

De-Gang Zhao

List of Publications by Year in descending order

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39
papers

590
citations

623734

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677142

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39
docs citations

39
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic diversity, linkage disequilibrium, and population structure analysis of the tea plant (<i>Camellia</i>) Tj ETQq1 1 0.784314 rgBT /Overlo genotyping-by-sequencing. <i>BMC Plant Biology</i> , 2019, 19, 328.	3.6	65
2	Overview of <i>Stachybotrys</i> (<i>Memnoniella</i>) and current species status. <i>Fungal Diversity</i> , 2015, 71, 17-83.	12.3	43
3	Heavy Metal Transporters-Associated Proteins in <i>Solanum tuberosum</i> : Genome-Wide Identification, Comprehensive Gene Feature, Evolution and Expression Analysis. <i>Genes</i> , 2020, 11, 1269.	2.4	33
4	Bryophytes and the symbiotic microorganisms, the pioneers of vegetation restoration in karst rocky desertification areas in southwestern China. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 873-891.	3.6	30
5	Low concentration of sodium bicarbonate improves the bioactive compound levels and antioxidant and β -glucosidase inhibitory activities of tartary buckwheat sprouts. <i>Food Chemistry</i> , 2017, 224, 124-130.	8.2	27
6	Overexpression of a New Chitinase Gene <i>EuCHIT2</i> Enhances Resistance to <i>Erysiphe cichoracearum</i> DC. in Tobacco Plants. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2361.	4.1	27
7	Comparative Proteomic Analysis by iTRAQ Reveals that Plastid Pigment Metabolism Contributes to Leaf Color Changes in Tobacco (<i>Nicotiana tabacum</i>) during Curing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2394.	4.1	25
8	Overexpression of the <i>OsIMP</i> Gene Increases the Accumulation of Inositol and Confers Enhanced Cold Tolerance in Tobacco through Modulation of the Antioxidant Enzymes' Activities. <i>Genes</i> , 2017, 8, 179.	2.4	24
9	Genome-level diversification of eight ancient tea populations in the Guizhou and Yunnan regions identifies candidate genes for core agronomic traits. <i>Horticulture Research</i> , 2021, 8, 190.	6.3	24
10	<i>Diaporthe</i> species in south-western China. <i>MycKeys</i> , 2019, 57, 113-127.	1.9	24
11	Identification of novel heavy metal detoxification proteins in <i>Solanum tuberosum</i> : Insights to improve food security protection from metal ion stress. <i>Science of the Total Environment</i> , 2021, 779, 146197.	8.0	22
12	Identification of a New Rice Low-Tiller Mutant and Association Analyses Based on the SLAF-seq Method. <i>Plant Molecular Biology Reporter</i> , 2017, 35, 72-82.	1.8	19
13	Heterologous expression of synthetic chicken IFN- β in transgenic tobacco plants. <i>Biologia (Poland)</i> , 2009, 64, 1115-1122.	1.5	17
14	<i>Curvularia microspora</i> sp. nov. associated with leaf diseases of <i>Hippeastrum striatum</i> in China. <i>MycKeys</i> , 2018, 29, 49-61.	1.9	16
15	Expression of IPT in <i>Asakura-sanshoo</i> (<i>Zanthoxylum piperitum</i> (L.) DC. f. <i>inermis</i> Makino) Alters Tree Architecture, Delays Leaf Senescence, and Changes Leaf Essential Oil Composition. <i>Plant Molecular Biology Reporter</i> , 2016, 34, 649-658.	1.8	15
16	iTRAQ-based comparative proteomic analysis reveals high temperature accelerated leaf senescence of tobacco (<i>Nicotiana tabacum</i> L.) during flue-curing. <i>Genomics</i> , 2020, 112, 3075-3088.	2.9	15
17	Changes in water loss and cell wall metabolism during postharvest withering of tobacco (<i>Nicotiana</i>) Tj ETQq1 1 0.784314 rgBT /Overlo and <i>Biochemistry</i> , 2020, 150, 121-132.	5.8	14
18	Cloning, characterization, and enzymatic identification of a new tryptophan decarboxylase from <i>Ophiorrhiza pumila</i> . <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 381-389.	3.1	14

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19	Transcriptome Dynamics of Double Recessive Mutant, o2o2o16o16, Reveals the Transcriptional Mechanisms in the Increase of Its Lysine and Tryptophan Content in Maize. <i>Genes</i> , 2019, 10, 316.	2.4	12
20	Haploid induction in allotetraploid tobacco using DMPs mutation. <i>Planta</i> , 2022, 255, 98.	3.2	12
21	Overexpression of the Transcription Factor NtNAC2 Confers Drought Tolerance in Tobacco. <i>Plant Molecular Biology Reporter</i> , 2018, 36, 543-552.	1.8	11
22	The Zea mays mutants opaque2 and opaque16 disclose lysine change in waxy maize as revealed by RNA-Seq. <i>Scientific Reports</i> , 2019, 9, 12265.	3.3	10
23	Physiological Changes and Differential Gene Expression of Tea Plants (<i>Camellia sinensis</i> (L.) Kuntze) Tj ETQq1 1 0.784314 rgBT /Overload	1.9	10
24	Novel Hybrids of Podophyllotoxin and Coumarin Inhibit the Growth and Migration of Human Oral Squamous Carcinoma Cells. <i>Frontiers in Chemistry</i> , 2020, 8, 626075.	3.6	9
25	Constitutive expression of <i>McCHIT1â€™PAT</i> enhances resistance to rice blast and herbicide, but does not affect grain yield in transgenic glutinous rice. <i>Biotechnology and Applied Biochemistry</i> , 2016, 63, 77-85.	3.1	8
26	Do microbial protein elicitors PeaT1 obtained from <i>Alternaria tenuissima</i> and PeBL1 from <i>Brevibacillus laterosporus</i> enhance defense response against tomato aphid (<i>Myzus persicae</i>)?. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3242-3248.	3.8	8
27	Molecular Mechanisms Underlying Increase in Lysine Content of Waxy Maize through the Introgression of the opaque2 Allele. <i>International Journal of Molecular Sciences</i> , 2019, 20, 684.	4.1	7
28	Cloning and characterization of the DIR1 promoter from <i>Eucommia ulmoides</i> Oliv and its response to hormonal and abiotic stress. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 146, 313-322.	2.3	6
29	Genome-wide identification and genetic characterization of the CaMYB family and its response to five types of heavy metal stress in hot pepper (<i>Capsicum annum</i> cv. CM334). <i>Plant Physiology and Biochemistry</i> , 2022, 170, 98-109.	5.8	6
30	RNA interference of the nicotine demethylase gene CYP82E4v1 reduces nornicotine content and enhances <i>Myzus persicae</i> resistance in <i>Nicotiana tabacum</i> L. <i>Plant Physiology and Biochemistry</i> , 2016, 107, 214-221.	5.8	5
31	Evaluation of the ecological benefits of tea gardens in Meitan County, China, using the InVEST model. <i>Environment, Development and Sustainability</i> , 2021, 23, 7140-7155.	5.0	5
32	Identification of a novel laccase gene EuLAC1 and its potential resistance against <i>Botrytis cinerea</i> . <i>Transgenic Research</i> , 2022, 31, 215-225.	2.4	5
33	Isolation and Characterization of Dimethoate Degrading Phytopathogen Fungus from Soil. , 2009, , .		4
34	Genetic Diversity of Ancient <i>Camellia sinensis</i> (L.) O.Kuntze in Sandu County of Guizhou Province in China. <i>Diversity</i> , 2021, 13, 276.	1.7	4
35	Dietary <i>Eucommia ulmoides</i> Extract Alleviates the Effect of Cold Stress on Chick Growth Performance, Antioxidant and Immune Ability. <i>Animals</i> , 2021, 11, 3008.	2.3	4
36	Continuous biosynthesis of abscisic acid (ABA) may be required for maintaining dormancy of isolated embryos and intact seeds of <i>Euonymus alatus</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 108, 493-500.	2.3	3

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37	Identification of differentially expressed genes that potentially confer pest resistance in transgenic ChIFN-1 ³ tobacco. <i>Gene</i> , 2014, 543, 181-189.	2.2	3
38	Selectable marker-free co-expression of <i>Nicotiana rustica</i> CN and <i>Nicotiana tabacum</i> HAK1 genes improves resistance to tobacco mosaic virus in tobacco. <i>Functional Plant Biology</i> , 2015, 42, 802.	2.1	2
39	Transcriptome analysis of easy- and hard-to-root tea plants uncovers roles for CsGH3.2 and CsGH3.3 in adventitious root formation. <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 150, 385-398.	2.3	2