

Co-Shine Wang

List of Publications by Year in descending order

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36
papers

1,276
citations

471509

17
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361022

35
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36
all docs

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docs citations

36
times ranked

1469
citing authors

#	ARTICLE	IF	CITATIONS
1	FERONIA controls pectin- and nitric oxide-mediated male-female interaction. <i>Nature</i> , 2020, 579, 561-566.	27.8	137
2	Characterization of a Cis-Prenyltransferase from <i>Lilium longiflorum</i> Anther. <i>Molecules</i> , 2019, 24, 2728.	3.8	3
3	A WD40 protein, AtGHS40, negatively modulates abscisic acid degrading and signaling genes during seedling growth under high glucose conditions. <i>Journal of Plant Research</i> , 2016, 129, 1127-1140.	2.4	8
4	A tRH 57, a DEAD box RNA helicase, is involved in feedback inhibition of glucose-mediated abscisic acid accumulation during seedling development and additively affects pre-ribosomal RNA processing with high glucose. <i>Plant Journal</i> , 2014, 77, 119-135.	5.7	57
5	A novel lily anther-specific gene encodes adhesin-like proteins associated with exine formation during anther development. <i>Journal of Experimental Botany</i> , 2014, 65, 2023-2037.	4.8	5
6	Identification of the tapetum/microspore-specific promoter of the pathogenesis-related 10 gene and its regulation in the anther of <i>Lilium longiflorum</i> . <i>Plant Science</i> , 2014, 215-216, 124-133.	3.6	12
7	AtRRP6L1, a Homolog of Conserved Yeast Exosomal Rps6p, Plays an Important Role in Transcriptional Gene Silencing in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2014, 7, 1490-1493.	8.3	5
8	Characterization of a lily anther-specific gene encoding cytoskeleton-binding glycoproteins and overexpression of the gene causes severe inhibition of pollen tube growth. <i>Planta</i> , 2014, 240, 525-537.	3.2	6
9	New Insights into Desiccation-Associated Gene Regulation by <i>Lilium longiflorum</i> ASR during Pollen Maturation and in Transgenic <i>Arabidopsis</i> . <i>International Review of Cell and Molecular Biology</i> , 2013, 301, 37-94.	3.2	12
10	Lily ASR protein-conferred cold and freezing resistance in <i>Arabidopsis</i> . <i>Plant Physiology and Biochemistry</i> , 2011, 49, 937-945.	5.8	47
11	Expression, Localization and Function of a cis-Prenyltransferase in the Tapetum and Microspores of Lily Anthers. <i>Plant and Cell Physiology</i> , 2011, 52, 1487-1500.	3.1	14
12	Rop GTPase and Its Target Cdc42/Rac-Interactive-Binding Motif-Containing Protein Genes Respond to Desiccation during Pollen Maturation. <i>Plant and Cell Physiology</i> , 2010, 51, 1197-1209.	3.1	14
13	Lily Cdc42/Rac-interactive binding motif-containing protein, a Rop target, involves calcium influx and phosphoproteins during pollen germination and tube growth. <i>Plant Signaling and Behavior</i> , 2010, 5, 1460-1463.	2.4	2
14	A conserved transcriptional regulator is required for RNA-directed DNA methylation and plant development. <i>Genes and Development</i> , 2009, 23, 2717-2722.	5.9	92
15	NRPD4, a protein related to the RPB4 subunit of RNA polymerase II, is a component of RNA polymerases IV and V and is required for RNA-directed DNA methylation. <i>Genes and Development</i> , 2009, 23, 318-330.	5.9	126
16	An Effector of RNA-Directed DNA Methylation in <i>Arabidopsis</i> Is an ARGONAUTE 4- and RNA-Binding Protein. <i>Cell</i> , 2009, 137, 498-508.	28.9	220
17	Expression and regulation of two novel anther-specific genes in <i>Lilium longiflorum</i> . <i>Journal of Plant Physiology</i> , 2009, 166, 417-427.	3.5	9
18	The LLA23 protein translocates into nuclei shortly before desiccation in developing pollen grains and regulates gene expression in <i>Arabidopsis</i> . <i>Protoplasma</i> , 2008, 233, 241-254.	2.1	12

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19	Identification of anther-specific/predominant genes regulated by gibberellin during development of lily anthers. <i>Journal of Plant Physiology</i> , 2008, 165, 553-563.	3.5	17
20	Gene expression pattern at desiccation in the anther of <i>Lilium longiflorum</i> . <i>Planta</i> , 2007, 226, 311-322.	3.2	15
21	Biochemical characterization of a pollen-specific cDNA encoding polygalacturonase in <i>Lilium longiflorum</i> . <i>Plant Science</i> , 2006, 170, 433-440.	3.6	7
22	A lily pollen-specific cDNA encoding the Cdc42/Rac-interactive-binding motif-containing protein associated with pollen tube growth. <i>Physiologia Plantarum</i> , 2006, 126, 232-242.	5.2	2
23	A lily pollen ASR protein localizes to both cytoplasm and nuclei requiring a nuclear localization signal. <i>Physiologia Plantarum</i> , 2005, 123, 314-320.	5.2	40
24	A Lily ASR Protein Involves Abscisic Acid Signaling and Confers Drought and Salt Resistance in Arabidopsis. <i>Plant Physiology</i> , 2005, 139, 836-846.	4.8	149
25	Gene Expression Profiles of Cold-stored and Fresh Pollen to Investigate Pollen Germination and Growth. <i>Plant and Cell Physiology</i> , 2004, 45, 1519-1528.	3.1	22
26	A desiccation-induced transcript in lily (<i>Lilium longiflorum</i>) pollen. <i>Journal of Plant Physiology</i> , 2002, 159, 765-772.	3.5	5
27	Characterization of two subclasses of PR-10 transcripts in lily anthers and induction of their genes through separate signal transduction pathways. <i>Plant Molecular Biology</i> , 1999, 40, 807-814.	3.9	51
28	Characterization of a lily tapetal transcript that shares sequence similarity with a class of intracellular pathogenesis-related (IPR) proteins. <i>Plant Molecular Biology</i> , 1997, 34, 681-686.	3.9	45
29	Two classes of pollen-specific, heat-stable proteins in <i>Lilium longiflorum</i> . <i>Physiologia Plantarum</i> , 1996, 97, 643-650.	5.2	21
30	Two classes of pollen-specific, heat-stable proteins in <i>Lilium longiflorum</i> . <i>Physiologia Plantarum</i> , 1996, 97, 643-650.	5.2	5
31	Characterization of an anther-specific glycoprotein in <i>Lilium longiflorum</i> . <i>American Journal of Botany</i> , 1993, 80, 1155-1161.	1.7	0
32	Immunological Characterization of a Tapetal Protein in Developing Anthers of <i>Lilium longiflorum</i> . <i>Plant Physiology</i> , 1992, 99, 822-829.	4.8	25
33	PATTERNS OF PROTEIN ACCUMULATION IN DEVELOPING ANTHERS OF LILIUM LONGIFLORUM CORRELATE WITH HISTOLOGICAL EVENTS. <i>American Journal of Botany</i> , 1992, 79, 118-127.	1.7	43
34	Patterns of Protein Accumulation in Developing Anthers of <i>Lilium longiflorum</i> Correlate with Histological Events. <i>American Journal of Botany</i> , 1992, 79, 118.	1.7	20
35	A Homolog of the Substrate Adhesion Molecule Vitronectin Occurs in Four Species of Flowering Plants. <i>Plant Cell</i> , 1991, 3, 629.	6.6	20
36	Heterogeneity in cDNA clones encoding rice glutelin. <i>FEBS Letters</i> , 1987, 222, 135-138.	2.8	8