Dong-Hwan Kim

List of Publications by Year
in descending order

29	1,560	567281 15	477307 29
papers	citations	h-index	g-index

31	31	31	1853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epigenetic repression and resetting of a floral repressor, FLC, in the life cycle of winter-annual Arabidopsis. Plant Biotechnology Reports, 2022, 16, 133.	1.5	0
2	An efficient Agrobacterium tumefaciens-mediated transformation of apical meristem in radish (Raphanus sativus L.) using a needle perforation. Plant Cell, Tissue and Organ Culture, 2022, 148, 305-318.	2.3	4
3	A premature stop codon in BrFLC2 transcript results in early flowering in oilseed-type Brassica rapa plants. Plant Molecular Biology, 2022, 108, 241-255.	3.9	4
4	Vernalization Regulates Flowering Genes and Modulates Glucosinolates Biosynthesis in Chinese Cabbage. Journal of Plant Biology, 2022, 65, 157.	2.1	3
5	<scp>ABI3</scp> â€•and <scp>PIF1</scp> â€mediated regulation of <scp> GIG1 </scp> enhances seed germination by detoxification of methylglyoxal in Arabidopsis. Plant Journal, 2022, , .	5.7	4
6	Transcriptome analysis revealed that jasmonic acid biosynthesis/signaling is involved in plant response to Strontium stress. Ecotoxicology and Environmental Safety, 2022, 237, 113552.	6.0	10
7	DEK domainâ€containing proteins control flowering time in Arabidopsis. New Phytologist, 2021, 231, 182-192.	7.3	6
8	The BrGI Circadian Clock Gene Is Involved in the Regulation of Glucosinolates in Chinese Cabbage. Genes, 2021, 12, 1664.	2.4	4
9	Transcriptomic and metabolic analyses revealed the modulatory effect of vernalization on glucosinolate metabolism in radish (Raphanus sativus L.). Scientific Reports, 2021, 11, 24023.	3.3	7
10	Differential expression of major genes involved in the biosynthesis of aliphatic glucosinolates in intergeneric Baemoochae (Brassicaceae) and its parents during development. Plant Molecular Biology, 2020, 102, 171-184.	3.9	19
11	Transcriptome and epigenome analyses of vernalization in Arabidopsis thaliana. Plant Journal, 2020, 103, 1490-1502.	5.7	29
12	Current understanding of flowering pathways in plants: focusing on the vernalization pathway in Arabidopsis and several vegetable crop plants. Horticulture Environment and Biotechnology, 2020, 61, 209-227.	2.1	27
13	Isolation of putative pepper defense-related genes against the pathogen Phytophthora capsici using suppression subtractive hybridization/macroarray and RNA-sequencing analyses. Horticulture Environment and Biotechnology, 2019, 60, 685-699.	2.1	8
14	Vernalization-Triggered Intragenic Chromatin Loop Formation by Long Noncoding RNAs. Developmental Cell, 2017, 40, 302-312.e4.	7.0	249
15	Accelerated vernalization response by an altered PHD-finger protein in Arabidopsis. Plant Signaling and Behavior, 2017, 12, e1308619.	2.4	8
16	Spatio-temporal analysis of coding and long noncoding transcripts during maize endosperm development. Scientific Reports, 2017, 7, 3838.	3.3	19
17	The Binding Specificity of the PHD-Finger Domain of VIN3 Moderates Vernalization Response. Plant Physiology, 2017, 173, 1258-1268.	4.8	21
18	Modular function of long noncoding RNA, COLDAIR, in the vernalization response. PLoS Genetics, 2017, 13, e1006939.	3.5	115

#	Article	IF	Citations
19	NO FLOWERING IN SHORT DAY (NFL) is a bHLH transcription factor that promotes flowering specifically under short-day in Arabidopsis. Development (Cambridge), 2016, 143, 682-90.	2.5	35
20	Polycomb-Mediated Gene Silencing in Arabidopsis thaliana. Molecules and Cells, 2014, 37, 841-850.	2.6	33
21	Genetic and Epigenetic Mechanisms Underlying Vernalization. The Arabidopsis Book, 2014, 12, e0171.	0.5	70
22	The catalytic subunit ofArabidopsisDNA polymerase Î± ensures stable maintenance of histone modification. Development (Cambridge), 2013, 140, 156-166.	2.5	59
23	Coordination of the Vernalization Response through a VIN3 and FLC Gene Family Regulatory Network in Arabidopsis Â Â. Plant Cell, 2013, 25, 454-469.	6.6	133
24	Environmentally coordinated epigenetic silencing of FLC by protein and long noncoding RNA components. Current Opinion in Plant Biology, 2012, 15, 51-56.	7.1	49
25	The Plant Homeo Domain finger protein, VIN3-LIKE 2, is necessary for photoperiod-mediated epigenetic regulation of the floral repressor, MAF5. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17029-17034.	7.1	63
26	Role ofVIN3-LIKE 2in facultative photoperiodic flowering response in Arabidopsis. Plant Signaling and Behavior, 2010, 5, 1672-1673.	2.4	8
27	Mechanisms underlying vernalization-mediatedVIN3induction in Arabidopsis. Plant Signaling and Behavior, 2010, 5, 1457-1459.	2.4	17
28	Vernalization-Mediated VIN3 Induction Overcomes the LIKE-HETEROCHROMATIN PROTEIN1/POLYCOMB REPRESSION COMPLEX2-Mediated Epigenetic Repression Â Â Â. Plant Physiology, 2010, 154, 949-957.	4.8	48
29	Vernalization: Winter and the Timing of Flowering in Plants. Annual Review of Cell and Developmental Biology, 2009, 25, 277-299.	9.4	507