

# Yong-Hwan Moon

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,574  
citations

236925

25  
h-index

206112

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 <i>Arabidopsis</i> . <i>Development</i> (Cambridge), 2004, 131, 5263-5276.	2.5	491
2	Overexpression of <i>Arabidopsis</i> ZEP enhances tolerance to osmotic stress. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 80-85.	2.1	147
3	Determination of the Motif Responsible for Interaction between the Rice APETALA1/AGAMOUS-LIKE9 Family Proteins Using a Yeast Two-Hybrid System1. <i>Plant Physiology</i> , 1999, 120, 1193-1204.	4.8	138
4	Identification of a rice APETALA3 homologue by yeast two-hybrid screening. <i>Plant Molecular Biology</i> , 1999, 40, 167-177.	3.9	127
5	Analysis of the C-terminal region of <i>Arabidopsis thaliana</i> APETALA1 as a transcription activation domain. <i>Plant Molecular Biology</i> , 1999, 40, 419-429.	3.9	126
6	EMF Genes Maintain Vegetative Development by Repressing the Flower Program in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2003, 15, 681-693.	6.6	119
7	EMF1, A Novel Protein Involved in the Control of Shoot Architecture and Flowering in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2001, 13, 1865-1875.	6.6	100
8	<i>Arabidopsis</i> MKK4 mediates osmotic-stress response via its regulation of MPK3 activity. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 150-154.	2.1	94
9	EMF1, A Novel Protein Involved in the Control of Shoot Architecture and Flowering in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2001, 13, 1865-1875.	6.6	94
10	Two rice MADS domain proteins interact with OsMADS1. <i>Plant Molecular Biology</i> , 2000, 44, 513-527.	3.9	88
11	Production of superoxide from Photosystem II in a rice ( <i>Oryza sativa</i> L.) mutant lacking PsbS. <i>BMC Plant Biology</i> , 2014, 14, 242.	3.6	83
12	AtERF71/HRE2 transcription factor mediates osmotic stress response as well as hypoxia response in <i>Arabidopsis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 135-141.	2.1	79
13	Alteration of floral organ identity in rice through ectopic expression of OsMADS16. <i>Planta</i> , 2003, 217, 904-911.	3.2	76
14	EMF1 Interacts with EIP1, EIP6 or EIP9 Involved in the Regulation of Flowering Time in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2011, 52, 1376-1388.	3.1	71
15	<i>Arabidopsis</i> MKKK20 is involved in osmotic stress response via regulation of MPK6 activity. <i>Plant Cell Reports</i> , 2012, 31, 217-224.	5.6	71
16	Identification of a C2H2-type zinc finger transcription factor (ZAT10) from <i>Arabidopsis</i> as a substrate of MAP kinase. <i>Plant Cell Reports</i> , 2012, 31, 737-745.	5.6	67
17	<i>Arabidopsis</i> 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. <i>Plant Cell Reports</i> , 2015, 34, 223-231.	5.6	55
18	<i>Arabidopsis</i> AtNAP functions as a negative regulator via repression of AREB1 in salt stress response. <i>Planta</i> , 2017, 245, 329-341.	3.2	54

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19	Mechanisms of floral repression in Arabidopsis. <i>Current Opinion in Plant Biology</i> , 2003, 6, 29-35.	7.1	47
20	Arabidopsis non-TZF gene AtC3H17 functions as a positive regulator in salt stress response. <i>Biochemical and Biophysical Research Communications</i> , 2018, 498, 954-959.	2.1	44
21	Increased Stability of LHCII by Aggregate Formation during Dark-Induced Leaf Senescence in the Arabidopsis Mutant, ore10. <i>Plant and Cell Physiology</i> , 2003, 44, 1368-1377.	3.1	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. <i>Plant and Cell Physiology</i> , 2016, 57, 603-615.	3.1	34
23	Depletion of Aurora A leads to upregulation of FoxO1 to induce cell cycle arrest in hepatocellular carcinoma cells. <i>Cell Cycle</i> , 2013, 12, 67-75.	2.6	33
24	Dependence of reaction center-type energy-dependent quenching on photosystem II antenna size. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007, 1767, 773-780.	1.0	31
25	Arabidopsis Qc-SNARE gene AtSFT12 is involved in salt and osmotic stress responses and Na <sup>+</sup> accumulation in vacuoles. <i>Plant Cell Reports</i> , 2015, 34, 1127-1138.	5.6	26
26	Overexpression of the DEAD-Box RNA Helicase Gene AtRH17 Confers Tolerance to Salt Stress in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3777.	4.1	26
27	Temporal and Spatial Requirement of EMF1 Activity for Arabidopsis Vegetative and Reproductive Development. <i>Molecular Plant</i> , 2009, 2, 643-653.	8.3	25
28	Rice ternary MADS protein complexes containing class B MADS heterodimer. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 598-604.	2.1	25
29	OsDEG10 encoding a small RNA-binding protein is involved in abiotic stress signaling. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 597-602.	2.1	24
30	Arabidopsis HRE1 $\Delta$ , a splicing variant of AtERF73/HRE1, functions as a nuclear transcription activator in hypoxia response and root development. <i>Plant Cell Reports</i> , 2014, 33, 1255-1262.	5.6	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. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5310.	4.1	16
32	Investigation of a Novel Salt Stress-Responsive Pathway Mediated by Arabidopsis DEAD-Box RNA Helicase Gene AtRH17 Using RNA-Seq Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1595.	4.1	15
33	Arabidopsis lenc1 mutant displays reduced ABA accumulation by low AtNCED3 expression under osmotic stress. <i>Journal of Plant Physiology</i> , 2011, 168, 140-147.	3.5	14
34	Enhanced resistance of PsbS-deficient rice ( <i>Oryza sativa</i> L.) to fungal and bacterial pathogens. <i>Journal of Plant Biology</i> , 2016, 59, 616-626.	2.1	13
35	Defects in a proteolytic step of light-harvesting complex II in an Arabidopsis stay-green mutant, ore10, during dark-induced leaf senescence. <i>Journal of Plant Biology</i> , 2004, 47, 330-337.	2.1	8
36	The Arabidopsis chloroplast protein S-RBP11 is involved in oxidative and salt stress responses. <i>Plant Cell Reports</i> , 2014, 33, 837-847.	5.6	7

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37	A 2.2-mW 20-µs 135-MHz False-Lock-Free DLL for Display Interface in 0.15-µm CMOS. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 554-558.	3.0	7
38	Two Alternative Splicing Variants of AtERF73/HRE1, HRE1 <sup>1±</sup> and HRE1 <sup>1²</sup> , Have Differential Transactivation Activities in Arabidopsis. International Journal of Molecular Sciences, 2020, 21, 6984.	4.1	7
39	Effects of benzyladenine and abscisic acid on the disassembly process of photosystems in an Arabidopsis delayed-senescence mutant, ore9. Journal of Plant Biology, 2005, 48, 170-177.	2.1	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.	4.1	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.	2.1	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.	5.4	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.	1.9	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.	0.6	2
46	Non-TZF Transcriptional Activator AtC3H12 Negatively Affects Seed Germination and Seedling Development in Arabidopsis. International Journal of Molecular Sciences, 2022, 23, 1572.	4.1	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.	0.4	1
48	A 1.7 Gbps DLL-Based Clock Data Recovery for a Serial Display Interface in 0.35-µm CMOS. ETRI Journal, 2012, 34, 35-43.	2.0	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.	0.4	0