Jeong Mee Park

List of Publications by Year
in descending order

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61 papers	3,498 citations	230014 27 h-index	162838 57 g-index
63 all docs	63 docs citations	63 times ranked	4648 citing authors

#	Article	IF	Citations
1	Genome sequence of the hot pepper provides insights into the evolution of pungency in Capsicum species. Nature Genetics, 2014, 46, 270-278.	9.4	867
2	Overexpression of the Tobacco Tsi1 Gene Encoding an EREBP/AP2â€"Type Transcription Factor Enhances Resistance against Pathogen Attack and Osmotic Stress in Tobacco. Plant Cell, 2001, 13, 1035-1046.	3.1	478
3	Pathogenesisâ€related protein 10 isolated from hot pepper functions as a ribonuclease in an antiviral pathway. Plant Journal, 2004, 37, 186-198.	2.8	304
4	A method of high frequency virus-induced gene silencing in chili pepper (Capsicum annuum L. cv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	119
5	Capsicum annuumWRKY protein CaWRKY1 is a negative regulator of pathogen defense. New Phytologist, 2008, 177, 977-989.	3.5	114
6	Induction of pepper cDNA encoding a lipid transfer protein during the resistance response to tobacco mosaic virus. Plant Molecular Biology, 2002, 48, 243-254.	2.0	98
7	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.	3.1	94
8	CaMsrB2, Pepper Methionine Sulfoxide Reductase B2, Is a Novel Defense Regulator against Oxidative Stress and Pathogen Attack. Plant Physiology, 2010, 154, 245-261.	2.3	86
9	Ectopic Expression of Tsi1 in Transgenic Hot Pepper Plants Enhances Host Resistance to Viral, Bacterial, and Oomycete Pathogens. Molecular Plant-Microbe Interactions, 2002, 15, 983-989.	1.4	85
10	Classification of rice (Oryza satival. japonica nipponbare) immunophilins (FKBPs, CYPs) and expression patterns under water stress. BMC Plant Biology, 2010, 10, 253.	1.6	78
11	A Dynamin-Like Protein, ADL1, Is Present in Membranes as a High-Molecular-Mass Complex in Arabidopsis thaliana. Plant Physiology, 1997, 115, 763-771.	2.3	68
12	A dynamin-like protein in Arabidopsis thaliana is involved in biogenesis of thylakoid membranes. EMBO Journal, 1998, 17, 859-867.	3.5	65
13	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.	1.7	62
14	Molecular and biochemical characterization of the Capsicum annuum calcium-dependent protein kinaseï¿½3 (CaCDPK3) gene induced by abiotic and biotic stresses. Planta, 2004, 220, 286-295.	1.6	61
15	Potential of Pantoea dispersa as an effective biocontrol agent for black rot in sweet potato. Scientific Reports, 2019, 9, 16354.	1.6	57
16	Tobacco Tsip1, a DnaJ-Type Zn Finger Protein, Is Recruited to and Potentiates Tsi1-Mediated Transcriptional Activation. Plant Cell, 2006, 18, 2005-2020.	3.1	56
17	Cross-Talk in Viral Defense Signaling in Plants. Frontiers in Microbiology, 2016, 07, 2068.	1.5	51
18	Biocontrol activity of Paenibacillus polymyxa AC-1 against Pseudomonas syringae and its interaction with Arabidopsis thaliana. Microbiological Research, 2016, 185, 13-21.	2.5	51

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19	Suppression of CaCYP1, a novel cytochrome P450 gene, compromises the basal pathogen defense response of pepper plants. Biochemical and Biophysical Research Communications, 2006, 345, 638-645.	1.0	49
20	A plant EPF-type zinc-finger protein,CaPIF1, involved in defence against pathogens. Molecular Plant Pathology, 2005, 6, 269-285.	2.0	44
21	Endophytic bacteria as biocontrol agents against plant pathogens: current state-of-the-art. Plant Biotechnology Reports, 2016, 10, 353-357.	0.9	42
22	<scp>PIN</scp>â€mediated polar auxin transport facilitates rootâ˜obstacle avoidance. New Phytologist, 2020, 225, 1285-1296.	3.5	39
23	DEWAX Transcription Factor Is Involved in Resistance to Botrytis cinerea in Arabidopsis thaliana and Camelina sativa. Frontiers in Plant Science, 2017, 8, 1210.	1.7	37
24	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.	2.8	35
25	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, 1169-1179.	1.6	35
26	Insight into Types I and II nonhost resistance using expression patterns of defense-related genes in tobacco. Planta, 2006, 223, 1101-1107.	1.6	33
27	Isolation of novel leaf-inhabiting endophytic bacteria in Arabidopsis thaliana and their antagonistic effects on phytophathogens. Plant Biotechnology Reports, 2015, 9, 451-458.	0.9	30
28	The Hypersensitive Response. A Cell Death during Disease Resistance. Plant Pathology Journal, 2005, 21, 99-101.	0.7	26
29	Construction of SARS-CoV-2 virus-like particles in plant. Scientific Reports, 2022, 12, 1005.	1.6	26
30	A novel WD40 protein, BnSWD1, is involved in salt stress in Brassica napus. Plant Biotechnology Reports, 2010, 4, 165-172.	0.9	23
31	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, 488-492.	0.9	23
32	The chili pepper CaATL1: an ATâ€hook motifâ€containing transcription factor implicated in defence responses against pathogens. Molecular Plant Pathology, 2007, 8, 761-771.	2.0	21
33	Expression and Promoter Analyses of Pepper CaCDPK4 (Capsicum annuum calcium dependent protein) Tj ETQq1 1 0.784314 rgBT /Ov 76-89.	0.7	21
34	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, 141-146.	2.4	19
35	Induction of enhanced tolerance to cold stress and disease by overexpression of the pepper CaPIF1 gene in tomato. Physiologia Plantarum, 2007, 129, 555-566.	2.6	19
36	A human pathogenic bacterium Shigella proliferates in plants through adoption of type III effectors for shigellosis. Plant, Cell and Environment, 2019, 42, 2962-2978.	2.8	18

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37	Genome Sequence of the Endophytic Bacterium Bacillus thuringiensis Strain KB1, a Potential Biocontrol Agent against Phytopathogens. Genome Announcements, 2016, 4, .	0.8	17
38	Endoplasmic reticulum stress responses function in the HRTâ€mediated hypersensitive response in Nicotiana benthamiana. Molecular Plant Pathology, 2016, 17, 1382-1397.	2.0	12
39	Proteasome subunit RPT2a promotes PTGS through repressing RNA quality control in Arabidopsis. Nature Plants, 2019, 5, 1273-1282.	4.7	11
40	Comparative proteomic analysis of host responses to Plasmodiophora brassicae infection in susceptible and resistant Brassica oleracea. Plant Biotechnology Reports, 2020, 14, 263-274.	0.9	11
41	Diversity and antifungal activity of endophytic bacteria associated with Panax ginseng seedlings. Plant Biotechnology Reports, 2018, 12, 409-418.	0.9	10
42	Temporally distinct regulatory pathways coordinate thermo-responsive storage organ formation in potato. Cell Reports, 2022, 38, 110579.	2.9	10
43	The Arabidopsis cyclophilin CYP18-1 facilitates PRP18 dephosphorylation and the splicing of introns retained under heat stress. Plant Cell, 2022, 34, 2383-2403.	3.1	10
44	BnNHL18A shows a localization change by stress-inducing chemical treatments. Biochemical and Biophysical Research Communications, 2006, 339, 399-406.	1.0	9
45	A novel gibberellin 2-oxidase gene CaGA2ox1 in pepper is specifically induced by incompatible plant pathogens. Plant Biotechnology Reports, 2012, 6, 381-390.	0.9	9
46	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, 22782-22795.	1.8	9
47	Draft Genome Sequence of the Endophytic Bacterium Variovorax paradoxus KB5, Which Has Antagonistic Activity against a Phytopathogen, Pseudomonas syringae pv. tomato DC3000. Genome Announcements, 2017, 5, .	0.8	7
48	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.	0.7	7
49	The dark side of organic vegetables: interactions of human enteropathogenic bacteria with plants. Plant Biotechnology Reports, 2019, 13, 105-110.	0.9	7
50	De Novo Transcriptome Analysis of Cucumis melo L. var. makuwa. Molecules and Cells, 2016, 39, 141-148.	1.0	7
51	Silencing of an Î±-dioxygenase gene, Ca-DOX, retards growth and suppresses basal disease resistance responses in Capsicum annum. Plant Molecular Biology, 2017, 93, 497-509.	2.0	5
52	Suppression of pepper SGT1 and SKP1 causes severe retardation of plant growth and compromises basal resistance. Physiologia Plantarum, 2006, 126, 060217072449001-???.	2.6	3
53	Expression of recombinant proteins in plants by using baculovirus vectors. Horticulture Environment and Biotechnology, 2011, 52, 95-104.	0.7	3
54	The complete sequence and genome organization of ligustrum virus A, a novel carlavirus. Archives of Virology, 2016, 161, 3593-3596.	0.9	3

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55	Complete genome sequence of a tentative new member of the genus Badnavirus identified in Codonopsis lanceolata. Archives of Virology, 2019, 164, 1733-1737.	0.9	3
56	Complete genome sequence and genome organization of achyranthes virus A, a novel member of the genus Potyvirus. Archives of Virology, 2020, 165, 2695-2698.	0.9	3
57	Complete genome sequence of platycodon closterovirus 1, a novel putative member of the genus Closterovirus. Archives of Virology, 2021, 166, 2051-2054.	0.9	3
58	Draft Genome Sequence of the Endophytic Strain Rhodococcus kyotonensis KB10, a Potential Biodegrading and Antibacterial Bacterium Isolated from Arabidopsis thaliana. Genome Announcements, 2016, 4, .	0.8	1
59	Detection of Rhodococcus fascians, the Causative Agent of Lily Fasciation in South Korea. Pathogens, 2021, 10, 241.	1.2	1
60	HRT-mediated Turnip crinkle virus Resistance in Arabidopsis. Plant Pathology Journal, 2003, 19, 19-23.	0.7	1
61	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.	0.9	0