Seonghoe Jang

List of Publications by Year in Descending Order

48 papers	4,165 citations	20 h-index	50 g-index
50 ext. papers	4,888 ext. citations	5.9 avg, IF	4.94 L-index

#	Paper	IF	Citations
48	Molecular Bases of Heat Stress Responses in Vegetable Crops With Focusing on Heat Shock Factors and Heat Shock Proteins.. *Frontiers in Plant Science*, **2022**, 13, 837152	6.2	1
47	Preventing scattering of Tetranychus urticae in Rosa hybrida through dsCOPB2 expression. *Scientia Horticulturae*, **2022**, 301, 111113	4.1	0
46	Potential of Algae-Bacteria Synergistic Effects on Vegetable Production. *Frontiers in Plant Science*, **2021**, 12, 656662	6.2	9
45	Applications and Major Achievements of Genome Editing in Vegetable Crops: A Review. *Frontiers in Plant Science*, **2021**, 12, 688980	6.2	4
44	Modulation of Rice Leaf Angle and Grain Size by Expressing and under the Control of Promoter. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
43	Exogenously applied glutamic acid confers improved yield through increased photosynthesis efficiency and antioxidant defense system under chilling stress condition in Solanum lycopersicum L. cv. Dotaerang Dia. *Scientia Horticulturae*, **2021**, 277, 109817	4.1	4
42	Flowering and flowering genes: from model plants to orchids. *Horticulture Environment and Biotechnology*, **2021**, 62, 135-148	2	5
41	Recent Progress in Enhancing Fungal Disease Resistance in Ornamental Plants. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
40	Expression Profiling of Heat Shock Protein Genes as Putative Early Heat-Responsive Members in Lettuce. *Horticulturae*, **2021**, 7, 312	2.5	1
39	Progress and Challenges in the Improvement of Ornamental Plants by Genome Editing. *Plants*, **2020**, 9,	4.5	14
38	Functional Divergence of the Arabidopsis Florigen-Interacting bZIP Transcription Factors FD and FDP. *Cell Reports*, **2020**, 31, 107717	10.6	18
37	Volatile Organic Compounds from Orchids: From Synthesis and Function to Gene Regulation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	20
36	The sugar transporter SWEET10 acts downstream of FLOWERING LOCUS T during floral transition of Arabidopsis thaliana. *BMC Plant Biology*, **2020**, 20, 53	5.3	26
35	Negatively Regulates Internode Elongation and Plant Height by Modulating GA Homeostasis in Rice. *Plants*, **2020**, 9,	4.5	6
34	High daytime temperature induces male sterility with developmental defects in male reproductive organs of Arabidopsis. *Plant Biotechnology Reports*, **2019**, 13, 635-643	2.5	1
33	Floral Induction and Flower Development of Orchids. *Frontiers in Plant Science*, **2019**, 10, 1258	6.2	15
32	Mutation of Plastid Ribosomal Protein L13 Results in an Albino Seedling-Lethal Phenotype in Rice. *Plant Breeding and Biotechnology*, **2019**, 7, 395-404	1.2	2

31	Alpha Glucosidase Inhibitory Activities of Plants with Focus on Common Vegetables. *Plants*, **2019**, 9,	4.5	35
30	Impaired Plastid Ribosomal Protein L3 Causes Albino Seedling Lethal Phenotype in Rice **2019**, 62, 419-428		2
29	Overexpression of and in results in reduction of plant size. *Plant Biotechnology*, **2018**, 35, 273-279	1.3	6
28	PSEUDO RESPONSE REGULATORs stabilize CONSTANS protein to promote flowering in response to day length. *EMBO Journal*, **2017**, 36, 904-918	13	58
27	Current progress in orchid flowering/flower development research. *Plant Signaling and Behavior*, **2017**, 12, e1322245	2.5	11
26	Ectopic expression of Arabidopsis FD and FD PARALOGUE in rice results in dwarfism with size reduction of spikelets. *Scientific Reports*, **2017**, 7, 44477	4.9	14
25	A novel trimeric complex in plant cells that contributes to the lamina inclination of rice. *Plant Signaling and Behavior*, **2017**, 12, e1274482	2.5	4
24	BRASSINOSTEROID UPREGULATED1 LIKE1 Induces the Expression of a Gene Encoding a Small Leucine-Rich-Repeat Protein to Positively Regulate Lamina Inclination and Grain Size in Rice. *Frontiers in Plant Science*, **2017**, 8, 1253	6.2	12
23	Rice Leaf Angle and Grain Size Are Affected by the OsBUL1 Transcriptional Activator Complex. *Plant Physiology*, **2017**, 173, 688-702	6.6	58
22	Rice Lamina Joint Inclination Assay. *Bio-protocol*, **2017**, 7, e2409	0.9	6
21	Floral Induction in Arabidopsis by FLOWERING LOCUS T Requires Direct Repression of BLADE-ON-PETIOLE Genes by the Homeodomain Protein PENNYWISE. *Plant Physiology*, **2015**, 169, 2187-99	6.6	32
20	Functional Characterization of PhapLEAFY, a FLORICAULA/LEAFY Ortholog in Phalaenopsis aphrodite. *Plant and Cell Physiology*, **2015**, 56, 2234-47	4.9	13
19	Phosphorylation of CONSTANS and its COP1-dependent degradation during photoperiodic flowering of Arabidopsis. *Plant Journal*, **2015**, 84, 451-63	6.9	36
18	The dynamics of FLOWERING LOCUS T expression encodes long-day information. *Plant Journal*, **2015**, 83, 952-61	6.9	25
17	Functional Characterization of Phalaenopsis aphrodite Flowering Genes PaFT1 and PaFD. *PLoS ONE* , **2015**, 10, e0134987	3.7	31
16	Selection of Phalaenopsis amabilis L. Blume Orchid Resistance to Hygromycin. *Indonesian Journal of Biotechnology*, **2015**, 17, 107	1.3	4
15	Rice phot1a mutation reduces plant growth by affecting photosynthetic responses to light during early seedling growth. *Plant Molecular Biology*, **2009**, 69, 605-19	4.6	20
14	Genetic and spatial interactions between FT, TSF and SVP during the early stages of floral induction in Arabidopsis. *Plant Journal*, **2009**, 60, 614-25	6.9	170

13	Arabidopsis COP1 shapes the temporal pattern of CO accumulation conferring a photoperiodic flowering response. *EMBO Journal*, **2008**, 27, 1277-88	13	362
12	FT protein movement contributes to long-distance signaling in floral induction of Arabidopsis. *Science*, **2007**, 316, 1030-3	33.3	1486
11	Rice SCAMP1 defines clathrin-coated, trans-golgi-located tubular-vesicular structures as an early endosome in tobacco BY-2 cells. *Plant Cell*, **2007**, 19, 296-319	11.6	226
10	Arabidopsis SPA proteins regulate photoperiodic flowering and interact with the floral inducer CONSTANS to regulate its stability. *Development (Cambridge)*, **2006**, 133, 3213-22	6.6	231
9	Ectopic expression of OsYAB1 causes extra stamens and carpels in rice. *Plant Molecular Biology*, **2004**, 56, 133-43	4.6	46
8	The OsFOR1 gene encodes a polygalacturonase-inhibiting protein (PGIP) that regulates floral organ number in rice. *Plant Molecular Biology*, **2003**, 53, 357-69	4.6	63
7	Systematic reverse genetic screening of T-DNA tagged genes in rice for functional genomic analyses: MADS-box genes as a test case. *Plant and Cell Physiology*, **2003**, 44, 1403-11	4.9	89
6	Characterization of tobacco MADS-box genes involved in floral initiation. *Plant and Cell Physiology*, **2002**, 43, 230-8	4.9	42
5	Molecular cloning and characterization of a rice PP2C,OsPP2C4 **2001**, 44, 1-6		3
4	T-DNA insertional mutagenesis for functional genomics in rice. *Plant Journal*, **2000**, 22, 561-70	6.9	574
3	leafy hull sterile1 is a homeotic mutation in a rice MADS box gene affecting rice flower development. *Plant Cell*, **2000**, 12, 871-84	11.6	255
2	Analysis of the C-terminal region of Arabidopsis thaliana APETALA1 as a transcription activation domain. *Plant Molecular Biology*, **1999**, 40, 419-29	4.6	110
1	NsMADS1, a member of the MADS gene family fromNicotiana sylvestris **1999**, 42, 85-87		6