

Kai Tao

List of Publications by Year in descending order

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567281

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1099
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#	ARTICLE	IF	CITATIONS
1	The RxLR effector Avh241 from <i>Phytophthora sojae</i> requires plasma membrane localization to induce plant cell death. <i>New Phytologist</i> , 2012, 196, 247-260.	7.3	151
2	Digital Gene Expression Profiling of the <i>Phytophthora sojae</i> Transcriptome. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1530-1539.	2.6	119
3	<i>Phytophthora</i> Suppressor of RNA Silencing 2 Is a Conserved RxLR Effector that Promotes Infection in Soybean and <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 1379-1389.	2.6	101
4	Two Host Cytoplasmic Effectors Are Required for Pathogenesis of <i>Phytophthora sojae</i> by Suppression of Host Defenses. <i>Plant Physiology</i> , 2011, 155, 490-501.	4.8	100
5	Ligand-induced monoubiquitination of BIK1 regulates plant immunity. <i>Nature</i> , 2020, 581, 199-203.	27.8	99
6	Intracellular and Extracellular Phosphatidylinositol 3-Phosphate Produced by <i>Phytophthora</i> Species Is Important for Infection. <i>Molecular Plant</i> , 2013, 6, 1592-1604.	8.3	51
7	PsSAK1, a Stress-Activated MAP Kinase of <i>Phytophthora sojae</i> , Is Required for Zoospore Viability and Infection of Soybean. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1022-1031.	2.6	45
8	High-throughput, single-particle tracking reveals nested membrane domains that dictate KRasG12D diffusion and trafficking. <i>ELife</i> , 2019, 8, .	6.0	40
9	Fast and multiplexed superresolution imaging with DNA-PAINT-ERS. <i>Nature Communications</i> , 2020, 11, 4339.	12.8	37
10	Manipulating Endoplasmic Reticulum-Plasma Membrane Tethering in Plants Through Fluorescent Protein Complementation. <i>Frontiers in Plant Science</i> , 2019, 10, 635.	3.6	36
11	PsMPK1, an SLT2-type mitogen-activated protein kinase, is required for hyphal growth, zoosporogenesis, cell wall integrity, and pathogenicity in <i>Phytophthora sojae</i> . <i>Fungal Genetics and Biology</i> , 2014, 65, 14-24.	2.1	35
12	A Myb Transcription Factor of <i>Phytophthora sojae</i> , Regulated by MAP Kinase PsSAK1, Is Required for Zoospore Development. <i>PLoS ONE</i> , 2012, 7, e40246.	2.5	33
13	The heat shock transcription factor <i>P</i> <i>HSF</i> 1 of <i>Phytophthora sojae</i> is required for oxidative stress tolerance and detoxifying the plant oxidative burst. <i>Environmental Microbiology</i> , 2015, 17, 1351-1364.	3.8	32
14	Interpretation of cancer mutations using a multiscale map of protein systems. <i>Science</i> , 2021, 374, eabf3067.	12.6	29
15	Tethering of Multi-Vesicular Bodies and the Tonoplast to the Plasma Membrane in Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 636.	3.6	24
16	Studying Ras Nanocluster Formation on the Cell Membrane with Correlative Superresolution and Electron Microscopies. <i>Microscopy and Microanalysis</i> , 2019, 25, 1220-1221.	0.4	0
17	Microbe-Independent Entry of Oomycete RxLR Effectors and Fungal RxLR-Like Effectors Into Plant and Animal Cells Is Specific and Reproducible. <i>Molecular Plant-Microbe Interactions</i> , 2015, 2015, 51-56.	2.6	0