

Xinhong Guo

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Plastid casein kinase 2 knockout reduces abscisic acid (ABA) sensitivity, thermotolerance, and expression of ABA- and heat-stress-responsive nuclear genes. <i>Journal of Experimental Botany</i> , 2014, 65, 4159-4175.	4.8	72
2	A Lectin Receptor Kinase Positively Regulates ABA Response During Seed Germination and Is Involved in Salt and Osmotic Stress Response. <i>Journal of Plant Biology</i> , 2009, 52, 493-500.	2.1	65
3	Abiotic stress upregulated TaZFP34 represses the expression of type-B response regulator and SHY2 genes and enhances root to shoot ratio in wheat. <i>Plant Science</i> , 2016, 252, 88-102.	3.6	41
4	The specific DNA barcodes based on chloroplast genes for species identification of Orchidaceae plants. <i>Scientific Reports</i> , 2021, 11, 1424.	3.3	35
5	Inheritance of Virulence, Construction of a Linkage Map, and Mapping Dominant Virulence Genes in <i>Puccinia striiformis</i> f. sp. <i>tritici</i> Through Characterization of a Sexual Population with Genotyping-by-Sequencing. <i>Phytopathology</i> , 2018, 108, 133-141.	2.2	31
6	Cell membrane proteins with high N-glycosylation, high expression and multiple interaction partners are preferred by mammalian viruses as receptors. <i>Bioinformatics</i> , 2019, 35, 723-728.	4.1	31
7	A glucuronokinase gene in Arabidopsis, AtGlcAK, is involved in drought tolerance by modulating sugar metabolism. <i>Plant Molecular Biology Reporter</i> , 2017, 35, 298-311.	1.8	22
8	Lectin receptor-like kinase LecRK-VIII.2 is a missing link in MAPK signaling-mediated yield control. <i>Plant Physiology</i> , 2021, 187, 303-320.	4.8	19
9	CKB1 is involved in abscisic acid and gibberellic acid signaling to regulate stress responses in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Research</i> , 2017, 130, 587-598.	2.4	15
10	<i>Arabidopsis</i> casein kinase 1-like 2 involved in abscisic acid signal transduction pathways. <i>Journal of Plant Interactions</i> , 2014, 9, 19-25.	2.1	12
11	CKB 1 regulates expression of ribosomal protein L10 family gene and plays a role in UV-B response. <i>Plant Biology</i> , 2020, 22, 143-152.	3.8	12
12	LecRK-VII.1, a Lectin Receptor-Like Kinase, Mediates the Regulation of Salt Stress and Jasmonic Acid Response in Arabidopsis. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 385-401.	5.1	10
13	Quantitative phosphoproteomics of lectin receptor-like kinase VI.4 dependent abscisic acid response in <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2019, 165, 728-745.	5.2	10
14	Comprehensive genomic survey, structural classification and expression analysis of C2H2-type zinc finger factor in wheat (<i>Triticum aestivum</i> L.). <i>BMC Plant Biology</i> , 2021, 21, 380.	3.6	10
15	Genome-wide identification, classification and expression analysis of GHMP genes family in <i>Arabidopsis thaliana</i> . <i>Plant Systematics and Evolution</i> , 2015, 301, 2125-2140.	0.9	8
16	The specific DNA barcodes based on chloroplast genes for species identification of Theaceae plants. <i>Physiology and Molecular Biology of Plants</i> , 2022, 28, 837-848.	3.1	8
17	Molecular Characterization and Dietary Regulation of the AlaSerCys Transporter 2 in Grass Carp, <i>Ctenopharyngodon idella</i> . <i>Journal of the World Aquaculture Society</i> , 2017, 48, 333-341.	2.4	7
18	Comprehensive Genome-Wide Identification, Characterization, and Expression Analysis of CCHC-Type Zinc Finger Gene Family in Wheat (<i>Triticum aestivum</i> L.). <i>Frontiers in Plant Science</i> , 2022, 13, 892105.	3.6	6

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19	The Influence of Short-term Fasting on Muscle Growth and Fiber Hypotrophy Regulated by the Rhythmic Expression of Clock Genes and Myogenic Factors in Nile Tilapia. <i>Marine Biotechnology</i> , 2018, 20, 750-768.	2.4	4
20	LecRK- β 2 mediates the cross-talk between sugar and brassinosteroid during hypocotyl elongation in <i>Arabidopsis</i> . <i>Reproduction and Breeding</i> , 2021, 1, 55-63.	1.6	4
21	Quantitation of Mitochondrial DNA Deletions Via Restriction Digestion/Long-Range Single-Molecule PCR. <i>Methods in Molecular Biology</i> , 2016, 1351, 33-46.	0.9	4
22	MiRNAs-Modulation of Nrf2 Signaling Networks in Regulation Oxidative Stress of Chinese Perch Skeletal Muscle After Fasting Treatment. <i>Marine Biotechnology</i> , 2020, 22, 620-630.	2.4	3
23	The interruptive effect of electric shock on odor response requires mushroom bodies in <i>Drosophila melanogaster</i> . <i>Genes, Brain and Behavior</i> , 2019, 18, e12488.	2.2	2
24	The complete mitochondrial genome sequence of <i>Cirrhinus mrigala</i> (TM) and <i>Labeo rohita</i> (TM). <i>Mitochondrial DNA</i> , 2016, 27, 1-2.	0.8	0