

Bizeng Mao

List of Publications by Year in descending order

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34
papers

2,451
citations

304743

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377865

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34
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docs citations

34
times ranked

3552
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic regulation of antagonistic receptors confers rice blast resistance with yield balance. <i>Science</i> , 2017, 355, 962-965.	12.6	439
2	ELONGATED UPPERMOST INTERNODE Encodes a Cytochrome P450 Monooxygenase That Epoxidizes Gibberellins in a Novel Deactivation Reaction in Rice. <i>Plant Cell</i> , 2006, 18, 442-456.	6.6	340
3	Silencing <i>Osh1</i> makes rice more susceptible to chewing herbivores, but enhances resistance to a phloem feeder. <i>Plant Journal</i> , 2009, 60, 638-648.	5.7	244
4	Arsenic toxicity in plants: Cellular and molecular mechanisms of its transport and metabolism. <i>Environmental and Experimental Botany</i> , 2016, 132, 42-52.	4.2	213
5	Overexpression of receptor-like kinase ERECTA improves thermotolerance in rice and tomato. <i>Nature Biotechnology</i> , 2015, 33, 996-1003.	17.5	171
6	The rice hydroperoxide lyase OsHPL3 functions in defense responses by modulating the oxylipin pathway. <i>Plant Journal</i> , 2012, 71, 763-775.	5.7	140
7	Flowering time variation in oilseed rape (<i>Brassica napus</i> L.) is associated with allelic variation in the FRIGIDA homologue BnaA.FRI.a. <i>Journal of Experimental Botany</i> , 2011, 62, 5641-5658.	4.8	114
8	Rice RING protein OsBBI1 with E3 ligase activity confers broad-spectrum resistance against <i>Magnaporthe oryzae</i> by modifying the cell wall defence. <i>Cell Research</i> , 2011, 21, 835-848.	12.0	80
9	Role of exogenous salicylic acid in regulating physio-morphic and molecular changes under chromium toxicity in black- and yellow- seeded <i>Brassica napus</i> L.. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20483-20496.	5.3	79
10	Comparative transcriptome profiling of two <i>Brassica napus</i> cultivars under chromium toxicity and its alleviation by reduced glutathione. <i>BMC Genomics</i> , 2016, 17, 885.	2.8	69
11	Fine mapping and candidate gene analysis of the novel thermo-sensitive genic male sterility <i>tms9-1</i> gene in rice. <i>Theoretical and Applied Genetics</i> , 2014, 127, 1173-1182.	3.6	50
12	The Systemic Acquired Resistance Regulator OsNPR1 Attenuates Growth by Repressing Auxin Signaling through Promoting IAA-Amido Synthase Expression. <i>Plant Physiology</i> , 2016, 172, 546-558.	4.8	50
13	Alpha-picolinic acid, a fungal toxin and mammal apoptosis-inducing agent, elicits hypersensitive-like response and enhances disease resistance in rice. <i>Cell Research</i> , 2004, 14, 27-33.	12.0	42
14	Reduced Glutathione Mediates Pheno-Ultrastructure, Kinome and Transportome in Chromium-Induced <i>Brassica napus</i> L.. <i>Frontiers in Plant Science</i> , 2017, 8, 2037.	3.6	42
15	Complementary RNA-Sequencing Based Transcriptomics and iTRAQ Proteomics Reveal the Mechanism of the Alleviation of Quinlorac Stress by Salicylic Acid in <i>Oryza sativa</i> ssp. japonica. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1975.	4.1	41
16	N-acetylchitoooligosaccharides elicit rice defence responses including hypersensitive response-like cell death, oxidative burst and defence gene expression. <i>Physiological and Molecular Plant Pathology</i> , 2004, 64, 263-271.	2.5	39
17	Effect of salinity on physiological characteristics, yield and quality of microtubers in vitro in potato. <i>Acta Physiologiae Plantarum</i> , 2005, 27, 481-489.	2.1	38
18	Plasma Membrane Localization and Potential Endocytosis of Constitutively Expressed XA21 Proteins in Transgenic Rice. <i>Molecular Plant</i> , 2010, 3, 917-926.	8.3	38

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19	Anti-inflammatory effects of <i>Ganoderma lucidum</i> sterols via attenuation of the p38 MAPK and NF- κ B pathways in LPS-induced RAW 264.7 macrophages. <i>Food and Chemical Toxicology</i> , 2021, 150, 112073.	3.6	38
20	Co-expression of RCH10 and AGLU1 confers rice resistance to fungal sheath blight <i>Rhizoctonia solani</i> and blast <i>Magnorpathe oryzae</i> and reveals impact on seed germination. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 1229-1238.	3.6	35
21	Delaying the biosynthesis of aromatic secondary metabolites in postharvest strawberry fruit exposed to elevated CO ₂ atmosphere. <i>Food Chemistry</i> , 2020, 306, 125611.	8.2	35
22	Overexpression of PvCO1, a bamboo CONSTANS-LIKE gene, delays flowering by reducing expression of the FT gene in transgenic <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , 2018, 18, 232.	3.6	27
23	Metabolomic and transcriptomic analyses reveal the regulation of pigmentation in the purple variety of <i>Dendrobium officinale</i> . <i>Scientific Reports</i> , 2020, 10, 17700.	3.3	25
24	Overexpression of PvGF14c from <i>Phyllostachys violascens</i> Delays Flowering Time in Transgenic <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 105.	3.6	10
25	Molecular and Pathogenic Characterization of <i>Fusarium</i> Species Associated with Corm Rot Disease in Saffron from China. <i>Journal of Fungus (Basel, Switzerland)</i> , 2022, 8, 515.	3.5	9
26	Metabolic Profiling of Terpene Diversity and the Response of Prenylsynthase-Terpene Synthase Genes during Biotic and Abiotic Stresses in <i>Dendrobium catenatum</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 6398.	4.1	8
27	Identification and Characterization of <i>Fusarium nirenbergiae</i> Associated with Saffron Corm Rot Disease. <i>Plant Disease</i> , 2022, 106, 486-495.	1.4	7
28	Analysis method development and health risk assessment of pesticide and heavy metal residues in <i>Dendrobium Candidum</i> . <i>RSC Advances</i> , 2022, 12, 6869-6875.	3.6	5
29	Production of Virus-Free Chrysanthemum (<i>Chrysanthemum morifolium</i> Ramat) by Tissue Culture Techniques. <i>Methods in Molecular Biology</i> , 2022, 2400, 171-186.	0.9	5
30	Effects of plant growth regulators on the rapid proliferation of shoots and root induction in the Chinese traditional medicinal plant <i>Atractylodes macrocephala</i> . <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2009, 4, 217-221.	0.2	4
31	Identification and Expression Profiling of Nonphosphorus Glycerolipid Synthase Genes in Response to Abiotic Stresses in <i>Dendrobium catenatum</i> . <i>Plants</i> , 2021, 10, 1204.	3.5	4
32	Insight into the root growth, soil quality, and assembly of the root-associated microbiome in the virus-free <i>Chrysanthemum morifolium</i> . <i>Industrial Crops and Products</i> , 2022, 176, 114362.	5.2	4
33	Determination and Dietary Intake Risk Assessment of Pesticide Residues in <i>Fritillariae Thunbergii</i> Bulbs and Cultivated Soils. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 404-412.	1.5	3
34	Regulation of phenylpropanoid metabolism during moderate freezing and post-freezing recovery in <i>Dendrobium officinale</i> . <i>Journal of Plant Interactions</i> , 2022, 17, 290-300.	2.1	3