Hyo-Jun Lee

List of Publications by Year
in descending order

23	1,542	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	2312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A NAC transcription factor NTL4 promotes reactive oxygen species production during droughtâ€induced leaf senescence in Arabidopsis. Plant Journal, 2012, 70, 831-844.	5.7	360
2	Stem-piped light activates phytochrome B to trigger light responses in Arabidopsis thaliana roots. Science Signaling, 2016, 9, ra106.	3.6	145
3	The unified ICEâ€“CBF pathway provides a transcriptional feedback control of freezing tolerance during cold acclimation in Arabidopsis. Plant Molecular Biology, 2015, 89, 187-201.	3.9	133
4	SPL3/4/5 Integrate Developmental Aging andÂPhotoperiodic Signals into the FT-FD Module in Arabidopsis Flowering. Molecular Plant, 2016, 9, 1647-1659.	8.3	125
5	<scp>COP</scp>1 conveys warm temperature information to hypocotyl thermomorphogenesis. New Phytologist, 2017, 215, 269-280.	7.3	118
6	Systemic Immunity Requires SnRK2.8-Mediated Nuclear Import of NPR1 in Arabidopsis. Plant Cell, 2015, 27, 3425-3438.	6.6	104
7	FCA mediates thermal adaptation of stem growth by attenuating auxin action in Arabidopsis. Nature Communications, 2014, 5, 5473.	12.8	87
8	Developmental Programming of Thermonastic Leaf Movement. Plant Physiology, 2019, 180, 1185-1197.	4.8	70
9	The Arabidopsis NAC transcription factor NTL4 participates in a positive feedback loop that induces programmed cell death under heat stress conditions. Plant Science, 2014, 227, 76-83.	3.6	65
10	ZEITLUPE Contributes to a Thermoresponsive Protein Quality Control System in Arabidopsis. Plant Cell, 2017, 29, 2882-2894.	6.6	64
11	Multiple Routes of Light Signaling during Root Photomorphogenesis. Trends in Plant Science, 2017, 22, 803-812.	8.8	48
12	<scp>PIN</scp>â€mediated polar auxin transport facilitates rootâ˜obstacle avoidance. New Phytologist, 2020, 225, 1285-1296.	7.3	39
13	The <scp>A</scp>rabidopsis thaliana <scp>RNA</scp>â€binding protein <scp>FCA</scp> regulates thermotolerance by modulating the detoxification of reactive oxygen species. New Phytologist, 2015, 205, 555-569.	7.3	36
14	Alternative splicing provides a proactive mechanism for the diurnal CONSTANS dynamics in Arabidopsis photoperiodic flowering. Plant Journal, 2017, 89, 128-140.	5.7	34
15	HOS1 Facilitates the Phytochrome B-Mediated Inhibition of PIF4 Function during Hypocotyl Growth in Arabidopsis. Molecular Plant, 2017, 10, 274-284.	8.3	31
16	Beyond ubiquitination: proteolytic and nonproteolytic roles of HOS1. Trends in Plant Science, 2014, 19, 538-545.	8.8	19
17	Underground roots monitor aboveground environment by sensing stem-piped light. Communicative and Integrative Biology, 2016, 9, e1261769.	1.4	14
18	Sound Waves Promote Arabidopsis thaliana Root Growth by Regulating Root Phytohormone Content. International Journal of Molecular Sciences, 2021, 22, 5739.	4.1	12

#	Article	IF	Citations
19	Thermo-Induced Maintenance of Photo-oxidoreductases Underlies Plant Autotrophic Development. Developmental Cell, 2017, 41, 170-179.e4.	7.0	11
20	Environmental Adaptation of the Heterotrophic-to-Autotrophic Transition: The Developmental Plasticity of Seedling Establishment. Critical Reviews in Plant Sciences, 2017, 36, 128-137.	5.7	11
21	HOS1 acts as a key modulator of hypocotyl photomorphogenesis. Plant Signaling and Behavior, 2017, 12, e1315497.	2.4	7
22	FERONIA Confers Resistance to Photooxidative Stress in Arabidopsis. Frontiers in Plant Science, 2021, 12, 714938.	3.6	7
23	An FCA-mediated epigenetic route towards thermal adaptation of autotrophic development in plants. BMB Reports, 2017, 50, 343-344.	2.4	2