

Yuhong Tang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8602064/yuhong-tang-publications-by-year.pdf>

Version: 2024-04-27

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.

43
papers

2,297
citations

21
h-index

43
g-index

43
ext. papers

2,798
ext. citations

6.6
avg, IF

4.33
L-index

#	Paper	IF	Citations
43	Genetic regulation of flowering time and inflorescence architecture by MtFDa and MtFTa1 in <i>Medicago truncatula</i> . <i>Plant Physiology</i> , 2021 , 185, 161-178	6.6	3
42	Comprehensive identification and characterization of abiotic stress and hormone responsive glycosyl hydrolase family 1 genes in <i>Medicago truncatula</i> . <i>Plant Physiology and Biochemistry</i> , 2021 , 158, 21-33	5.4	6
41	Functional characterization of PETIOLULE-LIKE PULVINUS (PLP) gene in abscission zone development in <i>Medicago truncatula</i> and its application to genetic improvement of alfalfa. <i>Plant Biotechnology Journal</i> , 2021 , 19, 351-364	11.6	3
40	Genotyping-by-sequencing and genomic selection applications in hexaploid triticale.. <i>G3: Genes, Genomes, Genetics</i> , 2021 ,	3.2	2
39	Silencing () in Switchgrass (L.) Improves Lignocellulosic Biofuel Production. <i>Frontiers in Plant Science</i> , 2020 , 11, 843	6.2	3
38	SPL7 and SPL8 represent a novel flowering regulation mechanism in switchgrass. <i>New Phytologist</i> , 2019 , 222, 1610-1623	9.8	19
37	Combining loss of function of and --- for lignin reduction and improved saccharification efficiency in. <i>Biotechnology for Biofuels</i> , 2019 , 12, 108	7.8	11
36	Dissection of genetic regulation of compound inflorescence development in. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	21
35	From model to crop: functional characterization of SPL8 in M. truncatula led to genetic improvement of biomass yield and abiotic stress tolerance in alfalfa. <i>Plant Biotechnology Journal</i> , 2018 , 16, 951-962	11.6	35
34	A SOC1-like gene MtSOC1a promotes flowering and primary stem elongation in <i>Medicago</i> . <i>Journal of Experimental Botany</i> , 2018 , 69, 4867-4880	7	16
33	Overexpression of the WOX gene STENOFOLIA improves biomass yield and sugar release in transgenic grasses and display altered cytokinin homeostasis. <i>PLoS Genetics</i> , 2017 , 13, e1006649	6	39
32	Field-grown miR156 transgenic switchgrass reproduction, yield, global gene expression analysis, and bioconfinement. <i>Biotechnology for Biofuels</i> , 2017 , 10, 255	7.8	9
31	Development and use of a switchgrass (L.) transformation pipeline by the BioEnergy Science Center to evaluate plants for reduced cell wall recalcitrance. <i>Biotechnology for Biofuels</i> , 2017 , 10, 309	7.8	18
30	The miR156-SPL4 module predominantly regulates aerial axillary bud formation and controls shoot architecture. <i>New Phytologist</i> , 2017 , 216, 829-840	9.8	31
29	Transcriptome analysis in switchgrass discloses ecotype difference in photosynthetic efficiency. <i>BMC Genomics</i> , 2016 , 17, 1040	4.5	8
28	Loss of function of foyllypolyglutamate synthetase 1 reduces lignin content and improves cell wall digestibility in <i>Arabidopsis</i> . <i>Biotechnology for Biofuels</i> , 2015 , 8, 224	7.8	20
27	Transcriptome Profiling of Rust Resistance in Switchgrass Using RNA-Seq Analysis. <i>Plant Genome</i> , 2015 , 8, eplantgenome2014.10.0075	4.4	16

26	EXTENSIN18 is required for full male fertility as well as normal vegetative growth in Arabidopsis. <i>Frontiers in Plant Science</i> , 2015 , 6, 553	6.2	15
25	Global reprogramming of transcription and metabolism in <i>Medicago truncatula</i> during progressive drought and after rewatering. <i>Plant, Cell and Environment</i> , 2014 , 37, 2553-76	8.4	113
24	Comparative transcriptome analysis of short fiber mutants Ligon-lintless 1 and 2 reveals common mechanisms pertinent to fiber elongation in cotton (<i>Gossypium hirsutum</i> L.). <i>PLoS ONE</i> , 2014 , 9, e95554	3.7	23
23	Transcript profiling by microarray and marker analysis of the short cotton (<i>Gossypium hirsutum</i> L.) fiber mutant Ligon lintless-1 (Li1). <i>BMC Genomics</i> , 2013 , 14, 403	4.5	37
22	Establishment of the <i>Lotus japonicus</i> Gene Expression Atlas (LjGEA) and its use to explore legume seed maturation. <i>Plant Journal</i> , 2013 , 74, 351-62	6.9	101
21	Self-rescue of an EXTENSIN mutant reveals alternative gene expression programs and candidate proteins for new cell wall assembly in Arabidopsis. <i>Plant Journal</i> , 2013 , 75, 104-116	6.9	16
20	Physiological, biochemical and molecular responses to a combination of drought and ozone in <i>Medicago truncatula</i> . <i>Plant, Cell and Environment</i> , 2013 , 36, 706-20	8.4	66
19	Development of an integrated transcript sequence database and a gene expression atlas for gene discovery and analysis in switchgrass (<i>Panicum virgatum</i> L.). <i>Plant Journal</i> , 2013 , 74, 160-73	6.9	64
18	LegumeGRN: a gene regulatory network prediction server for functional and comparative studies. <i>PLoS ONE</i> , 2013 , 8, e67434	3.7	31
17	Transcriptome analysis of nodes and buds from high and low tillering switchgrass inbred lines. <i>PLoS ONE</i> , 2013 , 8, e83772	3.7	9
16	Overexpression of miR156 in switchgrass (<i>Panicum virgatum</i> L.) results in various morphological alterations and leads to improved biomass production. <i>Plant Biotechnology Journal</i> , 2012 , 10, 443-52	11.6	226
15	Differential mRNA translation in <i>Medicago truncatula</i> accessions with contrasting responses to ozone-induced oxidative stress. <i>Molecular Plant</i> , 2012 , 5, 187-204	14.4	11
14	Functional characterization of the switchgrass (<i>Panicum virgatum</i>) R2R3-MYB transcription factor PvMYB4 for improvement of lignocellulosic feedstocks. <i>New Phytologist</i> , 2012 , 193, 121-136	9.8	196
13	A combined functional and structural genomics approach identified an EST-SSR marker with complete linkage to the Ligon lintless-2 genetic locus in cotton (<i>Gossypium hirsutum</i> L.). <i>BMC Genomics</i> , 2011 , 12, 445	4.5	40
12	The folylpolyglutamate synthetase plastidial isoform is required for postembryonic root development in Arabidopsis. <i>Plant Physiology</i> , 2011 , 155, 1237-51	6.6	44
11	The plastidial folylpolyglutamate synthetase and root apical meristem maintenance. <i>Plant Signaling and Behavior</i> , 2011 , 6, 751-4	2.5	4
10	Switchgrass (<i>Panicum virgatum</i>) possesses a divergent family of cinnamoyl CoA reductases with distinct biochemical properties. <i>New Phytologist</i> , 2010 , 185, 143-55	9.8	67
9	Modulation of redox homeostasis under suboptimal conditions by Arabidopsis nudix hydrolase 7. <i>BMC Plant Biology</i> , 2010 , 10, 173	5.3	42

8	The Medicago truncatula gene expression atlas web server. <i>BMC Bioinformatics</i> , 2009 , 10, 441	3.6	141
7	Ozone responsive genes in Medicago truncatula: analysis by suppression subtraction hybridization. <i>Journal of Plant Physiology</i> , 2009 , 166, 1284-1295	3.6	12
6	A gene expression atlas of the model legume Medicago truncatula. <i>Plant Journal</i> , 2008 , 55, 504-13	6.9	569
5	Transcriptomic changes induced by acute ozone in resistant and sensitive Medicago truncatula accessions. <i>BMC Plant Biology</i> , 2008 , 8, 46	5.3	35
4	Different mechanisms for phytoalexin induction by pathogen and wound signals in Medicago truncatula. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17909-15	11.5	151
3	Fasciation Mutation Enhances Meristematic Activity and Alters Pattern Formation in Soybean. <i>International Journal of Plant Sciences</i> , 1998 , 159, 249-260	2.6	17
2	Expression of fasciation mutation in apical Meristems of Soybean, Glycine Max (Leguminosae). <i>American Journal of Botany</i> , 1997 , 84, 328-335	2.7	6
1	Lotus japonicus karrikin receptors display divergent ligand-binding specificities and organ-dependent redundancy		1