

# Ho Won Jung

## List of Publications by Year in descending order

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42  
papers

2,802  
citations

218381  
26  
h-index

264894  
42  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3640  
citing authors

#	ARTICLE	IF	CITATIONS
1	Priming in Systemic Plant Immunity. <i>Science</i> , 2009, 324, 89-91.	6.0	749
2	Expression and functional roles of the pepper pathogen-induced transcription factor RAV1 in bacterial disease resistance, and drought and salt stress tolerance. <i>Plant Molecular Biology</i> , 2006, 61, 897-915.	2.0	209
3	Three pathogen-inducible genes encoding lipid transfer protein from pepper are differentially activated by pathogens, abiotic, and environmental stresses*. <i>Plant, Cell and Environment</i> , 2003, 26, 915-928.	2.8	164
4	Identification of pathogen-responsive regions in the promoter of a pepper lipid transfer protein gene (CALTP1) and the enhanced resistance of the CALTP1 transgenic <i>Arabidopsis</i> against pathogen and environmental stresses. <i>Planta</i> , 2005, 221, 361-373.	1.6	111
5	Differential expression and in situ localization of a pepper defensin (CADEF1) gene in response to pathogen infection, abiotic elicitors and environmental stresses in <i>Capsicum annum</i> . <i>Plant Science</i> , 2004, 166, 1297-1305.	1.7	108
6	Expression of Peroxidase-like Genes, H <sub>2</sub> O <sub>2</sub> Production, and Peroxidase Activity During the Hypersensitive Response to <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> in <i>Capsicum annum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2003, 16, 196-205.	1.4	103
7	Isolation, Partial Sequencing, and Expression of Pathogenesis-Related cDNA Genes from Pepper Leaves Infected by <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Molecular Plant-Microbe Interactions</i> , 2000, 13, 136-142.	1.4	102
8	Signaling Pathways That Regulate the Enhanced Disease Resistance of <i>Arabidopsis</i> Defense, No Death Mutants. <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 1285-1296.	1.4	92
9	Genetic Modification of the Soybean to Enhance the $\beta$ -Carotene Content through Seed-Specific Expression. <i>PLoS ONE</i> , 2012, 7, e48287.	1.1	84
10	The V-PLC3 gene encodes a putative plasma membrane-localized phosphoinositide-specific phospholipase C whose expression is induced by abiotic stress in mung bean ( <i>Vigna radiata</i> L.)1. <i>FEBS Letters</i> , 2004, 556, 127-136.	1.3	75
11	A Key Role for the <i>Arabidopsis</i> WIN3 Protein in Disease Resistance Triggered by <i>Pseudomonas syringae</i> That Secrete AvrRpt2. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1192-1200.	1.4	75
12	The leucine-rich repeat (LRR) protein, CaLRR1, interacts with the hypersensitive induced reaction (HIR) protein, CaHIR1, and suppresses cell death induced by the CaHIR1 protein. <i>Molecular Plant Pathology</i> , 2007, 8, 503-514.	2.0	65
13	Distinct roles of the pepper hypersensitive induced reaction protein gene CaHIR1 in disease and osmotic stress, as determined by comparative transcriptome and proteome analyses. <i>Planta</i> , 2007, 227, 409-425.	1.6	60
14	CAZFP1, Cys2/His2-type zinc-finger transcription factor gene functions as a pathogen-induced early-defense gene in <i>Capsicum annum</i> . <i>Plant Molecular Biology</i> , 2004, 55, 883-904.	2.0	58
15	Identification and characterization of <i>Chryseobacterium wanjuae</i> strain KJ9C8 as a biocontrol agent of <i>Phytophthora</i> blight of pepper. <i>Crop Protection</i> , 2012, 32, 129-137.	1.0	57
16	ALD1 Regulates Basal Immune Components and Early Inducible Defense Responses in <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 455-466.	1.4	56
17	Pepper gene encoding a basic class II chitinase is inducible by pathogen and ethephon. <i>Plant Science</i> , 2000, 159, 39-49.	1.7	43
18	Pepper gene encoding a basic $\beta$ -1,3-glucanase is differentially expressed in pepper tissues upon pathogen infection and ethephon or methyl jasmonate treatment. <i>Plant Science</i> , 2000, 159, 97-106.	1.7	42

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19	RNAi-mediated Soybean mosaic virus (SMV) resistance of a Korean Soybean cultivar. <i>Plant Biotechnology Reports</i> , 2016, 10, 257-267.	0.9	42
20	Pathogen-Associated Molecular Pattern-Triggered Immunity Involves Proteolytic Degradation of Core Nonsense-Mediated mRNA Decay Factors During the Early Defense Response. <i>Plant Cell</i> , 2020, 32, 1081-1101.	3.1	39
21	An osmotin-like protein gene, CAOSM1, from pepper: differential expression and in situ localization of its mRNA during pathogen infection and abiotic stress. <i>Physiological and Molecular Plant Pathology</i> , 2004, 64, 301-310.	1.3	37
22	Underground Azelaic Acid Conferred Resistance to <i>Pseudomonas syringae</i> in <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 86-94.	1.4	35
23	Characterization of SMV resistance of soybean produced by genetic transformation of SMV-CP gene in RNAi. <i>Plant Biotechnology Reports</i> , 2013, 7, 425-433.	0.9	33
24	Functional and proteomic analyses reveal that wxCB is involved in virulence, motility, detergent tolerance, and biofilm formation in <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 389-394.	1.0	32
25	Molecular cloning and characterization of OsLUPS, a U-box containing E3 ligase gene that respond to phosphate starvation in rice ( <i>Oryza sativa</i> ). <i>Molecular Biology Reports</i> , 2012, 39, 5883-5888.	1.0	30
26	Increased Production of $\gamma$ -Linolenic Acid in Soybean Seeds by Overexpression of <i>Lesquerella</i> FAD3-1. <i>Frontiers in Plant Science</i> , 2019, 10, 1812.	1.7	30
27	A Rice Gene Homologous to <i>Arabidopsis</i> AGD2-LIKE DEFENSE1 Participates in Disease Resistance Response against Infection with <i>Magnaporthe oryzae</i> . <i>Plant Pathology Journal</i> , 2016, 32, 357-362.	0.7	30
28	An Acidic PATHOGENESIS-RELATED1 Gene of <i>Oryza grandiglumis</i> is Involved in Disease Resistance Response Against Bacterial Infection. <i>Plant Pathology Journal</i> , 2014, 30, 208-214.	0.7	30
29	Ectopic expression of ubiquitin-conjugating enzyme gene from wild rice, OgUBC1, confers resistance against UV-B radiation and Botrytis infection in <i>Arabidopsis thaliana</i> . <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 309-314.	1.0	27
30	Isolation and functional analysis of a pepper lipid transfer protein III (CALTPIII) gene promoter during signaling to pathogen, abiotic and environmental stresses. <i>Plant Science</i> , 2006, 170, 258-266.	1.7	25
31	In situ localization of chitinase mRNA and protein in compatible and incompatible interactions of pepper stems with <i>Phytophthora capsici</i> . <i>Physiological and Molecular Plant Pathology</i> , 2000, 57, 111-121.	1.3	20
32	Overexpression of <i>AtSZF2</i> from <i>Arabidopsis</i> Showed Enhanced Tolerance to Salt Stress in Soybean. <i>Plant Breeding and Biotechnology</i> , 2017, 5, 1-15.	0.3	20
33	<i>Xanthomonas</i> Filamentous Hemagglutinin-Like Protein Fha1 Interacts with Pepper Hypersensitive-Induced Reaction Protein CaHIR1 and Functions as a Virulence Factor in Host Plants. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 1441-1454.	1.4	18
34	Overexpression of AtYUCCA6 in soybean crop results in reduced ROS production and increased drought tolerance. <i>Plant Biotechnology Reports</i> , 2019, 13, 161-168.	0.9	18
35	ALD1 accumulation in <i>Arabidopsis</i> epidermal plastids confers local and non-autonomous disease resistance. <i>Journal of Experimental Botany</i> , 2021, 72, 2710-2726.	2.4	18
36	Two <i>Arabidopsis</i> Homologs of Human Lysine-Specific Demethylase Function in Epigenetic Regulation of Plant Defense Responses. <i>Frontiers in Plant Science</i> , 2021, 12, 688003.	1.7	18

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37	Cyclic Dipeptides from <i>Bacillus vallismortis</i> BS07 Require Key Components of Plant Immunity to Induce Disease Resistance in <i>Arabidopsis</i> against <i>Pseudomonas</i> Infection. <i>Plant Pathology Journal</i> , 2017, 33, 402-409.	0.7	17
38	A gene encoding stellacyanin is induced in <i>Capsicum annuum</i> by pathogens, methyl jasmonate, abscisic acid, wounding, drought and salt stress. <i>Physiologia Plantarum</i> , 2002, 115, 550-562.	2.6	14
39	Evaluation of Yield Components from Transgenic Soybean Overexpressing Chromatin Architecture-Controlling <i>ATPG8</i> and <i>ATPG10</i> Genes. <i>Plant Breeding and Biotechnology</i> , 2019, 7, 34-41.	0.3	7
40	The <i>Bacillus zanthoxyli</i> HS1 Strain Renders Vegetable Plants Resistant and Tolerant against Pathogen Infection and High Salinity Stress. <i>Plant Pathology Journal</i> , 2021, 37, 72-78.	0.7	6
41	ALTERED MERISTEM PROGRAM1 has conflicting effects on the tolerance to heat shock and symptom development after <i>Pseudomonas syringae</i> infection. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 296-301.	1.0	2
42	Development of Near-isogenic Transgenic Rice Lines Harboring Wild Rice ( <i>Oryza grandiglumis</i> )-Derived Fungal Resistance Gene ( <i>OgPR1</i> ). <i>Plant Breeding and Biotechnology</i> , 2013, 1, 122-130.	0.3	1