Guang-Yuh Jauh

List of Publications by Year
in descending order

38 papers	1,833 citations	304368 22 h-index	344852 36 g-index
38 all docs	38 docs citations	38 times ranked	5024 citing authors

#	Article	IF	Citations
1	Tonoplast Intrinsic Protein Isoforms as Markers for Vacuolar Functions. Plant Cell, 1999, 11, 1867-1882.	3.1	272
2	A Lipid Transferâ€“like Protein Is Necessary for Lily Pollen Tube Adhesion to an in Vitro Stylar Matrix. Plant Cell, 2000, 12, 151-163.	3.1	202
3	Caleosins: Ca2+-binding proteins associated with lipid bodies. Plant Molecular Biology, 2000, 44, 463-476.	2.0	161
4	An Actin-Binding Protein, LlLIM1, Mediates Calcium and Hydrogen Regulation of Actin Dynamics in Pollen Tubes Â Â Â. Plant Physiology, 2008, 147, 1619-1636.	2.3	102
5	BP-80 and Homologs are Concentrated on Post-Golgi, Probable Lytic Prevacuolar Compartments. Plant and Cell Physiology, 2002, 43, 726-742.	1.5	99
6	Arabidopsis mTERF15 Is Required for Mitochondrial nad2 Intron 3 Splicing and Functional Complex I Activity. PLoS ONE, 2014, 9, e112360.	1.1	92
7	Arabinogalactan proteins, pollen tube growth, and the reversible effects of Yariv phenylglycoside. Protoplasma, 2002, 219, 89-98.	1.0	80
8	Alpha Tonoplast Intrinsic Protein is Specifically Associated with Vacuole Membrane Involved in an Autophagic Process. Plant and Cell Physiology, 2003, 44, 795-802.	1.5	71
9	Rice <i>SIZ1</i>, a SUMO E3 ligase, controls spikelet fertility through regulation of anther dehiscence. New Phytologist, 2011, 189, 869-882.	3.5	65
10	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.	2.8	57
11	Profiling of Translatomes of in Vivoâ€“Grown Pollen Tubes Reveals Genes with Roles in Micropylar Guidance during Pollination in <i>Arabidopsis</i>. Plant Cell, 2014, 26, 602-618.	3.1	56
12	Transcriptomic adaptations in rice suspension cells under sucrose starvation. Plant Molecular Biology, 2007, 63, 441-463.	2.0	49
13	A lily pollen ASR protein localizes to both cytoplasm and nuclei requiring a nuclear localization signal. Physiologia Plantarum, 2005, 123, 314-320.	2.6	40
14	Stable Oil Bodies Sheltered by a Unique Oleosin in Lily Pollen. Plant and Cell Physiology, 2007, 48, 812-821.	1.5	40
15	VPS36-Dependent Multivesicular Bodies Are Critical for Plasmamembrane Protein Turnover and Vacuolar Biogenesis. Plant Physiology, 2017, 173, 566-581.	2.3	39
16	K+ Transporter AtCHX17 with Its Hydrophilic C Tail Localizes to Membranes of the Secretory/Endocytic System: Role in Reproduction and Seed Set. Molecular Plant, 2013, 6, 1226-1246.	3.9	35
17	A Lipid Transfer-Like Protein Is Necessary for Lily Pollen Tube Adhesion to an in vitro Stylar Matrix. Plant Cell, 2000, 12, 151.	3.1	34
18	Arabidopsis CHROMOSOME TRANSMISSION FIDELITY 7 (AtCTF7 / ECO1) is required for DNA repair, mitosis and meiosis. Plant Journal, 2013, 75, 927-940.	2.8	34

#	Article	IF	Citations
19	Functional Characterization of Ice Plant SKD1, an AAA-Type ATPase Associated with the Endoplasmic Reticulum-Golgi Network, and Its Role in Adaptation to Salt Stress. Plant Physiology, 2006, 141, 135-146.	2.3	30
20	Distinct role of <i>Arabidopsis</i> mitochondrial P-type pentatricopeptide repeat protein-modulating editing protein, PPME, in <i>nad1</i> RNA editing. RNA Biology, 2016, 13, 593-604.	1.5	29
21	A Unique Caleosin in Oil Bodies of Lily Pollen. Plant and Cell Physiology, 2008, 49, 1390-1395.	1.5	25
22	Pollen Germination and Tube Growth. Advances in Botanical Research, 2010, 54, 1-52.	0.5	25
23	Pollen-Specific SKP1-Like Proteins are Components of Functional SCF Complexes and Essential for Lily Pollen Tube Elongation. Plant and Cell Physiology, 2009, 50, 1558-1572.	1.5	23
24	Gene Expression Profiles of Cold-stored and Fresh Pollen to Investigate Pollen Germination and Growth. Plant and Cell Physiology, 2004, 45, 1519-1528.	1.5	22
25	Rice LGD1 containing RNA binding activity affects growth and development through alternative promoters. Plant Journal, 2012, 71, 288-302.	2.8	21
26	SMALL AUXIN UP RNA62/75 Are Required for the Translation of Transcripts Essential for Pollen Tube Growth. Plant Physiology, 2018, 178, 626-640.	2.3	21
27	Actin in Mung Bean Mitochondria and Implications for Its Function Â. Plant Cell, 2011, 23, 3727-3744.	3.1	19
28	AtRBOH I confers submergence tolerance and is involved in auxin-mediated signaling pathways under hypoxic stress. Plant Growth Regulation, 2017, 83, 277-285.	1.8	15
29	SLDP: a Novel Protein Related to Caleosin Is Associated with the Endosymbiotic Symbiodinium Lipid Droplets from Euphyllia glabrescens. Marine Biotechnology, 2014, 16, 560-571.	1.1	14
30	Mitochondrial Heat Shock Protein 60s Interact with Whatâ€™s This Factor 9 to Regulate RNA Splicing ofccmFCandrpl2. Plant and Cell Physiology, 2019, 60, 116-125.	1.5	13
31	Dual Role of a SAS10/C1D Family Protein in Ribosomal RNA Gene Expression and Processing Is Essential for Reproduction in Arabidopsis thaliana. PLoS Genetics, 2016, 12, e1006408.	1.5	12
32	Arabidopsis Qc-SNARE genes BET11 and BET12 are required for fertility and pollen tube elongation. , 2015, 56, 21.		11
33	Identification and Exploration of Pollen Tube Small Proteins Encoded by Pollination-Induced Transcripts. Plant and Cell Physiology, 2011, 52, 1546-1559.	1.5	10
34	The Opposing Actions of Arabidopsis CHROMOSOME TRANSMISSION FIDELITY7 and WINGS APART-LIKE1 and 2 Differ in Mitotic and Meiotic Cells. Plant Cell, 2016, 28, 521-536.	3.1	5
35	VPS36-Mediated plasma membrane protein turnover is critical for Arabidopsis root gravitropism. Plant Signaling and Behavior, 2017, 12, e1307495.	1.2	4
36	Reduced activity ofArabidopsischromosome-cohesion regulator geneCTF7/ECO1alters cytosine methylation status and retrotransposon expression. Plant Signaling and Behavior, 2015, 10, e1013794.	1.2	3

#	Article	IF	Citations
37	The nucleolar protein SAHY1 is involved in pre-rRNA processing and normal plant growth. Plant Physiology, 2021, 185, 1039-1058.	2.3	3
38	Polysomal-mRNA Extraction from Arabidopsis by Sucrose-gradient Separation. Bio-protocol, 2014, 4, .	0.2	0