Jeong Mee Park

List of Publications by Citations

59 papers	2,656 citations	23 h-index	51 g-index
63 ext. papers	3,114 ext. citations	5.6 avg, IF	4.59 L-index

#	Paper	IF	Citations
59	Genome sequence of the hot pepper provides insights into the evolution of pungency in Capsicum species. *Nature Genetics*, **2014**, 46, 270-8	36.3	594
58	Overexpression of the tobacco Tsi1 gene encoding an EREBP/AP2-type transcription factor enhances resistance against pathogen attack and osmotic stress in tobacco. *Plant Cell*, **2001**, 13, 1035-46	11.6	427
57	Pathogenesis-related protein 10 isolated from hot pepper functions as a ribonuclease in an antiviral pathway. *Plant Journal*, **2004**, 37, 186-98	6.9	260
56	A method of high frequency virus-induced gene silencing in chili pepper (Capsicum annuum L. cv. Bukang). *Molecules and Cells*, **2004**, 17, 377-80	3.5	115
55	Capsicum annuum WRKY protein CaWRKY1 is a negative regulator of pathogen defense. *New Phytologist*, **2008**, 177, 977-989	9.8	93
54	Induction of pepper cDNA encoding a lipid transfer protein during the resistance response to tobacco mosaic virus. *Plant Molecular Biology*, **2002**, 48, 243-54	4.6	76
53	Ectopic expression of Tsi1 in transgenic hot pepper plants enhances host resistance to viral, bacterial, and oomycete pathogens. *Molecular Plant-Microbe Interactions*, **2002**, 15, 983-9	3.6	75
52	CaMsrB2, pepper methionine sulfoxide reductase B2, is a novel defense regulator against oxidative stress and pathogen attack. *Plant Physiology*, **2010**, 154, 245-61	6.6	71
51	A dynamin-like protein, ADL1, is present in membranes as a high-molecular-mass complex in Arabidopsis thaliana. *Plant Physiology*, **1997**, 115, 763-71	6.6	66
50	Classification of rice (Oryza sativa L. Japonica nipponbare) immunophilins (FKBPs, CYPs) and expression patterns under water stress. *BMC Plant Biology*, **2010**, 10, 253	5.3	63
49	A dynamin-like protein in Arabidopsis thaliana is involved in biogenesis of thylakoid membranes. *EMBO Journal*, **1998**, 17, 859-67	13	59
48	Molecular and biochemical characterization of the Capsicum annuum calcium-dependent protein kinase 3 (CaCDPK3) gene induced by abiotic and biotic stresses. *Planta*, **2004**, 220, 286-95	4.7	52
47	Tobacco Tsip1, a DnaJ-type Zn finger protein, is recruited to and potentiates Tsi1-mediated transcriptional activation. *Plant Cell*, **2006**, 18, 2005-20	11.6	50
46	Overexpression of the Tobacco Tsi1 Gene Encoding an EREBP/AP2-Type Transcription Factor Enhances Resistance against Pathogen Attack and Osmotic Stress in Tobacco. *Plant Cell*, **2001**, 13, 1035	11.6	50
45	Suppression of CaCYP1, a novel cytochrome P450 gene, compromises the basal pathogen defense response of pepper plants. *Biochemical and Biophysical Research Communications*, **2006**, 345, 638-45	3.4	40
44	A plant EPF-type zinc-finger protein, CaPIF1, involved in defence against pathogens. *Molecular Plant Pathology*, **2005**, 6, 269-85	5.7	40
43	Biocontrol activity of Paenibacillus polymyxa AC-1 against Pseudomonas syringae and its interaction with Arabidopsis thaliana. *Microbiological Research*, **2016**, 185, 13-21	5.3	35

42	Endoplasmic Reticulum Plays a Critical Role in Integrating Signals Generated by Both Biotic and Abiotic Stress in Plants. *Frontiers in Plant Science*, **2019**, 10, 399	6.2	34
41	Cross-Talk in Viral Defense Signaling in Plants. *Frontiers in Microbiology*, **2016**, 7, 2068	5.7	32
40	STF1 is a novel TGACG-binding factor with a zinc-finger motif and a bZIP domain which heterodimerizes with GBF proteins. *Plant Journal*, **1998**, 15, 199-209	6.9	31
39	Insight into Types I and II nonhost resistance using expression patterns of defense-related genes in tobacco. *Planta*, **2006**, 223, 1101-7	4.7	31
38	Molecular characterization of a pepper C2 domain-containing SRC2 protein implicated in resistance against host and non-host pathogens and abiotic stresses. *Planta*, **2008**, 227, 1169-79	4.7	28
37	Isolation of novel leaf-inhabiting endophytic bacteria in Arabidopsis thaliana and their antagonistic effects on phytophathogens. *Plant Biotechnology Reports*, **2015**, 9, 451-458	2.5	23
36	Potential of Pantoea dispersa as an effective biocontrol agent for black rot in sweet potato. *Scientific Reports*, **2019**, 9, 16354	4.9	23
35	DEWAX Transcription Factor Is Involved in Resistance to in and. *Frontiers in Plant Science*, **2017**, 8, 1210	6.2	22
34	The Hypersensitive Response. A Cell Death during Disease Resistance. *Plant Pathology Journal*, **2005**, 21, 99-101	2.5	21
33	Endophytic bacteria as biocontrol agents against plant pathogens: current state-of-the-art. *Plant Biotechnology Reports*, **2016**, 10, 353-357	2.5	21
32	A novel WD40 protein, BnSWD1, is involved in salt stress in Brassica napus. *Plant Biotechnology Reports*, **2010**, 4, 165-172	2.5	20
31	Expression and Promoter Analyses of Pepper CaCDPK4 (Capsicum annuum calcium dependent protein kinase 4) during Plant Defense Response to Incompatible Pathogen. *Plant Pathology Journal*, **2007**, 23, 76-89	2.5	20
30	The chili pepper CaATL1: an AT-hook motif-containing transcription factor implicated in defence responses against pathogens. *Molecular Plant Pathology*, **2007**, 8, 761-71	5.7	18
29	PIN-mediated polar auxin transport facilitates root-obstacle avoidance. *New Phytologist*, **2020**, 225, 1285-1296	9.8	18
28	Induction of enhanced tolerance to cold stress and disease by overexpression of the pepper CaPIF1 gene in tomato. *Physiologia Plantarum*, **2007**, 129, 555-566	4.6	17
27	Identification of a CaRAV1 possessing an AP2/ERF and B3 DNA-binding domain from pepper leaves infected with Xanthomonas axonopodis pv. glycines 8ra by differential display. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **2005**, 1729, 141-6		13
26	A Leaf-Inhabiting Endophytic Bacterium, Rhodococcus sp. KB6, Enhances Sweet Potato Resistance to Black Rot Disease Caused by Ceratocystis fimbriata. *Journal of Microbiology and Biotechnology*, **2016**, 26, 488-92	3.3	12
25	Genome Sequence of the Endophytic Bacterium Bacillus thuringiensis Strain KB1, a Potential Biocontrol Agent against Phytopathogens. *Genome Announcements*, **2016**, 4,		10

24	Proteasome subunit RPT2a promotes PTGS through repressing RNA quality control in Arabidopsis. *Nature Plants*, **2019**, 5, 1273-1282	11.5	9
23	Comparative proteomic analysis of host responses to Plasmodiophora brassicae infection in susceptible and resistant Brassica oleracea. *Plant Biotechnology Reports*, **2020**, 14, 263-274	2.5	8
22	A human pathogenic bacterium Shigella proliferates in plants through adoption of type III effectors for shigellosis. *Plant, Cell and Environment*, **2019**, 42, 2962-2978	8.4	8
21	Identification of novel pepper genes involved in Bax- or INF1-mediated cell death responses by high-throughput virus-induced gene silencing. *International Journal of Molecular Sciences*, **2013**, 14, 22782-95	6.3	8
20	BnNHL18A shows a localization change by stress-inducing chemical treatments. *Biochemical and Biophysical Research Communications*, **2006**, 339, 399-406	3.4	8
19	A novel gibberellin 2-oxidase gene CaGA2ox1 in pepper is specifically induced by incompatible plant pathogens. *Plant Biotechnology Reports*, **2012**, 6, 381-390	2.5	7
18	Endoplasmic reticulum stress responses function in the HRT-mediated hypersensitive response in Nicotiana benthamiana. *Molecular Plant Pathology*, **2016**, 17, 1382-1397	5.7	7
17	Genomic detection and molecular characterization of two distinct isolates of cycas necrotic stunt virus from Paeonia suffruticosa and Daphne odora. *Virus Genes*, **2019**, 55, 734-737	2.3	6
16	De Novo Transcriptome Analysis of Cucumis melo L. var. makuwa. *Molecules and Cells*, **2016**, 39, 141-8	3.5	6
15	Silencing of an □dioxygenase gene, Ca-DOX, retards growth and suppresses basal disease resistance responses in Capsicum annum. *Plant Molecular Biology*, **2017**, 93, 497-509	4.6	4
14	The dark side of organic vegetables: interactions of human enteropathogenic bacteria with plants. *Plant Biotechnology Reports*, **2019**, 13, 105-110	2.5	3
13	Draft Genome Sequence of the Endophytic Bacterium KB5, Which Has Antagonistic Activity against a Phytopathogen, pv. tomato DC3000. *Genome Announcements*, **2017**, 5,		3
12	Diversity and antifungal activity of endophytic bacteria associated with Panax ginseng seedlings. *Plant Biotechnology Reports*, **2018**, 12, 409-418	2.5	3
11	Complete genome sequence of a tentative new member of the genus Badnavirus identified in Codonopsis lanceolata. *Archives of Virology*, **2019**, 164, 1733-1737	2.6	2
10	Expression of recombinant proteins in plants by using baculovirus vectors. *Horticulture Environment and Biotechnology*, **2011**, 52, 95-104	2	2
9	Suppression of pepper SGT1 and SKP1 causes severe retardation of plant growth and compromises basal resistance. *Physiologia Plantarum*, **2006**, 126, 060217072449001-???	4.6	2
8	Complete genome sequence and genome organization of achyranthes virus A, a novel member of the genus Potyvirus. *Archives of Virology*, **2020**, 165, 2695-2698	2.6	2
7	Complete genome sequence of platycodon closterovirus 1, a novel putative member of the genus Closterovirus. *Archives of Virology*, **2021**, 166, 2051-2054	2.6	2

6	The complete sequence and genome organization of ligustrum virus A, a novel carlavirus. *Archives of Virology*, **2016**, 161, 3593-3596	2.6	2
5	Construction of SARS-CoV-2 virus-like particles in plant.. *Scientific Reports*, **2022**, 12, 1005	4.9	1
4	HRT-mediated Turnip crinkle virus Resistance in Arabidopsis. *Plant Pathology Journal*, **2003**, 19, 19-23	2.5	1
3	Draft Genome Sequence of the Endophytic Strain Rhodococcus kyotonensis KB10, a Potential Biodegrading and Antibacterial Bacterium Isolated from Arabidopsis thaliana. *Genome Announcements*, **2016**, 4,		1
2	Temporally distinct regulatory pathways coordinate thermo-responsive storage organ formation in potato.. *Cell Reports*, **2022**, 38, 110579	10.6	0
1	Complete genome sequence and genome organization of scorzonera virus A (SCoVA), a novel member of the genus Potyvirus. *Archives of Virology*, **2021**, 166, 2901-2904	2.6	