CALabate

List of Publications by Year in descending order

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Version: 2024-02-01

67	2,169	185998	243296
papers	citations	28 h-index	44 g-index

71	71	71	3045
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Revealing the high variability on nonconserved core and mobile elements of Austropuccinia psidii and other rust mitochondrial genomes. PLoS ONE, 2021, 16, e0248054.	1.1	5
2	Targeted Metabolic Profiles of the Leaves and Xylem Sap of Two Sugarcane Genotypes Infected with the Vascular Bacterial Pathogen Leifsonia xyli subsp. xyli. Metabolites, 2021, 11, 234.	1.3	6
3	Light-stimulated T. thermophilus two-domain LPMO9H: Low-resolution SAXS model and synergy with cellulases. Carbohydrate Polymers, 2021, 260, 117814.	5.1	14
4	The pentose phosphate pathway constitutes a major metabolic hub in pathogenic Francisella. PLoS Pathogens, 2021, 17, e1009326.	2.1	16
5	Proteomics Reveals an Increase in the Abundance of Glycolytic and Ethanolic Fermentation Enzymes in Developing Sugarcane Culms During Sucrose Accumulation. Frontiers in Plant Science, 2021, 12, 716964.	1.7	4
6	A simple enzymatic assay for the quantification of C1-specific cellulose oxidation by lytic polysaccharide monooxygenases. Biotechnology Letters, 2020, 42, 93-102.	1.1	18
7	Network Analysis Combining Proteomics and Metabolomics Reveals New Insights Into Early Responses of Eucalyptus grandis During Rust Infection. Frontiers in Plant Science, 2020, 11, 604849.	1.7	12
8	Plant Cell Wall Proteomics: A Focus on Monocot Species, Brachypodium distachyon, Saccharum spp. and Oryza sativa. International Journal of Molecular Sciences, 2019, 20, 1975.	1.8	53
9	A systems biology view of wood formation in Eucalyptus grandis trees submitted to different potassium and water regimes. New Phytologist, 2019, 223, 766-782.	3.5	48
10	Sugarcane must fed-batch fermentation by Saccharomyces cerevisiae: impact of sterilized and non-sterilized sugarcane must. Antonie Van Leeuwenhoek, 2019, 112, 1177-1187.	0.7	2
11	Network Analyses and Data Integration of Proteomics and Metabolomics From Leaves of Two Contrasting Varieties of Sugarcane in Response to Drought. Frontiers in Plant Science, 2019, 10, 1524.	1.7	41
12	Spiroplasma affects host aphid proteomics feeding on two nutritional resources. Scientific Reports, 2018, 8, 2466.	1.6	9
13	Cell Wall Proteome of Sugarcane Young and Mature Leaves and Stems. Proteomics, 2018, 18, 1700129.	1.3	14
14	Hyper response to ovarian stimulation affects the follicular fluid metabolomic profile of women undergoing IVF similarly to polycystic ovary syndrome. Metabolomics, 2018, 14, 51.	1.4	17
15	Development of a quantitative real-time PCR assay using SYBR Green for early detection and quantification of Austropuccinia psidii in Eucalyptus grandis. European Journal of Plant Pathology, 2018, 150, 735-746.	0.8	32
16	Glycoside Hydrolases in Plant Cell Wall Proteomes: Predicting Functions That Could Be Relevant for Improving Biomass Transformation Processes. , 2018, , .		6
17	The Eucalyptus Cuticular Waxes Contribute in Preformed Defense Against Austropuccinia psidii. Frontiers in Plant Science, 2018, 9, 1978.	1.7	47
18	Metabolomic profiling in follicular fluid of patients with infertility-related deep endometriosis. Metabolomics, 2017, 13, 1.	1.4	6

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19	Characterization of the contaminant bacterial communities in sugarcane first-generation industrial ethanol production. FEMS Microbiology Letters, 2017, 364, .	0.7	20
20	Metabolome Dynamics of Smutted Sugarcane Reveals Mechanisms Involved in Disease Progression and Whip Emission. Frontiers in Plant Science, 2017, 8, 882.	1.7	40
21	Seasonal Variation of Carbon Metabolism in the Cambial Zone of Eucalyptus grandis. Frontiers in Plant Science, 2016, 7, 932.	1.7	8
22	Proteomic profiling identifies N-acetylmuramoyl-<scp>l</scp>-alanine amidase as a novel biomarker of sepsis. Biomarkers in Medicine, 2016, 10, 1225-1229.	0.6	5
23	Integrated analysis of gene expression from carbon metabolism, proteome and metabolome, reveals altered primary metabolism in Eucalyptus grandis bark, in response to seasonal variation. BMC Plant Biology, 2016, 16, 149.	1.6	28
24	Metabolic profiles of planktonic and biofilm cells of Candida orthopsilosis. Future Microbiology, 2016, 11, 1299-1313.	1.0	7
25	Differentially Accumulated Proteins in Coffea arabica Seeds during Perisperm Tissue Development and Their Relationship to Coffee Grain Size. Journal of Agricultural and Food Chemistry, 2016, 64, 1635-1647.	2.4	9
26	Proteomic response of the phytopathogen Phyllosticta citricarpa to antimicrobial volatile organic compounds from Saccharomyces cerevisiae. Microbiological Research, 2016, 183, 1-7.	2.5	22
27	Comparative Proteome Analysis of the Tuberous Roots of Six Cassava (Manihot esculenta) Varieties Reveals Proteins Related to Phenotypic Traits. Journal of Agricultural and Food Chemistry, 2016, 64, 3293-3301.	2.4	11
28	Cell wall proteome of sugarcane stems: comparison of a destructive and a non-destructive extraction method showed differences in glycoside hydrolases and peroxidases. BMC Plant Biology, 2016, 16, 14.	1.6	29
29	Label-Free Quantitative Proteomic Analysis of Puccinia psidii Uredospores Reveals Differences of Fungal Populations Infecting Eucalyptus and Guava. PLoS ONE, 2016, 11, e0145343.	1.1	18
30	Physiological and transcriptional analyses of developmental stages along sugarcane leaf. BMC Plant Biology, 2015, 15, 300.	1.6	64
31	Prospection and Evaluation of (Hemi) Cellulolytic Enzymes Using Untreated and Pretreated Biomasses in Two Argentinean Native Termites. PLoS ONE, 2015, 10, e0136573.	1.1	24
32	Proteomics and Metabolomics as Large-Scale Phenotyping Tools. , 2015, , 125-139.		1
33	Alterations of protein expression in conditions of copper-deprivation for Paracoccidioides lutzii in the presence of extracellular matrix components. BMC Microbiology, 2014, 14, 302.	1.3	23
34	ProbMetab: an R package for Bayesian probabilistic annotation of LCâ€“MS-based metabolomics. Bioinformatics, 2014, 30, 1336-1337.	1.8	51
35	Cell wall proteomics of sugarcane cell suspension cultures. Proteomics, 2014, 14, 738-749.	1.3	55
36	Genetic Variability in Puccinia psidii Populations as Revealed by PCR-DGGE and T-RFLP Markers. Plant Disease, 2014, 98, 16-23.	0.7	9

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37	Heat shock and structural proteins associated with meat tenderness in Nellore beef cattle, a Bos indicus breed. Meat Science, 2014, 96, 1318-1324.	2.7	79
38	Evaluating the composition and processing potential of novel sources of Brazilian biomass for sustainable biorenewables production. Biotechnology for Biofuels, 2014, 7, 10.	6.2	87
39	Effects of pretreatment on morphology, chemical composition and enzymatic digestibility of eucalyptus bark: a potentially valuable source of fermentable sugars for biofuel production â€“ part 1. Biotechnology for Biofuels, 2013, 6, 75.	6.2	108
40	Relationship between N, P, and K and the quality and stem structural characteristics of Caesalpinia echinata Lam. plants. Trees - Structure and Function, 2013, 27, 1477-1484.	0.9	9
41	A simple protocol for whole leaf preparation to investigate the interaction between Puccinia psidii and Eucalyptus grandis. Australasian Plant Pathology, 2013, 42, 79-84.	0.5	26
42	Renal Proteome in Mice with Different Susceptibilities to Fluorosis. PLoS ONE, 2013, 8, e53261.	1.1	21
43	Characterization of a Toxoneuron nigriceps (Viereck) (Hymenoptera: Braconidae) â€“ derived chitinase and its potential for pest control. Pesticide Biochemistry and Physiology, 2012, 104, 96-102.	1.6	9
44	Proteomic analysis of Porphyromonas gingivalis exposed to nicotine and cotinine. Journal of Periodontal Research, 2012, 47, 766-775.	1.4	14
45	Proteomic analysis of papaya fruit ripening using 2DE-DIGE. Journal of Proteomics, 2012, 75, 1428-1439.	1.2	78
46	Germination, carbohydrate composition and vigor of cryopreserved Caesalpinia echinata seeds. Brazilian Archives of Biology and Technology, 2012, 55, 661-669.	0.5	6
47	Analysis of the biofilm proteome of Xylella fastidiosa. Proteome Science, 2011, 9, 58.	0.7	25
48	Cloning and endogenous expression of a Eucalyptus grandis UDP-glucose dehydrogenase cDNA. Genetics and Molecular Biology, 2010, 33, 686-695.	0.6	7
49	Expression of Xylella fastidiosa Fimbrial and Afimbrial Proteins during Biofilm Formation. Applied and Environmental Microbiology, 2010, 76, 4250-4259.	1.4	62
50	Phosphoproteomics Profiling Suggests a Role for Nuclear Î²Î™PKC in Transcription Processes of Undifferentiated Murine Embryonic Stem Cells. Journal of Proteome Research, 2010, 9, 6191-6206.	1.8	12
51	Bacterial community in the rhizosphere and rhizoplane of wild type and transgenic eucalyptus. World Journal of Microbiology and Biotechnology, 2009, 25, 1065-1073.	1.7	20
52	Culture-Independent Assessment of Rhizobiales-Related Alphaproteobacteria and the Diversity of Methylobacterium in the Rhizosphere and Rhizoplane of Transgenic Eucalyptus. Microbial Ecology, 2009, 57, 82-93.	1.4	44
53	Transgenic tobacco revealing altered bacterial diversity in the rhizosphere during early plant development. Antonie Van Leeuwenhoek, 2008, 93, 415-424.	0.7	53
54	SAGE transcript profiling of the juvenile cambial region of Eucalyptus grandis. Tree Physiology, 2008, 28, 905-919.	1.4	31

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55	Comparison of the expression profiles of susceptible and resistant Eucalyptus grandis exposed to Puccinia psidii Winter using SAGE. Functional Plant Biology, 2007, 34, 1010.	1.1	36
56	Proteomic analysis of the cambial region in juvenileEucalyptus grandis at three ages. Proteomics, 2007, 7, 2258-2274.	1.3	51
57	Brazilian coffee genome project: an EST-based genomic resource. Brazilian Journal of Plant Physiology, 2006, 18, 95-108.	0.5	112
58	Constitutive expression of pea Lhcb 1?2 in tobacco affects plant development, morphology and photosynthetic capacity. Plant Molecular Biology, 2004, 55, 701-714.	2.0	34
59	Production of transgenic Eucalyptus grandis x E. urophylla using the sonication-assisted Agrobacterium transformation (SAAT) system. Functional Plant Biology, 2002, 29, 97.	1.1	32
60	Symptomless infection of banana and maize by endophytic fungi impairs photosynthetic efficiency. New Phytologist, 2000, 147, 609-615.	3.5	117
61	Targeting of the soybean leghemoglobin to tobacco chloroplasts: effects on aerobic metabolism in transgenic plants. Plant Science, 2000, 155, 193-202.	1.7	27
62	Factors influencing the capacity for photosynthetic carbon assimilation in barley leaves at low temperatures. Planta, 1990, 182, 492-500.	1.6	8
63	Effects of temperature on the regulation of photosynthetic carbon assimilation in leaves of maize and barley. Planta, 1990, 181, 547-54.	1.6	81
64	Influence of Low Temperature on Respiration and Contents of Phosphorylated Intermediates in Darkened Barley Leaves. Plant Physiology, 1989, 91, 905-910.	2.3	32
65	Limitation of photosynthesis by changes in temperature. Planta, 1988, 173, 519-527.	1.6	114
66	Phosphate sequestration by glycerol and its effects on photosynthetic carbon assimilation by leaves. Planta, 1988, 176, 117-126.	1.6	44
67	Proline Exogenously Supplied or Endogenously Overproduced Induces Different Nutritional, Metabolic, and Antioxidative Responses in Transgenic Tobacco Exposed to Cadmium. Journal of Plant Growth Regulation, 0, , 1.	2.8	8