Miaoying Tian

List of Publications by Year
in descending order

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36	2,814	257450	330143
papers	citations	24 h-index	37 g-index

38	38	38	3083
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dual transcriptional analysis of Ocimum basilicum and Peronospora belbahrii in susceptible interactions. Plant Gene, 2022, 29, 100350.	2.3	4
2	Development, validation, and utility of species-specific diagnostic markers for detection of Peronospora belbahrii. Phytopathology, 2022, , .	2.2	1
3	CRISPR/Cas9-mediated mutagenesis of sweet basil candidate susceptibility gene ObDMR6 enhances downy mildew resistance. PLoS ONE, 2021, 16, e0253245.	2.5	35
4	Efficient targeted mutagenesis in allotetraploid sweet basil by CRISPR/Cas9. Plant Direct, 2020, 4, e00233.	1.9	21
5	A secreted protein of 15â€‰kDa plays an important role in Phytophthora palmivora development and pathogenicity. Scientific Reports, 2020, 10, 2319.	3.3	13
6	Agrobacterium -mediated Transformation of Sweet Basil (Ocimum basilicum). Bio-protocol, 2020, 10, e3828.	0.4	2
7	A Phytophthora palmivora Extracellular Cystatin-Like Protease Inhibitor Targets Papain to Contribute to Virulence on Papaya. Molecular Plant-Microbe Interactions, 2018, 31, 363-373.	2.6	88
8	A qPCR approach to quantify the growth of basil downy mildew pathogen Peronospora belbahrii during infection. Current Plant Biology, 2018, 15, 2-7.	4.7	12
9	Suppression of Root-Knot Nematode by Vermicompost Tea Prepared From Different Curing Ages of Vermicompost. Plant Disease, 2017, 101, 734-737.	1.4	18
10	The plant defense and pathogen counterdefense mediated by Hevea brasiliensis serine protease HbSPA and Phytophthora palmivora extracellular protease inhibitor PpEPI10. PLoS ONE, 2017, 12, e0175795.	2.5	22
11	Multiple Targets of Salicylic Acid and Its Derivatives in Plants and Animals. Frontiers in Immunology, 2016, 7, 206.	4.8	118
12	Establishment of a simple and efficient Agrobacterium-mediated transformation system for Phytophthora palmivora. BMC Microbiology, 2016, 16, 204.	3.3	19
13	Molecular Cloning of HbPR-1 Gene from Rubber Tree, Expression of HbPR-1 Gene in Nicotiana benthamiana and Its Inhibition of Phytophthora palmivora. PLoS ONE, 2016, 11, e0157591.	2.5	11
14	Activation of Plant Innate Immunity by Extracellular High Mobility Group Box 3 and Its Inhibition by Salicylic Acid. PLoS Pathogens, 2016, 12, e1005518.	4.7	82
15	Aspirinâ€™s Active Metabolite Salicylic Acid Targets High Mobility Group Box 1 to Modulate Inflammatory Responses. Molecular Medicine, 2015, 21, 526-535.	4.4	97
16	Salicylic Acid Inhibits the Replication of Tomato bushy stunt virus by Directly Targeting a Host Component in the Replication Complex. Molecular Plant-Microbe Interactions, 2015, 28, 379-386.	2.6	46
17	Salicylic acid binding of mitochondrial alphaâ€ketoglutarate dehydrogenase E2 affects mitochondrial oxidative phosphorylation and electron transport chain components and plays a role in basal defense against tobacco mosaic virus in tomato. New Phytologist, 2015, 205, 1296-1307.	7.3	55
18	Human GAPDH Is a Target of Aspirinâ€™s Primary Metabolite Salicylic Acid and Its Derivatives. PLoS ONE, 2015, 10, e0143447.	2.5	44

#	Article	IF	Citations
19	Effector Specialization in a Lineage of the Irish Potato Famine Pathogen. Science, 2014, 343, 552-555.	12.6	179
20	Identification of multiple salicylic acid-binding proteins using two high throughput screens. Frontiers in Plant Science, 2014, 5, 777.	3.6	119
21	The <scp>A</scp>rabidopsis oligopeptidases <scp>TOP</scp>1 and <scp>TOP</scp>2 are salicylic acid targets that modulate <scp>SA</scp>â€mediated signaling and the immune response. Plant Journal, 2013, 76, 603-614.	5.7	41
22	Arabidopsis Actin-Depolymerizing Factor-4 Links Pathogen Perception, Defense Activation and Transcription to Cytoskeletal Dynamics. PLoS Pathogens, 2012, 8, e1003006.	4.7	86
23	Salicylic acid binds NPR3 and NPR4 to regulate NPR1-dependent defense responses. Cell Research, 2012, 22, 1631-1633.	12.0	92
24	The combined use of photoaffinity labeling and surface plasmon resonanceâ€based technology identifies multiple salicylic acidâ€binding proteins. Plant Journal, 2012, 72, 1027-1038.	5.7	62
25	454 Genome Sequencing of Pseudoperonospora cubensis Reveals Effector Proteins with a QXLR Translocation Motif. Molecular Plant-Microbe Interactions, 2011, 24, 543-553.	2.6	110
26	Arabidopsis Actin-Depolymerizing Factor AtADF4 Mediates Defense Signal Transduction Triggered by the Pseudomonas syringae Effector AvrPphB Â Â. Plant Physiology, 2009, 150, 815-824.	4.8	141
27	Inhibition of a Hevea brasiliensis protease by a Kazal-like serine protease inhibitor from Phytophthora palmivora. Physiological and Molecular Plant Pathology, 2009, 74, 27-33.	2.5	8
28	Apoplastic effectors secreted by two unrelated eukaryotic plant pathogens target the tomato defense protease Rcr3. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1654-1659.	7.1	260
29	The Arabidopsis Gain-of-Function Mutant ssi4 Requires RAR1 and SGT1b Differentially for Defense Activation and Morphological Alterations. Molecular Plant-Microbe Interactions, 2008, 21, 40-49.	2.6	30
30	A Phytophthora infestans Cystatin-Like Protein Targets a Novel Tomato Papain-Like Apoplastic Protease. Plant Physiology, 2007, 143, 364-377.	4.8	277
31	Domain switching and host recognition. Molecular Microbiology, 2006, 61, 1091-1093.	2.5	2
32	Expressed sequence tags from the oomycete fish pathogen Saprolegnia parasitica reveal putative virulence factors. BMC Microbiology, 2005, 5, 46.	3.3	90
33	A two disulfide bridge Kazal domain from Phytophthora exhibits stable inhibitory activity against serine proteases of the subtilisin family. BMC Biochemistry, 2005, 6, 15.	4.4	40
34	A Second Kazal-Like Protease Inhibitor from Phytophthora infestans Inhibits and Interacts with the Apoplastic Pathogenesis-Related Protease P69B of Tomato. Plant Physiology, 2005, 138, 1785-1793.	4.8	222
35	A Kazal-like Extracellular Serine Protease Inhibitor from Phytophthora infestans Targets the Tomato Pathogenesis-related Protease P69B. Journal of Biological Chemistry, 2004, 279, 26370-26377.	3.4	301
36	Linking sequence to phenotype in Phytophthoraâ€“plant interactions. Trends in Microbiology, 2004, 12, 193-200.	7.7	65