

# Mingxiang Liang

## List of Publications by Year in descending order

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22  
papers

1,053  
citations

623188

14  
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676716

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22  
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22  
docs citations

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times ranked

1513  
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of AtLAC15 in lignin synthesis in seeds and in root elongation of Arabidopsis. <i>Planta</i> , 2006, 224, 1185-1196.	1.6	175
2	Mutant identification and characterization of the laccase gene family in Arabidopsis. <i>Journal of Experimental Botany</i> , 2006, 57, 2563-2569.	2.4	166
3	A Putative CCAAT-Binding Transcription Factor Is a Regulator of Flowering Timing in Arabidopsis. <i>Plant Physiology</i> , 2007, 145, 98-105.	2.3	152
4	Salt Stress Encourages Proline Accumulation by Regulating Proline Biosynthesis and Degradation in Jerusalem Artichoke Plantlets. <i>PLoS ONE</i> , 2013, 8, e62085.	1.1	124
5	Expression of a putative laccase gene, ZmLAC1, in maize primary roots under stress*. <i>Plant, Cell and Environment</i> , 2006, 29, 746-753.	2.8	93
6	Identification and characterization of NF-Y transcription factor families in Canola ( <i>Brassica napus</i> L.). <i>Planta</i> , 2014, 239, 107-126.	1.6	44
7	Expression and functional analysis of NUCLEAR FACTOR-Y, subunit B genes in barley. <i>Planta</i> , 2012, 235, 779-791.	1.6	42
8	Cloning and functional characterization of two abiotic stress-responsive Jerusalem artichoke ( <i>Helianthus tuberosus</i> ) fructan 1-exohydrolases (1-FEHs). <i>Plant Molecular Biology</i> , 2015, 87, 81-98.	2.0	36
9	Multiple NUCLEAR FACTOR Y Transcription Factors Respond to Abiotic Stress in <i>Brassica napus</i> L. <i>PLoS ONE</i> , 2014, 9, e111354.	1.1	31
10	Vermicompost improves the physiological and biochemical responses of blessed thistle ( <i>Silybum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Products, 2016, 94, 574-585.	2.5	30
11	Identification of dehydration responsive genes from two non-nodulated alfalfa cultivars using <i>Medicago truncatula</i> microarrays. <i>Acta Physiologiae Plantarum</i> , 2008, 30, 183-199.	1.0	24
12	Characterization of the biosorption and biodegradation properties of <i>Ensifer adhaerens</i> : A potential agent to remove polychlorinated biphenyls from contaminated water. <i>Journal of Hazardous Materials</i> , 2016, 302, 314-322.	6.5	22
13	Physiological and Transcriptional Responses of Industrial Rapeseed ( <i>Brassica napus</i> ) Seedlings to Drought and Salinity Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5604.	1.8	21
14	Characterization of Fructan Metabolism During Jerusalem Artichoke ( <i>Helianthus tuberosus</i> L.) Germination. <i>Frontiers in Plant Science</i> , 2018, 9, 1384.	1.7	19
15	Isolation and characterization of two DREB1 genes encoding dehydration-responsive element binding proteins in chicory ( <i>Cichorium intybus</i> ). <i>Plant Growth Regulation</i> , 2014, 73, 45-55.	1.8	13
16	Regulation of endogenous phytohormones alters the fluoranthene content in <i>Arabidopsis thaliana</i> . <i>Science of the Total Environment</i> , 2019, 688, 935-943.	3.9	11
17	<i>Brassica napus</i> miR169 regulates BnNF-YA in salinity, drought and ABA responses. <i>Environmental and Experimental Botany</i> , 2022, 199, 104882.	2.0	11
18	Characterization of NF-Y transcription factor families in industrial rapeseed ( <i>Brassica napus</i> L.) and identification of BnNF-YA3, which functions in the abiotic stress response. <i>Industrial Crops and Products</i> , 2020, 148, 112253.	2.5	10

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19	Salinity-Induced Alterations in Physiological and Biochemical Processes of Blessed Thistle and Peppermint. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 2857-2870.	1.7	10
20	Identification, functional characterization, and expression pattern of a NaCl-inducible vacuolar Na <sup>+</sup> /H <sup>+</sup> antiporter in chicory ( <i>Cichorium intybus</i> L.). <i>Plant Growth Regulation</i> , 2015, 75, 605-614.	1.8	9
21	Expression and purification of plant fructan exohydrolases and their potential applications in fructose production. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 9-17.	3.6	7
22	Bioethanol production by heterologous expression of two individual 1-FEH genes from <i>Helianthus tuberosus</i> in <i>Saccharomyces cerevisiae</i> 6525. <i>Bioenergy Research</i> , 2016, 9, 884-893.	2.2	3