

# Jian Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

2,497  
citations

394421

19  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

3383  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soybean WRKY-type transcription factor genes, <i>GmWRKY13</i> , <i>GmWRKY21</i> , and <i>GmWRKY54</i> , confer differential tolerance to abiotic stresses in transgenic <i>Arabidopsis</i> plants. <i>Plant Biotechnology Journal</i> , 2008, 6, 486-503.	8.3	582
2	Soybean <i>GmbZIP44</i> , <i>GmbZIP62</i> and <i>GmbZIP78</i> genes function as negative regulator of ABA signaling and confer salt and freezing tolerance in transgenic <i>Arabidopsis</i> . <i>Planta</i> , 2008, 228, 225-240.	3.2	350
3	The soybean Dof-type transcription factor genes, <i>GmDof4</i> and <i>GmDof11</i> , enhance lipid content in the seeds of transgenic <i>Arabidopsis</i> plants. <i>Plant Journal</i> , 2007, 52, 716-729.	5.7	217
4	Signaling of cell fate determination by the TPD1 small protein and EMS1 receptor kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2220-2225.	7.1	161
5	The role of floral organs in carpels, an <i>Arabidopsis</i> loss-of-function mutation in <i>MicroRNA160a</i> , in organogenesis and the mechanism regulating its expression. <i>Plant Journal</i> , 2010, 62, 416-428.	5.7	154
6	Homolog interaction during meiotic prophase I in <i>Arabidopsis</i> requires the <i>SOLO DANCERS</i> gene encoding a novel cyclin-like protein. <i>EMBO Journal</i> , 2002, 21, 3081-3095.	7.8	148
7	Deregulation of the <i>OsmiR160</i> Target Gene <i>OsARF18</i> Causes Growth and Developmental Defects with an Alteration of Auxin Signaling in Rice. <i>Scientific Reports</i> , 2016, 6, 29938.	3.3	113
8	Soybean <i>GmPHD</i> -Type Transcription Regulators Improve Stress Tolerance in Transgenic <i>Arabidopsis</i> Plants. <i>PLoS ONE</i> , 2009, 4, e7209.	2.5	93
9	Activation of gibberellin 2-oxidase 6 decreases active gibberellin levels and creates a dominant semi-dwarf phenotype in rice ( <i>Oryza sativa</i> L.). <i>Journal of Genetics and Genomics</i> , 2010, 37, 23-36.	3.9	93
10	A Putative Plasma Membrane Cation/proton Antiporter from Soybean Confers Salt Tolerance in <i>Arabidopsis</i> . <i>Plant Molecular Biology</i> , 2005, 59, 809-820.	3.9	86
11	Two SERK Receptor-Like Kinases Interact with EMS1 to Control Anther Cell Fate Determination. <i>Plant Physiology</i> , 2017, 173, 326-337.	4.8	72
12	The <i>SPOROCYTELESS</i> / <i>NOZZLE</i> Gene Is Involved in Controlling Stamen Identity in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2009, 151, 1401-1411.	4.8	69
13	Control of Anther Cell Differentiation by the Small Protein Ligand TPD1 and Its Receptor EMS1 in <i>Arabidopsis</i> . <i>PLoS Genetics</i> , 2016, 12, e1006147.	3.5	58
14	Carbonic Anhydrases Function in Anther Cell Differentiation Downstream of the Receptor-Like Kinase EMS1. <i>Plant Cell</i> , 2017, 29, 1335-1356.	6.6	52
15	Control of anther cell differentiation: a teamwork of receptor-like kinases. <i>Sexual Plant Reproduction</i> , 2009, 22, 221-228.	2.2	50
16	Sterility Caused by Floral Organ Degeneration and Abiotic Stresses in <i>Arabidopsis</i> and Cereal Grains. <i>Frontiers in Plant Science</i> , 2016, 7, 1503.	3.6	46
17	Identification of a high frequency transposon induced by tissue culture, <i>nDaiZ</i> , a member of the <i>hAT</i> family in rice. <i>Genomics</i> , 2009, 93, 274-281.	2.9	34
18	Ectopic expression of <i>TAPETUM DETERMINANT1</i> affects ovule development in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 1311-1326.	4.8	33

#	ARTICLE	IF	CITATIONS
19	Creating Completely Both Male and Female Sterile Plants by Specifically Ablating Microspore and Megaspore Mother Cells. <i>Frontiers in Plant Science</i> , 2016, 7, 30.	3.6	27
20	Morphological Characterization of a New and Easily Recognizable Nuclear Male Sterile Mutant of Sorghum ( <i>Sorghum bicolor</i> ). <i>PLoS ONE</i> , 2017, 12, e0165195.	2.5	20
21	Rhizobium sp. IRBG74 Alters Arabidopsis Root Development by Affecting Auxin Signaling. <i>Frontiers in Microbiology</i> , 2017, 8, 2556.	3.5	19
22	Identification and evolutionary analysis of a relic S-RNase in <i>Antirrhinum</i> . <i>Sexual Plant Reproduction</i> , 2003, 16, 17-22.	2.2	11
23	Epigenetic Regulation of Heat Stress in Plant Male Reproduction. <i>Frontiers in Plant Science</i> , 2022, 13, 826473.	3.6	9