

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 | Epigenetic Regulation of Heat Stress in Plant Male Reproduction. <i>Frontiers in Plant Science</i> , 2022, 13, 826473. | 3.6 | 9 |
| 2 | 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 |
| 3 | 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 |
| 4 | Rhizobium sp. IRBG74 Alters Arabidopsis Root Development by Affecting Auxin Signaling. <i>Frontiers in Microbiology</i> , 2017, 8, 2556. | 3.5 | 19 |
| 5 | 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 |
| 6 | 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 |
| 7 | Sterility Caused by Floral Organ Degeneration and Abiotic Stresses in Arabidopsis and Cereal Grains. <i>Frontiers in Plant Science</i> , 2016, 7, 1503. | 3.6 | 46 |
| 8 | Deregulation of the OsmiR160 Target Gene OsARF18 Causes Growth and Developmental Defects with an Alteration of Auxin Signaling in Rice. <i>Scientific Reports</i> , 2016, 6, 29938. | 3.3 | 113 |
| 9 | Ectopic expression of <i>TAPETUM DETERMINANT1</i> affects ovule development in Arabidopsis. <i>Journal of Experimental Botany</i> , 2016, 67, 1311-1326. | 4.8 | 33 |
| 10 | Control of Anther Cell Differentiation by the Small Protein Ligand TPD1 and Its Receptor EMS1 in Arabidopsis. <i>PLoS Genetics</i> , 2016, 12, e1006147. | 3.5 | 58 |
| 11 | The role of floral organs in carpels, an Arabidopsis loss-of-function mutation in MicroRNA160a, in organogenesis and the mechanism regulating its expression. <i>Plant Journal</i> , 2010, 62, 416-428. | 5.7 | 154 |
| 12 | 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 |
| 13 | Soybean GmPHD-Type Transcription Regulators Improve Stress Tolerance in Transgenic Arabidopsis Plants. <i>PLoS ONE</i> , 2009, 4, e7209. | 2.5 | 93 |
| 14 | The <i>SPOROCTELESS</i> / <i>NOZZLE</i> Gene Is Involved in Controlling Stamen Identity in Arabidopsis. <i>Plant Physiology</i> , 2009, 151, 1401-1411. | 4.8 | 69 |
| 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 | Identification of a high frequency transposon induced by tissue culture, nDaiZ, a member of the hAT family in rice. <i>Genomics</i> , 2009, 93, 274-281. | 2.9 | 34 |
| 17 | Soybean GmbZIP44, GmbZIP62 and GmbZIP78 genes function as negative regulator of ABA signaling and confer salt and freezing tolerance in transgenic Arabidopsis. <i>Planta</i> , 2008, 228, 225-240. | 3.2 | 350 |
| 18 | Soybean WRKY-type transcription factor genes, <i>GmWRKY13</i> , <i>GmWRKY21</i> , and <i>GmWRKY54</i> , confer differential tolerance to abiotic stresses in transgenic Arabidopsis plants. <i>Plant Biotechnology Journal</i> , 2008, 6, 486-503. | 8.3 | 582 |

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|----|---|-----|-----------|
| 19 | Signaling of cell fate determination by the TPD1 small protein and EMS1 receptor kinase. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2220-2225. | 7.1 | 161 |
| 20 | The soybean Dof-type transcription factor genes, <i>GmDof4</i> and <i>GmDof11</i> , enhance lipid content in the seeds of transgenic Arabidopsis plants. Plant Journal, 2007, 52, 716-729. | 5.7 | 217 |
| 21 | A Putative Plasma Membrane Cation/proton Antiporter from Soybean Confers Salt Tolerance in Arabidopsis. Plant Molecular Biology, 2005, 59, 809-820. | 3.9 | 86 |
| 22 | Identification and evolutionary analysis of a relic S-RNase in Antirrhinum. Sexual Plant Reproduction, 2003, 16, 17-22. | 2.2 | 11 |
| 23 | Homolog interaction during meiotic prophase I in Arabidopsis requires the SOLO DANCERS gene encoding a novel cyclin-like protein. EMBO Journal, 2002, 21, 3081-3095. | 7.8 | 148 |