

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
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552781

26
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28
docs citations

28
times ranked

2228
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	POD1-SUN-CRT3 chaperone complex guards the ER sorting of LRR receptor kinases in Arabidopsis. <i>Nature Communications</i> , 2022, 13, 2703.	12.8	5
3	Central Cell in Flowering Plants: Specification, Signaling, and Evolution. <i>Frontiers in Plant Science</i> , 2020, 11, 590307.	3.6	11
4	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
5	Transcriptional repression specifies the central cell for double fertilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6231-6236.	7.1	10
6	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
7	Maternal control of suspensor programmed cell death via gibberellin signaling. <i>Nature Communications</i> , 2019, 10, 3484.	12.8	21
8	Both male and female gametogenesis require a fully functional protein <i>acyl transferase 21</i> in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2019, 100, 754-767.	5.7	11
9	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
10	LOT regulates TGN biogenesis and Golgi structure in plants. <i>Plant Signaling and Behavior</i> , 2019, 14, e1573100.	2.4	1
11	Multilayered signaling pathways for pollen tube growth and guidance. <i>Plant Reproduction</i> , 2018, 31, 31-41.	2.2	32
12	Ligands Switch Model for Pollen-Tube Integrity and Burst. <i>Trends in Plant Science</i> , 2018, 23, 369-372.	8.8	13
13	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
14	Transmission Electron Microscopy (TEM) to Study Histology of Pollen and Pollen Tubes. <i>Methods in Molecular Biology</i> , 2017, 1669, 181-189.	0.9	7
15	Analysis of Peroxisome Biogenesis in Pollen by Confocal Microscopy and Transmission Electron Microscopy. <i>Methods in Molecular Biology</i> , 2017, 1669, 173-180.	0.9	4
16	The integration of G ¹² and MAPK signaling cascade in zygote development. <i>Scientific Reports</i> , 2017, 7, 8732.	3.3	32
17	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
18	RLKs orchestrate the signaling in plant male-female interaction. <i>Science China Life Sciences</i> , 2016, 59, 867-877.	4.9	28

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19	A receptor heteromer mediates the male perception of female attractants in plants. <i>Nature</i> , 2016, 531, 241-244.	27.8	190
20	HAPLESS13-Mediated Trafficking of STRUBBELIG Is Critical for Ovule Development in Arabidopsis. <i>PLoS Genetics</i> , 2016, 12, e1006269.	3.5	36
21	High-Efficiency Genome Editing in Arabidopsis Using YAO Promoter-Driven CRISPR/Cas9 System. <i>Molecular Plant</i> , 2015, 8, 1820-1823.	8.3	349
22	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
23	Allosteric receptor activation by the plant peptide hormone phytosulfokine. <i>Nature</i> , 2015, 525, 265-268.	27.8	192
24	Emerging role of ER quality control in plant cell signal perception. <i>Protein and Cell</i> , 2012, 3, 10-16.	11.0	9
25	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
26	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
27	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