

Chenggang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

504
citations

623734

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h-index

752698

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32
all docs

32
docs citations

32
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of osmotic adjustment and ascorbate-glutathione cycle to heat stress in a heat-sensitive and a heat-tolerant genotype of wucaï (<i>Brassica campestris</i> L.). <i>Scientia Horticulturae</i> , 2016, 211, 87-94.	3.6	44
2	Effects of heat stress on photosynthetic characteristics and chloroplast ultrastructure of a heat-sensitive and heat-tolerant cultivar of wucaï (<i>Brassica campestris</i> L.). <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	41
3	Effects of exogenous IAA in regulating photosynthetic capacity, carbohydrate metabolism and yield of <i>Zizania latifolia</i> . <i>Scientia Horticulturae</i> , 2019, 253, 276-285.	3.6	36
4	Comparative Transcriptome Analysis between Fertile and CMS Flower Buds in Wucai (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.8	35
5	Transcriptome analysis reveals a positive effect of brassinosteroids on the photosynthetic capacity of wucaï under low temperature. <i>BMC Genomics</i> , 2019, 20, 810.	2.8	29
6	Gene co-expression network analysis reveals key pathways and hub genes in Chinese cabbage (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10	2.8	29
7	Influence of heat stress on leaf morphology and nitrogen and carbohydrate metabolisms in two wucaï (<i>Brassica campestris</i> L.) genotypes. <i>Acta Societatis Botanicorum Poloniae</i> , 2017, 86, .	0.8	28
8	Comparative response of two wucaï (<i>Brassica campestris</i> L.) genotypes to heat stress on antioxidative system and cell ultrastructure in root. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	27
9	Comparative Proteomics Indicates That Redox Homeostasis Is Involved in High- and Low-Temperature Stress Tolerance in a Novel Wucai (<i>Brassica campestris</i> L.) Genotype. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3760.	4.1	23
10	Transgenic Wucai (<i>Brassica campestris</i> L.) produced via <i>Agrobacterium</i> -mediated anther transformation in planta. <i>Plant Cell Reports</i> , 2019, 38, 577-586.	5.6	20
11	Comprehensive Evaluation for Cold Tolerance in Wucai (<i>Brassica campestris</i> L.) by the Performance Index on an Absorption Basis (Plabs). <i>Agronomy</i> , 2019, 9, 61.	3.0	18
12	Comparative Proteomic Analysis Reveals That Chlorophyll Metabolism Contributes to Leaf Color Changes in Wucai (<i>Brassica campestris</i> L.) Responding to Cold Acclimation. <i>Journal of Proteome Research</i> , 2019, 18, 2478-2492.	3.7	17
13	Genome-wide analysis of proline-rich extension-like receptor protein kinase (PERK) in <i>Brassica rapa</i> and its association with the pollen development. <i>BMC Genomics</i> , 2020, 21, 401.	2.8	16
14	Influence of High Temperature on Photosynthesis, Antioxidative Capacity of Chloroplast, and Carbon Assimilation among Heat-tolerant and Heat-susceptible Genotypes of Nonheading Chinese Cabbage. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 1464-1470.	1.0	15
15	Comparative Transcriptome Analysis of Gene Expression and Regulatory Characteristics Associated with Different Vernalization Periods in <i>Brassica rapa</i> . <i>Genes</i> , 2020, 11, 392.	2.4	13
16	Functional analysis of a MYB transcription factor BrTDF1 in the tapetum development of Wucai (<i>Brassica rapa</i> ssp.). <i>Scientia Horticulturae</i> , 2019, 257, 108728.	3.6	11
17	Response of photosynthetic capacity and antioxidative system of chloroplast in two wucaï (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62	3.1	11
18	Transcriptome analysis and differential gene expression profiling of wucaï (<i>Brassica campestris</i> L.) in response to cold stress. <i>BMC Genomics</i> , 2022, 23, 137.	2.8	11

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19	Characterization and transcriptomic analysis of a novel yellow-green leaf wucai (<i>Brassica campestris</i>) Tj ETQq1 1 0.784314 rgBT /Over	2.8	10
20	Physiological and Transcriptomic Analyses Elucidate That Exogenous Calcium Can Relieve Injuries to Potato Plants (<i>Solanum tuberosum</i> L.) under Weak Light. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5133.	4.1	8
21	Transcriptome Analysis Reveals the Symbiotic Mechanism of <i>Ustilago esculenta</i> -Induced Gall Formation of <i>Zizania latifolia</i> . <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 168-185.	2.6	8
22	Comparative transcriptome analysis reveals that chlorophyll metabolism contributes to leaf color changes in wucai (<i>Brassica campestris</i> L.) in response to cold. <i>BMC Plant Biology</i> , 2021, 21, 438.	3.6	8
23	Transcriptional profiling reveals changes in gene regulation and signaling transduction pathways during temperature stress in wucai (<i>Brassica campestris</i> L.). <i>BMC Genomics</i> , 2021, 22, 687.	2.8	8
24	Heat stress response in Chinese cabbage (<i>Brassica rapa</i> L.) revealed by transcriptome and physiological analysis. <i>PeerJ</i> , 0, 10, e13427.	2.0	8
25	Comparative Proteomics Reveals Cold Acclimation Machinery Through Enhanced Carbohydrate and Amino Acid Metabolism in Wucai (<i>Brassica Campestris</i> L.). <i>Plants</i> , 2019, 8, 474.	3.5	7
26	The effect of exogenous 24-epibrassinolide pretreatment on the quality, antioxidant capacity, and postharvest life of wucai (<i>Brassica campestris</i> L.). <i>Food Science and Nutrition</i> , 2021, 9, 1323-1335.	3.4	6
27	Effects of Ca(NO ₃) ₂ Stress on Mitochondria and Nitrogen Metabolism in Roots of Cucumber Seedlings. <i>Agronomy</i> , 2020, 10, 167.	3.0	6
28	Morphological characteristics and transcriptome analysis at different anther development stages of the male sterile mutant MS7-2 in Wucai (<i>Brassica campestris</i> L.). <i>BMC Genomics</i> , 2021, 22, 654.	2.8	5
29	Characterization and utilization of a cytoplasmic male sterility line of Wucai (<i>Brassica campestris</i> L.). <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 373-382.	2.1	3
30	Identification of Low-Light-Resistant Germplasm and Related Loci of Soybean. <i>Agronomy</i> , 2022, 12, 1483.	3.0	2