ciencia Rural</i> , 2016, 46, 30-35.	0.3	5
61	Genetic parameters, adaptability and stability to selection of yellow passion fruit hybrids. <i>Crop Breeding and Applied Biotechnology</i> , 2016, 16, 321-329.	0.1	10
62	Non-hierarchical clustering of <i>Manihot esculenta</i> Crantz germplasm based on quantitative traits. <i>Revista Ciencia Agronomica</i> , 2016, 47, 548-555.	0.1	6
63	First report of <i>Phytophthora melonis</i> causing cassava wilt and root rot in Bahia State, Brazil. <i>Summa Phytopathologica</i> , 2016, 42, 107-107.	0.3	2
64	Molecular-assisted selection for resistance to cassava mosaic disease in <i>Manihot esculenta</i> Crantz. <i>Scientia Agricola</i> , 2015, 72, 520-527.	0.6	12
65	Procedures for evaluating the tolerance of cassava genotypes to postharvest physiological deterioration. <i>Pesquisa Agropecuaria Brasileira</i> , 2015, 50, 562-570.	0.9	7
66	Genetic parameters for drought-tolerance in cassava. <i>Pesquisa Agropecuaria Brasileira</i> , 2015, 50, 233-241.	0.9	37
67	Genotypic variation of traits related to quality of cassava roots using affinity propagation algorithm. <i>Scientia Agricola</i> , 2015, 72, 53-61.	0.6	15
68	Development of a diagrammatic scale for the evaluation of postharvest physiological deterioration in cassava roots. <i>Pesquisa Agropecuaria Brasileira</i> , 2015, 50, 658-668.	0.9	4
69	Development and validation of minisatellite markers for <i>Carica papaya</i> . <i>Biologia Plantarum</i> , 2015, 59, 686-694.	1.9	4
70	Characterization and selection of passion fruit (yellow and purple) accessions based on molecular markers and disease reactions for use in breeding programs. <i>Euphytica</i> , 2015, 202, 345-359.	0.6	20
71	Development of TRAP (Target Region Amplification Polymorphism) as New Tool for Molecular Genetic Analysis in Cassava. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 1953-1966.	1.0	4
72	Reproductive biology and pollen-pistil interactions in <i>Passiflora</i> species with ornamental potential. <i>Scientia Horticulturae</i> , 2015, 197, 339-349.	1.7	21

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73	Informativeness of minisatellite and microsatellite markers for genetic analysis in papaya. <i>Genetica</i> , 2015, 143, 613-631.	0.5	2
74	Classification of cassava genotypes based on qualitative and quantitative data. <i>Genetics and Molecular Research</i> , 2015, 14, 906-924.	0.3	15
75	Physiological characteristics, total root and shoot production in accessions of <i>Manihot esculenta</i> under water stress condition. <i>Revista Brasileira De Geografia Fisica</i> , 2015, 8, 685-696.	0.0	2
76	Development of a cassava core collection based on single nucleotide polymorphism markers. <i>Genetics and Molecular Research</i> , 2014, 13, 6472-6485.	0.3	15
77	Adaptability and stability analysis of the juice yield of yellow passion fruit varieties. <i>Genetics and Molecular Research</i> , 2014, 13, 6512-6527.	0.3	7
78	AMMI analysis of the adaptability and yield stability of yellow passion fruit varieties. <i>Scientia Agricola</i> , 2014, 71, 139-145.	0.6	64
79	Diversidade genética de espécies do gênero <i>Passiflora</i> com o uso da estratégia Ward-MLM. <i>Revista Brasileira De Fruticultura</i> , 2014, 36, 381-390.	0.2	15
80	Genetic variability assessment in the genus <i>Passiflora</i> by SSR marker. <i>Chilean Journal of Agricultural Research</i> , 2014, 74, 355-360.	0.4	14
81	Potential of SNP markers for the characterization of Brazilian cassava germplasm. <i>Theoretical and Applied Genetics</i> , 2014, 127, 1423-1440.	1.8	34
82	First Report of a 16S rRNA-Like Phytoplasma Associated with Frogskin Disease in Cassava (<i>Manihot</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3	0.7	11
83	Selection of the most informative morphoagronomic descriptors for cassava germplasm. <i>Pesquisa Agropecuaria Brasileira</i> , 2014, 49, 891-900.	0.9	3
84	Genetic parameters and prediction of genotypic values for root quality traits in cassava using REML/BLUP. <i>Genetics and Molecular Research</i> , 2014, 13, 6683-6700.	0.3	54
85	Microsatellite markers of genetic diversity and population structure of <i>Carica papaya</i> . <i>Annals of Applied Biology</i> , 2013, 163, 298-310.	1.3	13
86	Development of interspecific hybrids of cassava and paternity analysis with molecular markers. <i>Journal of Agricultural Science</i> , 2013, 151, 849-861.	0.6	4
87	In vitro pollen germination and pollen viability in passion fruit (<i>Passiflora</i> spp.). <i>Revista Brasileira De Fruticultura</i> , 2013, 35, 1116-1126.	0.2	24
88	Identification of passion fruit genotypes resistant to <i>Fusarium oxysporum</i> f. sp. <i>passiflorae</i> . <i>Tropical Plant Pathology</i> , 2013, 38, 236-242.	0.8	30
89	Severidade de doenças em maracujazeiro para identificação de fontes de resistência em condições de campo. <i>Revista Brasileira De Fruticultura</i> , 2013, 35, 485-492.	0.2	35
90	Use of morpho-agronomic traits and DNA profiling for classification of genetic diversity in papaya. <i>Genetics and Molecular Research</i> , 2013, 12, 6646-6663.	0.3	7

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91	Morphology and viability of pollen grains from passion fruit species (<i>Passiflora</i> spp.). <i>Acta Botanica Brasílica</i> , 2013, 27, 779-787.	0.8	12
92	Cross-species amplification of microsatellite loci developed for <i>Passiflora edulis</i> Sims. in related <i>Passiflora</i> Species. <i>Brazilian Archives of Biology and Technology</i> , 2013, 56, 785-792.	0.5	15
93	Resistance to <i>Fusarium</i> dry root rot disease in cassava accessions. <i>Pesquisa Agropecuária Brasileira</i> , 2013, 48, 1414-1417.	0.9	16
94	Avaliação agrônômica de parentais e híbridos de maracujazeiro- amarelo. <i>Revista Brasileira De Fruticultura</i> , 2013, 35, 191-198.	0.2	9
95	Molecular fingerprinting of <i>Fusarium oxysporum</i> f. sp. <i>passiflorae</i> isolates using AFLP markers. <i>Scientia Agrícola</i> , 2013, 70, 108-115.	0.6	19
96	Development and characterization of microsatellite markers for the wild South American <i>Passiflora cincinnata</i> (<i>Passifloraceae</i>). <i>American Journal of Botany</i> , 2012, 99, e170-2.	0.8	23
97	Genome-wide selection in cassava. <i>Euphytica</i> , 2012, 187, 263-276.	0.6	94
98	Definition of morpho-agronomic descriptors for the characterization of yellow passion fruit. <i>Scientia Horticulturae</i> , 2012, 145, 17-22.	1.7	15
99	Genetic diversity and marker-assisted inbreeding in papaya. <i>Scientia Horticulturae</i> , 2012, 147, 20-28.	1.7	9
100	Effect of selection on genetic variability in yellow passion fruit. <i>Crop Breeding and Applied Biotechnology</i> , 2012, 12, 253-260.	0.1	17
101	Phenotypic and molecular selection of yellow passion fruit progenies in the second cycle of recurrent selection. <i>Crop Breeding and Applied Biotechnology</i> , 2012, 12, 17-24.	0.1	12
102	Selection of morpho-agronomic descriptors for characterization of papaya cultivars. <i>Euphytica</i> , 2012, 185, 253-265.	0.6	32
103	Formação de população base para seleção recorrente em maracujazeiro-amarelo com uso de Índices de seleção. <i>Pesquisa Agropecuária Brasileira</i> , 2012, 47, 393-401.	0.9	12
104	Plant selection in F2 segregating populations of papaya from commercial hybrids. <i>Crop Breeding and Applied Biotechnology</i> , 2012, 12, 191-198.	0.1	26
105	Avaliação de genótipos de mamoeiro com uso de descritores agrônômicos e estimação de parâmetros genéticos. <i>Pesquisa Agropecuária Brasileira</i> , 2011, 46, 1471-1479.	0.9	28
106	Estimativas de correlações genotípicas e fenotípicas em germoplasma de maracujazeiro. <i>Bragantia</i> , 2011, 70, 255-261.	1.3	13
107	Molecular characterization of papaya genotypes using AFLP markers. <i>Revista Brasileira De Fruticultura</i> , 2011, 33, 849-858.	0.2	11
108	ISSR Markers as a Tool for the Assessment of Genetic Diversity in <i>Passiflora</i> . <i>Biochemical Genetics</i> , 2011, 49, 540-554.	0.8	51

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109	Diversidade genética em seleção recorrente de maracujazeiro-amarelo detectada por marcadores microsatélites. Pesquisa Agropecuaria Brasileira, 2011, 46, 51-57.	0.9	21
110	Avaliação de recursos genéticos de maracujazeiro-amarelo. Pesquisa Agropecuaria Brasileira, 2011, 46, 1013-1020.	0.9	27
111	Variabilidade genética entre acessos de Umbu-Cajazeira mediante análise de marcadores ISSR. Revista Brasileira De Fruticultura, 2011, 33, 868-876.	0.2	17
112	Correlações genéticas e análise de trilha para número de frutos comerciais por planta em mamoeiro. Pesquisa Agropecuaria Brasileira, 2010, 45, 855-862.	0.9	40
113	Polymorphism of Microsatellite Markers in Papaya (<i>Carica papaya</i> L.). Plant Molecular Biology Reporter, 2010, 28, 519-530.	1.0	35
114	Polymorphic microsatellite marker set for <i>Carica papaya</i> L. and its use in molecular-assisted selection. Euphytica, 2010, 173, 279-287.	0.6	38
115	High Levels of Hybridization between Molecular Forms of <i>Anopheles gambiae</i> from Guinea Bissau. Journal of Medical Entomology, 2008, 45, 1057-1063.	0.9	64
116	Seleção em progênies de maracujazeiro-amarelo com base em Índices multivariados. Pesquisa Agropecuaria Brasileira, 2008, 43, 1543-1549.	0.9	38
117	Identificação de microsatélites para o mamoeiro por meio da exploração do banco de dados de DNA. Revista Brasileira De Fruticultura, 2008, 30, 841-845.	0.2	7
118	An Integrated Molecular Map of Yellow Passion Fruit Based on Simultaneous Maximum-likelihood Estimation of Linkage and Linkage Phases. Journal of the American Society for Horticultural Science, 2008, 133, 35-41.	0.5	44
119	Marcadores moleculares na predição do sexo em plantas de mamoeiro. Pesquisa Agropecuaria Brasileira, 2007, 42, 1747-1754.	0.9	11
120	Genetic characterization of anthracnose resistance genes Co-4 3 and Co-9 in common bean cultivar tlnepantla 64 (PI 207262). Euphytica, 2007, 154, 1-8.	0.6	40
121	Origin, evolution and genome distribution of microsatellites. Genetics and Molecular Biology, 2006, 29, 294-307.	0.6	263
122	Adaptabilidade e estabilidade de genótipos de amendoim de porte rasteiro. Pesquisa Agropecuaria Brasileira, 2006, 41, 1253-1260.	0.9	13
123	Development and characterization of microsatellite markers from the yellow passion fruit (<i>Passiflora edulis</i> f. <i>flavicarpa</i>). Molecular Ecology Notes, 2005, 5, 331-333.	1.7	38
124	Isolation and characterization of microsatellite markers from the sweet passion fruit (<i>Passiflora</i>) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 14	1.7	32
125	Molecular marker-assisted selection for development of common bean lines resistant to angular leaf spot. Plant Breeding, 2005, 124, 572-575.	1.0	22
126	Methodological approaches to assess passion fruit resistance (<i>Passiflora</i> spp.) to passionfruit woodiness disease. Bioscience Journal, 0, , 1441-1451.	0.4	5

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127	Agronomic performance of cassava genotypes from the in vitro shoot tip culture submitted to clonal cleaning. Bioscience Journal, 0, , 1144-1154.	0.4	0
128	Functionality of cassava genotypes for waxy starch. Pesquisa Agropecuaria Brasileira, 0, 56, .	0.9	3