

Tao Su

List of Publications by Year in descending order

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26
papers

772
citations

623734

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all docs

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docs citations

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times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of exogenous L-Glutamine as a sole nitrogen source on physiological characteristics and nitrogen use efficiency of poplar. <i>Plant Physiology and Biochemistry</i> , 2022, 172, 1-13.	5.8	15
2	Novel Molecular-Level Insight into the Self-Healing Behavior and Mechanism of Polyurethane-Urea Elastomer Based on a Noncovalent Strategy. <i>Macromolecules</i> , 2022, 55, 4776-4789.	4.8	19
3	New Insight into Aspartate Metabolic Pathways in Populus: Linking the Root Responsive Isoenzymes with Amino Acid Biosynthesis during Incompatible Interactions of <i>Fusarium solani</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 6368.	4.1	4
4	Transcriptomic Profiling of Populus Roots Challenged with <i>Fusarium</i> Reveals Differential Responsive Patterns of Invertase and Invertase Inhibitor-Like Families within Carbohydrate Metabolism. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 89.	3.5	7
5	The complete plastid genome sequence of <i>Ilex suaveolens</i> (H. LÃ©v.) Loes, the most abundant medicinal holly in Mount Huangshan. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 468-469.	0.4	2
6	l-Aspartate: An Essential Metabolite for Plant Growth and Stress Acclimation. <i>Molecules</i> , 2021, 26, 1887.	3.8	73
7	<i>Solanum aethiopicum</i> : The Nutrient-Rich Vegetable Crop with Great Economic, Genetic Biodiversity and Pharmaceutical Potential. <i>Horticulturae</i> , 2021, 7, 126.	2.8	18
8	The complete chloroplast genome sequence of <i>Myricaria elegans</i> : an endemic species to the Himalayas. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 3343-3345.	0.4	2
9	Comparative Survey of Morphological Variations and Plastid Genome Sequencing Reveals Phylogenetic Divergence between Four Endemic <i>Ilex</i> Species. <i>Forests</i> , 2020, 11, 964.	2.1	14
10	Molecular and Biological Properties of Snakins: The Foremost Cysteine-Rich Plant Host Defense Peptides. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 220.	3.5	38
11	The complete chloroplast genome sequence of <i>Populus deltoides</i> 'Siyang-2'. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 283-285.	0.4	5
12	Complete chloroplast genome sequence and phylogenetic analysis of <i>Ilex viridis</i> Champ. ex Benth. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 914-915.	0.4	0
13	The complete plastid genome sequence of <i>Ilex micrococca</i> Maxim. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 916-917.	0.4	0
14	Genome-Wide Characterization of AspATs in Populus: Gene Expression Variation and Enzyme Activities in Response to Nitrogen Perturbations. <i>Forests</i> , 2019, 10, 449.	2.1	13
15	Functional Characterization of Invertase Inhibitors PtC/VIF1 and 2 Revealed Their Involvements in the Defense Response to Fungal Pathogen in <i>Populus trichocarpa</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1654.	3.6	17
16	Genome-Wide Survey of Invertase Encoding Genes and Functional Characterization of an Extracellular Fungal Pathogen-Responsive Invertase in <i>Glycine max</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2395.	4.1	21
17	Suppression of extracellular invertase inhibitor gene expression improves seed weight in soybean (<i>Glycine max</i>). <i>Journal of Experimental Botany</i> , 2017, 68, erw425.	4.8	58
18	Chicory R2R3-MYB transcription factors CiMYB5 and CiMYB3 regulate fructan 1-exohydrolase expression in response to abiotic stress and hormonal cues. <i>Journal of Experimental Botany</i> , 2017, 68, 4323-4338.	4.8	39

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19	Identification of Nitrogen Use Efficiency Genes in Barley: Searching for QTLs Controlling Complex Physiological Traits. <i>Frontiers in Plant Science</i> , 2016, 7, 1587.	3.6	59
20	Linking Expression of Fructan Active Enzymes, Cell Wall Invertases and Sucrose Transporters with Fructan Profiles in Growing Taproot of Chicory (<i>Cichorium intybus</i>): Impact of Hormonal and Environmental Cues. <i>Frontiers in Plant Science</i> , 2016, 7, 1806.	3.6	26
21	Reassessment of an Arabidopsis cell wall invertase inhibitor AtCIF1 reveals its role in seed germination and early seedling growth. <i>Plant Molecular Biology</i> , 2016, 90, 137-155.	3.9	36
22	Unveiling the mechanism of melatonin impacts on maize seedling growth: sugar metabolism as a case. <i>Journal of Pineal Research</i> , 2015, 59, 255-266.	7.4	122
23	Melatonin regulates carbohydrate metabolism and defenses against <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000 infection in <i>Arabidopsis thaliana</i> . <i>Journal of Pineal Research</i> , 2015, 59, 109-119.	7.4	121
24	Enzyme Inhibitor Studies Reveal Complex Control of Methyl-D-Erythritol 4-Phosphate (MEP) Pathway Enzyme Expression in <i>Catharanthus roseus</i> . <i>PLoS ONE</i> , 2013, 8, e62467.	2.5	55
25	Analysis of Flanking Sequences of T-DNAs in Transgenic Birch Plants Based on SiteFinding PCR. , 2008, , .		0
26	Research Advances on Transgenic Plant Vaccines. <i>Journal of Genetics and Genomics</i> , 2006, 33, 285-293.	0.3	8