

Yulong Ding

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7043601/yulong-ding-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

1,018
citations

14
h-index

31
g-index

57
ext. papers

1,386
ext. citations

4.2
avg, IF

4.79
L-index

#	Paper	IF	Citations
45	Heavy metal stress and some mechanisms of plant defense response. <i>Scientific World Journal, The</i> , 2015 , 2015, 756120	2.2	484
44	Exploring key cellular processes and candidate genes regulating the primary thickening growth of Moso underground shoots. <i>New Phytologist</i> , 2017 , 214, 81-96	9.8	45
43	Silicon Mechanisms to Ameliorate Heavy Metal Stress in Plants. <i>BioMed Research International</i> , 2018 , 2018, 8492898	3	43
42	Identification of an NAP-like transcription factor BeNAC1 regulating leaf senescence in bamboo (Bambusa emeiensis'Viridiflavus'). <i>Physiologia Plantarum</i> , 2011 , 142, 361-71	4.6	38
41	Cellular and molecular characterizations of a slow-growth variant provide insights into the fast growth of bamboo. <i>Tree Physiology</i> , 2018 , 38, 641-654	4.2	30
40	Characterization of the developmental dynamics of the elongation of a bamboo internode during the fast growth stage. <i>Tree Physiology</i> , 2019 , 39, 1201-1214	4.2	27
39	Establishment of an efficient micropropagation and callus regeneration system from the axillary buds of Bambusa ventricosa. <i>Plant Cell, Tissue and Organ Culture</i> , 2015 , 122, 1-8	2.7	24
38	The role of salicylic acid and gibberellin signaling in plant responses to abiotic stress with an emphasis on heavy metals. <i>Plant Signaling and Behavior</i> , 2020 , 15, 1777372	2.5	22
37	Leaf shape influences the scaling of leaf dry mass vs. area: a test case using bamboos. <i>Annals of Forest Science</i> , 2020 , 77, 1	3.1	21
36	Why Does Not the Leaf Weight-Area Allometry of Bamboos Follow the 3/2-Power Law?. <i>Frontiers in Plant Science</i> , 2018 , 9, 583	6.2	20
35	Cellular and molecular characterization of a thick-walled variant reveal a pivotal role of shoot apical meristem in transverse development of bamboo culm. <i>Journal of Experimental Botany</i> , 2019 , 70, 3911-3926	7	18
34	Morphological dissection and cellular and transcriptome characterizations of bamboo pith cavity formation reveal a pivotal role of genes related to programmed cell death. <i>Plant Biotechnology Journal</i> , 2019 , 17, 982-997	11.6	17
33	Application of Bamboo Plants in Nine Aspects. <i>Scientific World Journal, The</i> , 2020 , 2020, 7284203	2.2	15
32	Differential Responses of two Bamboo Species (Phyllostachys Auresulcata 'Spectabilis' and Pleioblastus Chino 'Hisachii') to Excess Copper. <i>Bioenergy Research</i> , 2013 , 6, 1223-1229	3.1	14
31	A survey of root pressure in 53 Asian species of bamboo. <i>Annals of Forest Science</i> , 2011 , 68, 783-791	3.1	13
30	Silicon dioxide nanoparticles improve plant growth by enhancing antioxidant enzyme capacity in bamboo (Pleioblastus pygmaeus) under lead toxicity. <i>Trees - Structure and Function</i> , 2020 , 34, 469-481	2.6	13
29	The effect of temperature on the developmental rates of seedling emergence and leaf-unfolding in two dwarf bamboo species. <i>Trees - Structure and Function</i> , 2018 , 32, 751-763	2.6	12

28	Mapping and validation of the quantitative trait loci for leaf stay-green-associated parameters in maize. <i>Plant Breeding</i> , 2017 , 136, 188-196	2.4	11
27	The Bamboo Flowering Cycle Sheds Light on Flowering Diversity. <i>Frontiers in Plant Science</i> , 2020 , 11, 381	6.2	11
26	Growth Responses and Photosynthetic Indices of Bamboo Plant () under Heavy Metal Stress. <i>Scientific World Journal, The</i> , 2018 , 2018, 1219364	2.2	11
25	Identification of an AtCRN1-like chloroplast protein BeCRN1 and its distinctive role in chlorophyll breakdown during leaf senescence in bamboo (<i>Bambusa emeiensis</i> [Viridiflavus]). <i>Plant Cell, Tissue and Organ Culture</i> , 2013 , 114, 1-10	2.7	11
24	Sucrose and starch metabolism during <i>Fargesia yunnanensis</i> shoot growth. <i>Physiologia Plantarum</i> , 2020 , 168, 188-204	4.6	11
23	Microsatellite markers revealed moderate genetic diversity and population differentiation of moso bamboo (<i>Phyllostachys edulis</i>) primarily asexual reproduction species in China. <i>Tree Genetics and Genomes</i> , 2017 , 13, 1	2.1	10
22	Transcriptome analysis of lateral buds from <i>Phyllostachys edulis</i> rhizome during germination and early shoot stages. <i>BMC Plant Biology</i> , 2020 , 20, 229	5.3	9
21	Ectopic-overexpression of an HD-Zip IV transcription factor from <i>Ammopiptanthus mongolicus</i> (Leguminosae) promoted upward leaf curvature and non-dehiscent anthers in <i>Arabidopsis thaliana</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2012 , 110, 299-306	2.7	8
20	The Effect of Silicon Nanoparticles on the Seed Germination and Seedling Growth of Moso Bamboo (<i>Phyllostachys edulis</i>) under Cadmium Stress. <i>Polish Journal of Environmental Studies</i> , 2021 , 30, 3033-3042 ²³	2.3	8
19	De novo sequencing of the transcriptome reveals regulators of the floral transition in <i>Fargesia macclureana</i> (Poaceae). <i>BMC Genomics</i> , 2019 , 20, 1035	4.5	8
18	Symplasmic phloem unloading and post-phloem transport during bamboo internode elongation. <i>Tree Physiology</i> , 2020 , 40, 391-412	4.2	7
17	Anatomical characteristics of fusoid cells and vascular bundles in <i>Fargesia yunnanensis</i> leaves. <i>Journal of Forestry Research</i> , 2016 , 27, 1237-1247	2	7
16	The Role of New Members of Phytohormones in Plant Amelioration under Abiotic Stress with an Emphasis on Heavy Metals. <i>Polish Journal of Environmental Studies</i> , 2020 , 29, 1009-1020	2.3	7
15	Multi-analysis of sheath senescence provides new insights into bamboo shoot development at the fast growth stage. <i>Tree Physiology</i> , 2021 , 41, 491-507	4.2	6
14	The Investigation of TiO ₂ NPs Effect as a Wastewater Treatment to Mitigate Cd Negative Impact on Bamboo Growth. <i>Sustainability</i> , 2021 , 13, 3200	3.6	5
13	Shoot proliferation and callus regeneration from nodular buds of <i>Drepanostachyum luodianense</i> . <i>Journal of Forestry Research</i> , 2019 , 30, 1997-2005	2	4
12	Morphological Characteristics and Transcriptome Comparisons of the Shoot Buds from Flowering and Non-Flowering <i>Pleioblastus pygmaeus</i> . <i>Forests</i> , 2020 , 11, 1229	2.8	4
11	A Review on Bamboo Resource in the African Region: A Call for Special Focus and Action. <i>International Journal of Forestry Research</i> , 2021 , 2021, 1-23	0.7	3

10	Analysis of 427 genomes reveals moso bamboo population structure and genetic basis of property traits. <i>Nature Communications</i> , 2021 , 12, 5466	17.4	3
9	Cellular and molecular characterizations of the irregular internode division zone formation of a slow growing bamboo variant. <i>Tree Physiology</i> , 2021 ,	4.2	3
8	Effects of Silicon in the Amelioration of Zn Toxicity on Antioxidant Enzyme Activities. <i>Toxicology and Environmental Health Sciences</i> , 2018 , 10, 90-96	1.9	2
7	Different Physiological and Biochemical Responses of Bamboo to the Addition of TiO ₂ NPs under Heavy Metal Toxicity. <i>Forests</i> , 2021 , 12, 759	2.8	2
6	Co-Application of 24-Epibrassinolide and Titanium Oxide Nanoparticles Promotes Plant Tolerance to Cu and Cd Toxicity by Increasing Antioxidant Activity and Photosynthetic Capacity and Reducing Heavy Metal Accumulation and Translocation.. <i>Antioxidants</i> , 2022 , 11,	7.1	2
5	Geographical Distribution of Phacellaria Benth. (Santalaceae) and its Hosts. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2006 , 1, 5-8		1
4	Zinc Oxide Nanoparticles Improve Plant Tolerance to Arsenic and Mercury by Stimulating Antioxidant Defense and Reducing the Metal Accumulation and Translocation.. <i>Frontiers in Plant Science</i> , 2022 , 13, 841501	6.2	1
3	Ultracytochemical localization of Ca ²⁺ during the phloem ganglion development in <i>Phyllostachys edulis</i> . <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2006 , 1, 219-224		0
2	Genus <i>Decalepis</i> : Biology, Importance and Biotechnological Interventions. <i>Agronomy</i> , 2022 , 12, 855	3.6	
1	Species Identification and Phylogenetic Reconstruction in <i>Acer</i> Linn. by Restriction Site-Associated DNA Sequencing. <i>Journal of Biobased Materials and Bioenergy</i> , 2022 , 16, 218-230	1.4	