Myeong Min Lee

List of Publications by Year
in descending order

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40 papers	3,927 citations	236925 25 h-index	302126 39 g-index
40 all docs	40 docs citations	40 times ranked	4261 citing authors

#	Article	IF	Citations
1	Brassinosteroid-Insensitive 1-Associated Receptor Kinase 1 Modulates Abscisic Acid Signaling by Inducing PYR1 Monomerization and Association With ABI1 in Arabidopsis. Frontiers in Plant Science, 2022, 13, 849467.	3.6	5
2	POLTERGEIST and POLTERGEIST-LIKE1 are essential for the maintenance of post-embryonic shoot and root apical meristems as revealed by a partial loss-of-function mutant allele of pll1 in Arabidopsis. Genes and Genomics, 2020, 42, 107-116.	1.4	9
3	Defective Quiescent Center/AtTRS85 Encoding a TRAPPIII-specific Subunit Required for the Trans-golgi Network/Early Endosome Integrity is Essential for the Proper Root Development in Arabidopsis. Journal of Plant Biology, 2020, 63, 23-31.	2.1	2
4	SHOOT MERISTEMLESS is Required for the Proper Internode Patterning and the Sepal Separation in Arabidopsis. Journal of Plant Biology, 2020, 63, 33-42.	2.1	2
5	Overexpression of three related root-cap outermost-cell-specific C2H2-type zinc-finger protein genes suppresses the growth of Arabidopsis in an EAR-motif-dependent manner. BMB Reports, 2020, 53, 160-165.	2.4	7
6	QUIRKY regulates root epidermal cell patterning through stabilizing SCRAMBLED to control CAPRICE movement in Arabidopsis. Nature Communications, 2019, 10, 1744.	12.8	23
7	Rhizosphere microbiome structure alters to enable wilt resistance in tomato. Nature Biotechnology, 2018, 36, 1100-1109.	17.5	506
8	Involvement of Pyridoxine/Pyridoxamine 5'-Phosphate Oxidase (PDX3) in Ethylene-Induced Auxin Biosynthesis in the Arabidopsis Root. Molecules and Cells, 2018, 41, 1033-1044.	2.6	17
9	Conservation and Diversification of the SHR-SCR-SCL23 Regulatory Network in the Development of the Functional Endodermis in Arabidopsis Shoots. Molecular Plant, 2016, 9, 1197-1209.	8.3	37
10	BRI1-Associated Receptor Kinase 1 Regulates Guard Cell ABA Signaling Mediated by Open Stomata 1 in Arabidopsis. Molecular Plant, 2016, 9, 447-460.	8.3	170
11	TORNADO1 regulates root epidermal patterning through theWEREWOLFpathway inArabidopsis thaliana. Plant Signaling and Behavior, 2015, 10, e1103407.	2.4	23
12	WEREWOLF and ENHANCER of GLABRA3 are interdependent regulators of the spatial expression pattern of GLABRA2 in Arabidopsis. Biochemical and Biophysical Research Communications, 2015, 467, 94-100.	2.1	4
13	The Arabidopsis thaliana NGATHA transcription factors negatively regulate cell proliferation of lateral organs. Plant Molecular Biology, 2015, 89, 529-538.	3.9	47
14	ANGUSTIFOLIA mediates one of the multiple SCRAMBLED signaling pathways regulating cell growth pattern in Arabidopsis thaliana. Biochemical and Biophysical Research Communications, 2015, 465, 587-593.	2.1	5
15	Distinct Signaling Mechanisms in Multiple Developmental Pathways by the SCRAMBLED Receptor of Arabidopsis. Plant Physiology, 2014, 166, 976-987.	4.8	15
16	Nuclear Trapping Controls the Position-Dependent Localization of CAPRICE in the Root Epidermis of Arabidopsis. Plant Physiology, 2013, 163, 193-204.	4.8	50
17	A Gene Regulatory Network for Root Epidermis Cell Differentiation in Arabidopsis. PLoS Genetics, 2012, 8, e1002446.	3.5	306
18	Cell Fate in the Arabidopsis Root Epidermis Is Determined by Competition between WEREWOLF and CAPRICE Â Â. Plant Physiology, 2011, 157, 1196-1208.	4.8	86

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19	Funneling of gibberellin signaling by the GRAS transcription regulator SCARECROW-LIKE 3 in the Arabidopsis root. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2166-2171.	7.1	194
20	WEREWOLF, a Regulator of Root Hair Pattern Formation, Controls Flowering Time through the Regulation ofFTmRNA Stability Â Â Â. Plant Physiology, 2011, 156, 1867-1877.	4.8	35
21	BAK7 Displays Unequal Genetic Redundancy with BAK1 in Brassinosteroid Signaling and Early Senescence in Arabidopsis. Molecules and Cells, 2010, 29, 259-266.	2.6	40
22	TheMYB23Gene Provides a Positive Feedback Loop for Cell Fate Specification in theArabidopsisRoot Epidermis Â. Plant Cell, 2009, 21, 1080-1094.	6.6	130
23	Large-scale analysis of the GRAS gene family in Arabidopsis thaliana. Plant Molecular Biology, 2008, 67, 659-670.	3.9	174
24	Key Divisions in the Early Arabidopsis Embryo Require POL and PLL1 Phosphatases to Establish the Root Stem Cell Organizer and Vascular Axis. Developmental Cell, 2008, 15, 98-109.	7.0	92
25	Distinct and overlapping roles of single-repeat MYB genes in root epidermal patterning. Developmental Biology, 2007, 311, 566-578.	2.0	157
26	Single-stranded DNA binding factor AtWHY1 modulates telomere length homeostasis in Arabidopsis. Plant Journal, 2007, 49, 442-451.	5.7	77
27	Root development inarabidopsis thaliana: attraction from underground. Journal of Plant Biology, 2007, 50, 306-314.	2.1	1
28	A novel regulatory circuit specifies cell fate in the Arabidopsis root epidermis. Physiologia Plantarum, 2006, 126, 060127022051002-???.	5.2	9
29	Heterologous Expression and Molecular and Cellular Characterization of CaPUB1 Encoding a Hot Pepper U-Box E3 Ubiquitin Ligase Homolog. Plant Physiology, 2006, 142, 1664-1682.	4.8	106
30	POL and PLL1 phosphatases are CLAVATA1 signaling intermediates required for Arabidopsis shoot and floral stem cells. Development (Cambridge), 2006, 133, 4691-4698.	2.5	132
31	The WEREWOLF MYB protein directly regulates CAPRICEtranscription during cell fate specification in the Arabidopsis root epidermis. Development (Cambridge), 2005, 132, 4765-4775.	2.5	105
32	The bHLH genes GLABRA3 (GL3) andENHANCER OF GLABRA3(EGL3) specify epidermal cell fate in the Arabidopsis root. Development (Cambridge), 2003, 130, 6431-6439.	2.5	375
33	Regulation of the Cell Expansion Gene RHD3 during Arabidopsis Development. Plant Physiology, 2002, 129, 638-649.	4.8	36
34	Cell Pattern in the Arabidopsis Root Epidermis Determined by Lateral Inhibition with Feedback. Plant Cell, 2002, 14, 611-618.	6.6	221
35	WEREWOLF, a MYB-Related Protein in Arabidopsis, Is a Position-Dependent Regulator of Epidermal Cell Patterning. Cell, 1999, 99, 473-483.	28.9	543
36	Biotic and Abiotic Stress-Related Expression of 1-Aminocyclopropane-l-carboxylate Oxidase Gene Family in Nicotiana glutinosa L.. Plant and Cell Physiology, 1998, 39, 565-573.	3.1	75

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37	Effects of spermine on ethylene biosynthesis in cut carnation (Dianthus caryophyllus L) flowers during senescence. Journal of Plant Physiology, 1997, 151, 68-73.	3.5	67
38	Characterization and expression of two members of the S-adenosylmethionine decarboxylase gene family in carnation flower. Plant Molecular Biology, 1997, 34, 371-382.	3.9	38
39	Biochemical characteristics ofS-adenosylmethionine decarboxylase from carnation (Dianthus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	2.1	3
40	Effects of methyl jasmonate (MeJA) on the dark-induced senescence in oat (Avena sativa L.) leaf segments. Journal of Plant Biology, 1997, 40, 9-14.	2.1	3