

# Tao Su

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

772  
citations

623734

14  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

902  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Melatonin regulates carbohydrate metabolism and defenses against <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC/3000 infection in <i>Arabidopsis thaliana</i> . <i>Journal of Pineal Research</i> , 2015, 59, 109-119.	7.4	121
3	l-Aspartate: An Essential Metabolite for Plant Growth and Stress Acclimation. <i>Molecules</i> , 2021, 26, 1887.	3.8	73
4	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
5	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
6	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
7	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
8	Molecular and Biological Properties of Snakins: The Foremost Cysteine-Rich Plant Host Defense Peptides. <i>Journal of Fungi</i> (Basel, Switzerland), 2020, 6, 220.	3.5	38
9	Reassessment of an <i>Arabidopsis</i> 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
10	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
11	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
12	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
13	<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
14	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
15	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
16	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
17	Genome-Wide Characterization of AspATs in <i>Populus</i> : Gene Expression Variation and Enzyme Activities in Response to Nitrogen Perturbations. <i>Forests</i> , 2019, 10, 449.	2.1	13
18	Research Advances on Transgenic Plant Vaccines. <i>Journal of Genetics and Genomics</i> , 2006, 33, 285-293.	0.3	8

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19	Transcriptomic Profiling of Populus Roots Challenged with Fusarium Reveals Differential Responsive Patterns of Invertase and Invertase Inhibitor-Like Families within Carbohydrate Metabolism. Journal of Fungi (Basel, Switzerland), 2021, 7, 89.	3.5	7
20	The complete chloroplast genome sequence of Populus deltoides ‘Siyang-2’™. Mitochondrial DNA Part B: Resources, 2020, 5, 283-285.	0.4	5
21	New Insight into Aspartate Metabolic Pathways in Populus: Linking the Root Responsive Isoenzymes with Amino Acid Biosynthesis during Incompatible Interactions of Fusarium solani. International Journal of Molecular Sciences, 2022, 23, 6368.	4.1	4
22	The complete plastid genome sequence of Ilex suaveolens (H. L. Loes), the most abundant medicinal holly in Mount Huangshan. Mitochondrial DNA Part B: Resources, 2021, 6, 468-469.	0.4	2
23	The complete chloroplast genome sequence of <i>Myricaria elegans</i> : an endemic species to the Himalayas. Mitochondrial DNA Part B: Resources, 2021, 6, 3343-3345.	0.4	2
24	Analysis of Flanking Sequences of T-DNAs in Transgenic Birch Plants Based on SiteFinding PCR. , 2008, , .		0
25	Complete chloroplast genome sequence and phylogenetic analysis of Ilex viridis Champ. ex Benth. Mitochondrial DNA Part B: Resources, 2020, 5, 914-915.	0.4	0
26	The complete plastid genome sequence of Ilex micrococca Maxim. Mitochondrial DNA Part B: Resources, 2020, 5, 916-917.	0.4	0