

# Dagang Jiang

## List of Publications by Year in descending order

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14  
papers

868  
citations

933447

10  
h-index

1058476

14  
g-index

15  
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15  
docs citations

15  
times ranked

970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoperiod- and thermo-sensitive genic male sterility in rice are caused by a point mutation in a novel noncoding RNA that produces a small RNA. <i>Cell Research</i> , 2012, 22, 649-660.	12.0	275
2	RNase ZS1 processes UbL40 mRNAs and controls thermosensitive genic male sterility in rice. <i>Nature Communications</i> , 2014, 5, 4884.	12.8	177
3	<i>OsAGO2</i> controls ROS production and the initiation of tapetal PCD by epigenetically regulating <i>OsHKK1</i> expression in rice anthers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7549-7558.	7.1	102
4	Overexpression of a microRNA-targeted NAC transcription factor improves drought and salt tolerance in Rice via ABA-mediated pathways. <i>Rice</i> , 2019, 12, 76.	4.0	71
5	Overexpression of miR164b-resistant OsNAC2 improves plant architecture and grain yield in rice. <i>Journal of Experimental Botany</i> , 2018, 69, 1533-1543.	4.8	66
6	OsCER1 Plays a Pivotal Role in Very-Long-Chain Alkane Biosynthesis and Affects Plastid Development and Programmed Cell Death of Tapetum in Rice ( <i>Oryza sativa</i> L.). <i>Frontiers in Plant Science</i> , 2018, 9, 1217.	3.6	51
7	Initiation and Execution of Programmed Cell Death and Regulation of Reactive Oxygen Species in Plants. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12942.	4.1	33
8	Overexpression of OsAGO1b Induces Adaxially Rolled Leaves by Affecting Leaf Abaxial Sclerenchymatous Cell Development in Rice. <i>Rice</i> , 2019, 12, 60.	4.0	22
9	Methylesterification of cell-wall pectin controls the diurnal flower-opening times in rice. <i>Molecular Plant</i> , 2022, 15, 956-972.	8.3	22
10	Overexpression of the trehalose-6-phosphate phosphatase OsTPP3 increases drought tolerance in rice. <i>Plant Biotechnology Reports</i> , 2019, 13, 285-292.	1.5	20
11	Mapping of the rice ( <i>Oryza sativa</i> L.) thermo-sensitive genic male sterile gene <i>tms5</i> with EST and SSR markers. <i>Science Bulletin</i> , 2006, 51, 417-420.	1.7	11
12	A cytosolic pentatricopeptide repeat protein is essential for tapetal plastid development by regulating <i>OsGLK1</i> transcript levels in rice. <i>New Phytologist</i> , 2022, 234, 1678-1695.	7.3	10
13	Isolation and Characterization of a Microsporocyte-Specific Gene, OsMSP, in Rice. <i>Plant Molecular Biology Reporter</i> , 2009, 27, 469-475.	1.8	4
14	Understanding the Regulatory Mechanisms of Rice Tiller Angle, Then and Now. <i>Plant Molecular Biology Reporter</i> , 2021, 39, 640-647.	1.8	4