Co-Shine Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3194035/publications.pdf

Version: 2024-02-01

36 papers	1,276 citations	471509 17 h-index	361022 35 g-index
36 all docs	36 docs citations	36 times ranked	1469 citing authors

#	Article	IF	Citations
1	An Effector of RNA-Directed DNA Methylation in Arabidopsis Is an ARGONAUTE 4- and RNA-Binding Protein. Cell, 2009, 137, 498-508.	28.9	220
2	A Lily ASR Protein Involves Abscisic Acid Signaling and Confers Drought and Salt Resistance in Arabidopsis. Plant Physiology, 2005, 139, 836-846.	4.8	149
3	FERONIA controls pectin- and nitric oxide-mediated maleâ€“female interaction. Nature, 2020, 579, 561-566.	27.8	137
4	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. Genes and Development, 2009, 23, 318-330.	5.9	126
5	A conserved transcriptional regulator is required for RNA-directed DNA methylation and plant development. Genes and Development, 2009, 23, 2717-2722.	5.9	92
6	A t RH 57, a DEAD â€box RNA helicase, is involved in feedback inhibition of glucoseâ€mediated abscisic acid accumulation during seedling development and additively affects preâ€ribosomal RNA processing with high glucose. Plant Journal, 2014, 77, 119-135.	5.7	57
7	Characterization of two subclasses of PR-10 transcripts in lily anthers and induction of their genes through separate signal transduction pathways. Plant Molecular Biology, 1999, 40, 807-814.	3.9	51
8	Lily ASR protein-conferred cold and freezing resistance in Arabidopsis. Plant Physiology and Biochemistry, 2011, 49, 937-945.	5.8	47
9	Characterization of a lily tapetal transcript that shares sequence similarity with a class of intracellular pathogenesis-related (IPR) proteins. Plant Molecular Biology, 1997, 34, 681-686.	3.9	45
10	PATTERNS OF PROTEIN ACCUMULATION IN DEVELOPING ANTHERS OF LILIUM LONGIFLORUM CORRELATE WITH HISTOLOGICAL EVENTS. American Journal of Botany, 1992, 79, 118-127.	1.7	43
11	A lily pollen ASR protein localizes to both cytoplasm and nuclei requiring a nuclear localization signal. Physiologia Plantarum, 2005, 123, 314-320.	5.2	40
12	Immunological Characterization of a Tapetal Protein in Developing Anthers of Lilium longiflorum. Plant Physiology, 1992, 99, 822-829.	4.8	25
13	Gene Expression Profiles of Cold-stored and Fresh Pollen to Investigate Pollen Germination and Growth. Plant and Cell Physiology, 2004, 45, 1519-1528.	3.1	22
14	Two classes of pollen-specific, heat-stable proteins in Lilium longiflorum. Physiologia Plantarum, 1996, 97, 643-650.	5.2	21
15	A Homolog of the Substrate Adhesion Molecule Vitronectin Occurs in Four Species of Flowering Plants. Plant Cell, 1991, 3, 629.	6.6	20
16	Patterns of Protein Accumulation in Developing Anthers of Lilium longiflorum Correlate with Histological Events. American Journal of Botany, 1992, 79, 118.	1.7	20
17	Identification of anther-specific/predominant genes regulated by gibberellin during development of lily anthers. Journal of Plant Physiology, 2008, 165, 553-563.	3.5	17
18	Gene expression pattern at desiccation in the anther of Lilium longiflorum. Planta, 2007, 226, 311-322.	3.2	15

#	Article	IF	Citations
19	Rop GTPase and Its Target Cdc42/Rac-Interactive-Binding Motif-Containing Protein Genes Respond to Desiccation during Pollen Maturation. Plant and Cell Physiology, 2010, 51, 1197-1209.	3.1	14
20	Expression, Localization and Function of a cis-Prenyltransferase in the Tapetum and Microspores of Lily Anthers. Plant and Cell Physiology, 2011, 52, 1487-1500.	3.1	14
21	The LLA23 protein translocates into nuclei shortly before desiccation in developing pollen grains and regulates gene expression in Arabidopsis. Protoplasma, 2008, 233, 241-254.	2.1	12
22	New Insights into Desiccation-Associated Gene Regulation by Lilium longiflorum ASR during Pollen Maturation and in Transgenic Arabidopsis. International Review of Cell and Molecular Biology, 2013, 301, 37-94.	3.2	12
23	Identification of the tapetum/microspore-specific promoter of the pathogenesis-related 10 gene and its regulation in the anther of Lilium longiflorum. Plant Science, 2014, 215-216, 124-133.	3.6	12
24	Expression and regulation of two novel anther-specific genes in Lilium longiflorum. Journal of Plant Physiology, 2009, 166, 417-427.	3.5	9
25	Heterogeneity in cDNA clones encoding rice glutelin. FEBS Letters, 1987, 222, 135-138.	2.8	8
26	A WD40 protein, AtGHS40, negatively modulates abscisic acid degrading and signaling genes during seedling growth under high glucose conditions. Journal of Plant Research, 2016, 129, 1127-1140.	2.4	8
27	Biochemical characterization of a pollen-specific cDNA encoding polygalacturonase in Lilium longiflorum. Plant Science, 2006, 170, 433-440.	3.6	7
28	Characterization of a lily anther-specific gene encoding cytoskeleton-binding glycoproteins and overexpression of the gene causes severe inhibition of pollen tube growth. Planta, 2014, 240, 525-537.	3.2	6
29	A desiccation-induced transcript in lily (Lilium longiflorum) pollen. Journal of Plant Physiology, 2002, 159, 765-772.	3.5	5
30	A novel lily anther-specific gene encodes adhesin-like proteins associated with exine formation during anther development. Journal of Experimental Botany, 2014, 65, 2023-2037.	4.8	5
31	AtRRP6L1, a Homolog of Conserved Yeast Exosomal Rrp6p, Plays an Important Role in Transcriptional Gene Silencing in Arabidopsis. Molecular Plant, 2014, 7, 1490-1493.	8.3	5
32	Two classes of pollen-specific, heat-stable proteins in Lilium longiflorum. Physiologia Plantarum, 1996, 97, 643-650.	5.2	5
33	Characterization of a Cis-Prenyltransferase from Lilium longiflorum Anther. Molecules, 2019, 24, 2728.	3.8	3
34	A lily pollen-specific cDNA encoding the Cdc42/Rac-interactive-binding motif-containing protein associated with pollen tube growth. Physiologia Plantarum, 2006, 126, 232-242.	5.2	2
35	Lily Cdc42/Rac-interactive binding motif-containing protein, a Rop target, involves calcium influx and phosphoproteins during pollen germination and tube growth. Plant Signaling and Behavior, 2010, 5, 1460-1463.	2.4	2
36	Characterization of an antherâ€specific glycoprotein in Lilium longiflorum. American Journal of Botany, 1993, 80, 1155-1161.	1.7	0