

Hong-Ju Li

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,517
citations

471509

17
h-index

552781

26
g-index

28
all docs

28
docs citations

28
times ranked

2228
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Efficiency Genome Editing in Arabidopsis Using YAO Promoter-Driven CRISPR/Cas9 System. <i>Molecular Plant</i> , 2015, 8, 1820-1823.	8.3	349
2	Allosteric receptor activation by the plant peptide hormone phytosulfokine. <i>Nature</i> , 2015, 525, 265-268.	27.8	192
3	A receptor heteromer mediates the male perception of female attractants in plants. <i>Nature</i> , 2016, 531, 241-244.	27.8	190
4	The Central Cell Plays a Critical Role in Pollen Tube Guidance in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2007, 19, 3563-3577.	6.6	163
5	The Arabidopsis Receptor Kinase ZAR1 Is Required for Zygote Asymmetric Division and Its Daughter Cell Fate. <i>PLoS Genetics</i> , 2016, 12, e1005933.	3.5	72
6	POD1 Regulates Pollen Tube Guidance in Response to Micropylar Female Signaling and Acts in Early Embryo Patterning in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 3288-3302.	6.6	71
7	YAO is a nucleolar WD40-repeat protein critical for embryogenesis and gametogenesis in Arabidopsis. <i>BMC Plant Biology</i> , 2010, 10, 169.	3.6	60
8	Integration of ovular signals and exocytosis of a Ca ²⁺ channel by MLOs in pollen tube guidance. <i>Nature Plants</i> , 2020, 6, 143-153.	9.3	56
9	Arabidopsis CBP1 Is a Novel Regulator of Transcription Initiation in Central Cell-Mediated Pollen Tube Guidance. <i>Plant Cell</i> , 2015, 27, 2880-2893.	6.6	54
10	HAPLESS13-Mediated Trafficking of STRUBBELIG Is Critical for Ovule Development in Arabidopsis. <i>PLoS Genetics</i> , 2016, 12, e1006269.	3.5	36
11	The integration of G \hat{I}^2 and MAPK signaling cascade in zygote development. <i>Scientific Reports</i> , 2017, 7, 8732.	3.3	32
12	Multilayered signaling pathways for pollen tube growth and guidance. <i>Plant Reproduction</i> , 2018, 31, 31-41.	2.2	32
13	TICKET attracts pollen tubes and mediates reproductive isolation between relative species in Brassicaceae. <i>Science China Life Sciences</i> , 2019, 62, 1413-1419.	4.9	31
14	RLKs orchestrate the signaling in plant male-female interaction. <i>Science China Life Sciences</i> , 2016, 59, 867-877.	4.9	28
15	Golgi-localized LOT regulates <i>trans</i> -Golgi network biogenesis and pollen tube growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12307-12312.	7.1	27
16	Maternal control of suspensor programmed cell death via gibberellin signaling. <i>Nature Communications</i> , 2019, 10, 3484.	12.8	21
17	Plasma membrane H ⁺ ATPases-mediated cytosolic proton gradient regulates pollen tube growth. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 1817-1822.	8.5	18
18	Nucleolar histone deacetylases HDT1, HDT2, and HDT3 regulate plant reproductive development. <i>Journal of Genetics and Genomics</i> , 2022, 49, 30-39.	3.9	14

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19	Ligands Switch Model for Pollen-Tube Integrity and Burst. Trends in Plant Science, 2018, 23, 369-372.	8.8	13
20	Both male and female gametogenesis require a fully functional protein <i>At</i> acyl transferase 21 in <i>Arabidopsis thaliana</i> . Plant Journal, 2019, 100, 754-767.	5.7	11
21	Central Cell in Flowering Plants: Specification, Signaling, and Evolution. Frontiers in Plant Science, 2020, 11, 590307.	3.6	11
22	Transcriptional repression specifies the central cell for double fertilization. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6231-6236.	7.1	10
23	Emerging role of ER quality control in plant cell signal perception. Protein and Cell, 2012, 3, 10-16.	11.0	9
24	Transmission Electron Microscopy (TEM) to Study Histology of Pollen and Pollen Tubes. Methods in Molecular Biology, 2017, 1669, 181-189.	0.9	7
25	POD1-SUN-CRT3 chaperone complex guards the ER sorting of LRR receptor kinases in Arabidopsis. Nature Communications, 2022, 13, 2703.	12.8	5
26	Analysis of Peroxisome Biogenesis in Pollen by Confocal Microscopy and Transmission Electron Microscopy. Methods in Molecular Biology, 2017, 1669, 173-180.	0.9	4
27	LOT regulates TGN biogenesis and Golgi structure in plants. Plant Signaling and Behavior, 2019, 14, e1573100.	2.4	1