

Soon-Ki Park

List of Publications by Year in descending order

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28
papers

1,195
citations

567281

15
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1070
citing authors

#	ARTICLE	IF	CITATIONS
1	MOR1/GEM1 has an essential role in the plant-specific cytokinetic phragmoplast. <i>Nature Cell Biology</i> , 2002, 4, 711-714.	10.3	220
2	Selection of T-DNA-Tagged Male and Female Gametophytic Mutants by Segregation Distortion in <i>Arabidopsis</i> . <i>Genetics</i> , 1998, 149, 621-631.	2.9	189
3	Asymmetric division and cell-fate determination in developing pollen. <i>Trends in Plant Science</i> , 1998, 3, 305-310.	8.8	148
4	A Divergent Cellular Role for the FUSED Kinase Family in the Plant-Specific Cytokinetic Phragmoplast. <i>Current Biology</i> , 2005, 15, 2107-2111.	3.9	98
5	Novel Patterns of Ectopic Cell Plate Growth and Lipid Body Distribution in the <i>Arabidopsis gemini pollen1</i> Mutant. <i>Plant Physiology</i> , 2001, 126, 899-909.	4.8	75
6	The SIDECAR POLLEN gene encodes a microspore-specific LOB/AS2 domain protein required for the correct timing and orientation of asymmetric cell division. <i>Plant Journal</i> , 2010, 64, 839-850.	5.7	60
7	<i>Arabidopsis</i> Fused kinase and the Kinesin ϵ 12 subfamily constitute a signalling module required for phragmoplast expansion. <i>Plant Journal</i> , 2012, 72, 308-319.	5.7	41
8	The tobacco MAP215/Dis1-family protein TMBP200 is required for the functional organization of microtubule arrays during male germline establishment. <i>Journal of Experimental Botany</i> , 2010, 61, 969-981.	4.8	38
9	<i>Arabidopsis</i> Kinesins HINKEL and TETRASPORE Act Redundantly to Control Cell Plate Expansion during Cytokinesis in the Male Gametophyte. <i>Molecular Plant</i> , 2008, 1, 794-799.	8.3	37
10	Genome-wide analyses of late pollen-preferred genes conserved in various rice cultivars and functional identification of a gene involved in the key processes of late pollen development. <i>Rice</i> , 2018, 11, 28.	4.0	32
11	<i>GOR1</i> , encoding the WD40 domain protein, is required for pollen tube germination and elongation in rice. <i>Plant Journal</i> , 2021, 105, 1645-1664.	5.7	31
12	<i>BURSTING POLLEN</i> is required to organize the pollen germination plaque and pollen tube tip in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2015, 206, 255-267.	7.3	28
13	Gemini pollen 2, a male and female gametophytic cytokinesis defective mutation. <i>Sexual Plant Reproduction</i> , 2004, 17, 63-70.	2.2	27
14	A missense allele of KARRIKIN-INSENSITIVE2 impairs ligand-binding and downstream signaling in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2018, 69, 3609-3623.	4.8	26
15	<i>Arabidopsis</i> Fused kinase TWO-IN-ONE dominantly inhibits male meiotic cytokinesis. <i>Plant Reproduction</i> , 2014, 27, 7-17.	2.2	18
16	Analysis of <i>gemini pollen 3</i> mutant suggests a broad function of <i>AUGMIN</i> in microtubule organization during sexual reproduction in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2016, 87, 188-201.	5.7	18
17	<i>OsMTD2</i> -mediated reactive oxygen species (ROS) balance is essential for intact pollen tube elongation in rice. <i>Plant Journal</i> , 2021, 107, 1131-1147.	5.7	17
18	halfman, an <i>Arabidopsis</i> male gametophytic mutant associated with a 150 $\frac{1}{2}$ kb chromosomal deletion adjacent to an introduced Ds transposable element. <i>Sexual Plant Reproduction</i> , 2003, 16, 99-102.	2.2	16

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19	MYB81, a microspore-specific GAMYB transcription factor, promotes pollen mitosis I and cell lineage formation in Arabidopsis. <i>Plant Journal</i> , 2020, 101, 590-603.	5.7	14
20	Rice Male Gamete Expression Database (RMEDB): A Web Resource for Functional Genomic Studies of Rice Male Organ Development. <i>Journal of Plant Biology</i> , 2020, 63, 421-430.	2.1	14
21	Physiological Importance of Pectin Modifying Genes During Rice Pollen Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4840.	4.1	14
22	Global Identification of ANTH Genes Involved in Rice Pollen Germination and Functional Characterization of a Key Member, OsANTH3. <i>Frontiers in Plant Science</i> , 2021, 12, 609473.	3.6	11
23	Metabolomic Variability of Different Soybean Genotypes: β -Carotene-Enhanced (Glycine max), Wild (Glycine soja), and Hybrid (Glycine max \times Glycine soja) Soybeans. <i>Foods</i> , 2021, 10, 2421.	4.3	7
24	Overexpression of C-Repeat Binding Factor1 (CBF1) Gene Enhances Heat Stress Tolerance in Arabidopsis. <i>Journal of Plant Biology</i> , 2022, 65, 253-260.	2.1	6
25	Analysis of sticky generative cell mutants reveals that suppression of callose deposition in the generative cell is necessary for generative cell internalization and differentiation in Arabidopsis. <i>Plant Journal</i> , 2021, 106, 228-244.	5.7	5
26	A Raf-like kinase is required for smoke-induced seed dormancy in Arabidopsis thaliana. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	3
27	Identification of New Mutant Alleles of Augmin Subunits Broadens Spectrum of Augmin Function During Sexual Reproduction in Arabidopsis. <i>Journal of Plant Biology</i> , 2020, 63, 485-494.	2.1	2
28	Overexpression of TWO-IN-ONE Domains Inhibits Cytokinesis in Arabidopsis. <i>Journal of Plant Biology</i> , 0, , .	2.1	0