Yong-Hwan Moon

List of Publications by Year
in descending order

50 papers	2,574 citations	236612 25 h-index	205818 48 g-index
51 all docs	51 docs citations	51 times ranked	3178 citing authors

#	Article	IF	Citations
1	Interaction of Polycomb-group proteins controlling flowering in Arabidopsis. Development (Cambridge), 2004, 131, 5263-5276.	1.2	491
2	Overexpression of Arabidopsis ZEP enhances tolerance to osmotic stress. Biochemical and Biophysical Research Communications, 2008, 375, 80-85.	1.0	147
3	Determination of the Motif Responsible for Interaction between the Rice APETALA1/AGAMOUS-LIKE9 Family Proteins Using a Yeast Two-Hybrid System1. Plant Physiology, 1999, 120, 1193-1204.	2.3	138
4	Identification of a rice APETALA3 homologue by yeast two-hybrid screening. Plant Molecular Biology, 1999, 40, 167-177.	2.0	127
5	Analysis of the C-terminal region of Arabidopsis thaliana APETALA1 as a transcription activation domain. Plant Molecular Biology, 1999, 40, 419-429.	2.0	126
6	EMF Genes Maintain Vegetative Development by Repressing the Flower Program in Arabidopsis. Plant Cell, 2003, 15, 681-693.	3.1	119
7	EMF1, A Novel Protein Involved in the Control of Shoot Architecture and Flowering in Arabidopsis. Plant Cell, 2001, 13, 1865-1875.	3.1	100
8	Arabidopsis MKK4 mediates osmotic-stress response via its regulation of MPK3 activity. Biochemical and Biophysical Research Communications, 2011, 412, 150-154.	1.0	94
9	EMF1, A Novel Protein Involved in the Control of Shoot Architecture and Flowering in Arabidopsis. Plant Cell, 2001, 13, 1865-1875.	3.1	94
10	Two rice MADS domain proteins interact with OsMADS1. Plant Molecular Biology, 2000, 44, 513-527.	2.0	88
11	Production of superoxide from Photosystem II in a rice (Oryza sativaL.) mutant lacking PsbS. BMC Plant Biology, 2014, 14, 242.	1.6	83
12	AtERF71/HRE2 transcription factor mediates osmotic stress response as well as hypoxia response in Arabidopsis. Biochemical and Biophysical Research Communications, 2011, 414, 135-141.	1.0	79
13	Alteration of floral organ identity in rice through ectopic expression of OsMADS16. Planta, 2003, 217, 904-911.	1.6	76
14	EMF1 Interacts with EIP1, EIP6 or EIP9 Involved in the Regulation of Flowering Time in Arabidopsis. Plant and Cell Physiology, 2011, 52, 1376-1388.	1.5	71
15	Arabidopsis MKKK20 is involved in osmotic stress response via regulation of MPK6 activity. Plant Cell Reports, 2012, 31, 217-224.	2.8	71
16	Identification of a C2H2-type zinc finger transcription factor (ZAT10) from Arabidopsis as a substrate of MAP kinase. Plant Cell Reports, 2012, 31, 737-745.	2.8	67
17	Arabidopsis AtERF71/HRE2 functions as transcriptional activator via cis-acting GCC box or DRE/CRT element and is involved in root development through regulation of root cell expansion. Plant Cell Reports, 2015, 34, 223-231.	2.8	55
18	Arabidopsis AtNAP functions as a negative regulator via repression of AREB1 in salt stress response. Planta, 2017, 245, 329-341.	1.6	54

#	Article	IF	Citations
19	Mechanisms of floral repression in Arabidopsis. Current Opinion in Plant Biology, 2003, 6, 29-35.	3.5	47
20	Arabidopsis non-TZF gene AtC3H17 functions as a positive regulator inÂsalt stress response. Biochemical and Biophysical Research Communications, 2018, 498, 954-959.	1.0	44
21	Increased Stability of LHCII by Aggregate Formation during Dark-Induced Leaf Senescence in the Arabidopsis Mutant, ore10. Plant and Cell Physiology, 2003, 44, 1368-1377.	1.5	41
22	AtC3H17, a Non-Tandem CCCH Zinc Finger Protein, Functions as a Nuclear Transcriptional Activator and Has Pleiotropic Effects on Vegetative Development, Flowering and Seed Development in Arabidopsis. Plant and Cell Physiology, 2016, 57, 603-615.	1.5	34
23	Depletion of Aurora A leads to upregulation of FoxO1 to induce cell cycle arrest in hepatocellular carcinoma cells. Cell Cycle, 2013, 12, 67-75.	1.3	33
24	Dependence of reaction center-type energy-dependent quenching on photosystem II antenna size. Biochimica Et Biophysica Acta - Bioenergetics, 2007, 1767, 773-780.	0.5	31
25	Arabidopsis Qc-SNARE gene AtSFT12 is involved in salt and osmotic stress responses and Na+ accumulation in vacuoles. Plant Cell Reports, 2015, 34, 1127-1138.	2.8	26
26	Overexpression of the DEAD-Box RNA Helicase Gene AtRH17 Confers Tolerance to Salt Stress in Arabidopsis. International Journal of Molecular Sciences, 2018, 19, 3777.	1.8	26
27	Temporal and Spatial Requirement of EMF1 Activity for Arabidopsis Vegetative and Reproductive Development. Molecular Plant, 2009, 2, 643-653.	3.9	25
28	Rice ternary MADS protein complexes containing class B MADS heterodimer. Biochemical and Biophysical Research Communications, 2010, 401, 598-604.	1.0	25
29	OsDEG10 encoding a small RNA-binding protein is involved in abiotic stress signaling. Biochemical and Biophysical Research Communications, 2009, 380, 597-602.	1.0	24
30	Arabidopsis HRE1Î±, a splicing variant of AtERF73/HRE1, functions as a nuclear transcription activator in hypoxia response and root development. Plant Cell Reports, 2014, 33, 1255-1262.	2.8	20
31	AtERF71/HRE2, an Arabidopsis AP2/ERF Transcription Factor Gene, Contains Both Positive and Negative Cis-Regulatory Elements in Its Promoter Region Involved in Hypoxia and Salt Stress Responses. International Journal of Molecular Sciences, 2022, 23, 5310.	1.8	16
32	Investigation of a Novel Salt Stress-Responsive Pathway Mediated by Arabidopsis DEAD-Box RNA Helicase Gene AtRH17 Using RNA-Seq Analysis. International Journal of Molecular Sciences, 2020, 21, 1595.	1.8	15
33	Arabidopsis lenc1 mutant displays reduced ABA accumulation by low AtNCED3 expression under osmotic stress. Journal of Plant Physiology, 2011, 168, 140-147.	1.6	14
34	Enhanced resistance of PsbS-deficient rice (Oryza sativa L.) to fungal and bacterial pathogens. Journal of Plant Biology, 2016, 59, 616-626.	0.9	13
35	Defects in a proteolytic step of light-harvesting complex II in anArabidopsis stay-green mutant,ore10, during dark-induced leaf senescence. Journal of Plant Biology, 2004, 47, 330-337.	0.9	8
36	The Arabidopsis chloroplast protein S-RBP11 is involved in oxidative and salt stress responses. Plant Cell Reports, 2014, 33, 837-847.	2.8	7

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37	A 2.2-mW 20â€“135-MHz False-Lock-Free DLL for Display Interface in 0.15- $muhbox{m}$ CMOS. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 554-558.	2.2	7
38	Two Alternative Splicing Variants of AtERF73/HRE1, HRE1Î± and HRE1Î², Have Differential Transactivation Activities in Arabidopsis. International Journal of Molecular Sciences, 2020, 21, 6984.	1.8	7
39	Effects of benzyladenine and abscisic acid on the disassembly process of photosystems in anArabidopsis delayed-senescence mutant,ore9. Journal of Plant Biology, 2005, 48, 170-177.	0.9	6
40	Non-TZF Protein AtC3H59/ZFWD3 Is Involved in Seed Germination, Seedling Development, and Seed Development, Interacting with PPPDE Family Protein Desi1 in Arabidopsis. International Journal of Molecular Sciences, 2021, 22, 4738.	1.8	5
41	Effects of Epiphytic Load on the Photosynthetic Performance of a Seagrass, Zostera marina, Monitored In Vivo by Chlorophyll Fluorescence Imaging. Journal of Plant Biology, 2009, 52, 171-175.	0.9	4
42	A 2.41-pJ/bit 5.4-Gb/s Dual-Loop Reference-Less CDR With Fully Digital Quarter-Rate Linear Phase Detector for Embedded DisplayPort. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 2907-2920.	3.5	4
43	Expression and pH-dependence of the Photosystem II Subunit S from Arabidopsis thaliana. Bulletin of the Korean Chemical Society, 2010, 31, 1479-1484.	1.0	3
44	Analysis of Putative Downstream Genes of Arabidopsis AtERF71/HRE2 Transcription Factor using a Microarray. Journal of Life Science, 2012, 22, 1359-1370.	0.2	3
45	A 4Gb/s Adaptive FFE/DFE Receiver with a Data-Dependent Jitter Measurement. IEICE Transactions on Electronics, 2011, E94-C, 1779-1786.	0.3	2
46	Non-TZF Transcriptional Activator AtC3H12 Negatively Affects Seed Germination and Seedling Development in Arabidopsis. International Journal of Molecular Sciences, 2022, 23, 1572.	1.8	2
47	A 1.62/2.7/5.4 Gbps Clock and Data Recovery Circuit for DisplayPort 1.2 with a single VCO. Journal of Semiconductor Technology and Science, 2013, 13, 185-192.	0.1	1
48	A 1.7 Gbps DLL-Based Clock Data Recovery for a Serial Display Interface in 0.35-Î¼m CMOS. ETRI Journal, 2012, 34, 35-43.	1.2	0
49	Construction and Analysis of Binary Vectors for Co-Overexpression, Tissue- or Development-Specific Expression and Stress-Inducible Expression in Plant. Journal of Life Science, 2010, 20, 1314-1323.	0.2	0
50	A Spread Spectrum Clock Generator for DisplayPort 1.2 with a Hershey-Kiss Modulation Profile. Journal of Semiconductor Technology and Science, 2013, 13, 282-290.	0.1	0