

Byung Kook Hwang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

133
papers

6,296
citations

49
h-index

73
g-index

134
ext. papers

7,196
ext. citations

4.6
avg, IF

6.09
L-index

#	Paper	IF	Citations
133	Mitogen-Activated Protein Kinase OsMEK2 and OsMPK1 Signaling Is Required for Ferroptotic Cell Death in Rice- Interactions. <i>Frontiers in Plant Science</i> , 2021 , 12, 710794	6.2	2
132	Iron- and Reactive Oxygen Species-Dependent Ferroptotic Cell Death in Rice- Interactions. <i>Plant Cell</i> , 2019 , 31, 189-209	11.6	64
131	Functional roles of the pepper leucine-rich repeat protein and its interactions with pathogenesis-related and hypersensitive-induced proteins in plant cell death and immunity. <i>Planta</i> , 2017 , 246, 351-364	4.7	10
130	Molecular functions of Xanthomonas type III effector AvrBsT and its plant interactors in cell death and defense signaling. <i>Planta</i> , 2017 , 245, 237-253	4.7	15
129	Convergent Evolution of Pathogen Effectors toward Reactive Oxygen Species Signaling Networks in Plants. <i>Frontiers in Plant Science</i> , 2017 , 8, 1687	6.2	74
128	Proteomics and functional analyses of Arabidopsis nitrilases involved in the defense response to microbial pathogens. <i>Planta</i> , 2016 , 244, 449-65	4.7	7
127	GLYCINE-RICH RNA-BINDING PROTEIN1 interacts with RECEPTOR-LIKE CYTOPLASMIC PROTEIN KINASE1 and suppresses cell death and defense responses in pepper (<i>Capsicum annuum</i>). <i>New Phytologist</i> , 2015 , 205, 786-800	9.8	10
126	The <i>Capsicum annuum</i> class IV chitinase ChitIV interacts with receptor-like cytoplasmic protein kinase PIK1 to accelerate PIK1-triggered cell death and defence responses. <i>Journal of Experimental Botany</i> , 2015 , 66, 1987-99	7	12
125	The Pepper Lipoxygenase CaLOX1 Plays a Role in Osmotic, Drought and High Salinity Stress Response. <i>Plant and Cell Physiology</i> , 2015 , 56, 930-42	4.9	80
124	Pepper heat shock protein 70a interacts with the type III effector AvrBsT and triggers plant cell death and immunity. <i>Plant Physiology</i> , 2015 , 167, 307-22	6.6	49
123	The pepper phosphoenolpyruvate carboxykinase CaPEPCK1 is involved in plant immunity against bacterial and oomycete pathogens. <i>Plant Molecular Biology</i> , 2015 , 89, 99-111	4.6	9
122	Functional roles of the pepper RING finger protein gene, CaRING1, in abscisic acid signaling and dehydration tolerance. <i>Plant Molecular Biology</i> , 2015 , 89, 143-56	4.6	15
121	Pepper pathogenesis-related protein 4c is a plasma membrane-localized cysteine protease inhibitor that is required for plant cell death and defense signaling. <i>Plant Journal</i> , 2015 , 81, 81-94	6.9	26
120	Molecular and cellular control of cell death and defense signaling in pepper. <i>Planta</i> , 2015 , 241, 1-27	4.7	21
119	Pepper aldehyde dehydrogenase CaALDH1 interacts with Xanthomonas effector AvrBsT and promotes effector-triggered cell death and defence responses. <i>Journal of Experimental Botany</i> , 2015 , 66, 3367-80	7	22
118	The pepper GNA-related lectin and PAN domain protein gene, CaGLP1, is required for plant cell death and defense signaling during bacterial infection. <i>Plant Science</i> , 2015 , 241, 307-15	5.3	10
117	Pathogenesis-related protein 4b interacts with leucine-rich repeat protein 1 to suppress PR4b-triggered cell death and defense response in pepper. <i>Plant Journal</i> , 2014 , 77, 521-33	6.9	28

116	Pepper suppressor of the G2 allele of <i>skp1</i> interacts with the receptor-like cytoplasmic kinase1 and type III effector AvrBsT and promotes the hypersensitive cell death response in a phosphorylation-dependent manner. <i>Plant Physiology</i> , 2014 , 165, 76-91	6.6	30
115	The pepper patatin-like phospholipase CaPLP1 functions in plant cell death and defense signaling. <i>Plant Molecular Biology</i> , 2014 , 84, 329-44	4.6	20
114	An important role of the pepper phenylalanine ammonia-lyase gene (PAL1) in salicylic acid-dependent signalling of the defence response to microbial pathogens. <i>Journal of Experimental Botany</i> , 2014 , 65, 2295-306	7	224
113	Pepper mildew resistance locus O interacts with pepper calmodulin and suppresses Xanthomonas AvrBsT-triggered cell death and defense responses. <i>Planta</i> , 2014 , 240, 827-39	4.7	15
112	Pepper mitochondrial FORMATE DEHYDROGENASE1 regulates cell death and defense responses against bacterial pathogens. <i>Plant Physiology</i> , 2014 , 166, 1298-311	6.6	27
111	The pepper cysteine/histidine-rich DC1 domain protein CaDC1 binds both RNA and DNA and is required for plant cell death and defense response. <i>New Phytologist</i> , 2014 , 201, 518-530	9.8	12
110	Pepper osmotin-like protein 1 (CaOSM1) is an essential component for defense response, cell death, and oxidative burst in plants. <i>Planta</i> , 2013 , 238, 1113-24	4.7	32
109	Xanthomonas 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, 1441-54	3.6	13
108	Pepper arginine decarboxylase is required for polyamine and ϵ -aminobutyric acid signaling in cell death and defense response. <i>Plant Physiology</i> , 2013 , 162, 2067-83	6.6	68
107	The pepper extracellular xyloglucan-specific endo- β ,4-glucanase inhibitor protein gene, CaXEGIP1, is required for plant cell death and defense responses. <i>Plant Physiology</i> , 2013 , 161, 384-96	6.6	21
106	The pepper RNA-binding protein CaRBP1 functions in hypersensitive cell death and defense signaling in the cytoplasm. <i>Plant Journal</i> , 2012 , 72, 235-48	6.9	13
105	Overexpression of Xanthomonas campestris pv. vesicatoria effector AvrBsT in Arabidopsis triggers plant cell death, disease and defense responses. <i>Planta</i> , 2012 , 236, 1191-204	4.7	10
104	The pepper MLO gene, CaMLO2, is involved in the susceptibility cell-death response and bacterial and oomycete proliferation. <i>Plant Journal</i> , 2012 , 72, 843-55	6.9	69
103	The pepper extracellular peroxidase CaPO2 is required for salt, drought and oxidative stress tolerance as well as resistance to fungal pathogens. <i>Planta</i> , 2012 , 235, 1369-82	4.7	58
102	Requirement of the cytosolic interaction between PATHOGENESIS-RELATED PROTEIN10 and LEUCINE-RICH REPEAT PROTEIN1 for cell death and defense signaling in pepper. <i>Plant Cell</i> , 2012 , 24, 1675-90	11.6	140
101	Systemic Acquired Resistance of Pepper to Microbial Pathogens. <i>Journal of Phytopathology</i> , 2011 , 159, no-no	1.8	1
100	The pepper receptor-like cytoplasmic protein kinase CaPIK1 is involved in plant signaling of defense and cell-death responses. <i>Plant Journal</i> , 2011 , 66, 642-55	6.9	41
99	Pepper asparagine synthetase 1 (CaAS1) is required for plant nitrogen assimilation and defense responses to microbial pathogens. <i>Plant Journal</i> , 2011 , 67, 749-62	6.9	75

98	Overexpression of the pepper antimicrobial protein CaAMP1 gene regulates the oxidative stress- and disease-related proteome in Arabidopsis. <i>Planta</i> , 2011 , 234, 1111-25	4.7	5
97	The pepper mannose-binding lectin gene CaMBL1 is required to regulate cell death and defense responses to microbial pathogens. <i>Plant Physiology</i> , 2011 , 155, 447-63	6.6	98
96	The pepper E3 ubiquitin ligase RING1 gene, CaRING1, is required for cell death and the salicylic acid-dependent defense response. <i>Plant Physiology</i> , 2011 , 156, 2011-25	6.6	88
95	Proteomics and functional analyses of pepper abscisic acid-responsive 1 (ABR1), which is involved in cell death and defense signaling. <i>Plant Cell</i> , 2011 , 23, 823-42	11.6	109
94	The hypersensitive induced reaction and leucine-rich repeat proteins regulate plant cell death associated with disease and plant immunity. <i>Molecular Plant-Microbe Interactions</i> , 2011 , 24, 68-78	3.6	63
93	The pepper 9-lipoxygenase gene CaLOX1 functions in defense and cell death responses to microbial pathogens. <i>Plant Physiology</i> , 2010 , 152, 948-67	6.6	141
92	Xanthomonas campestris pv. vesicatoria effector AvrBsT induces cell death in pepper, but suppresses defense responses in tomato. <i>Molecular Plant-Microbe Interactions</i> , 2010 , 23, 1069-82	3.6	45
91	Role of the pepper cytochrome P450 gene CaCYP450A in defense responses against microbial pathogens. <i>Planta</i> , 2010 , 232, 1409-21	4.7	20
90	The pepper oxidoreductase CaOXR1 interacts with the transcription factor CaRAV1 and is required for salt and osmotic stress tolerance. <i>Plant Molecular Biology</i> , 2010 , 73, 409-24	4.6	33
89	The promoter of the pepper pathogen-induced membrane protein gene CaPIMP1 mediates environmental stress responses in plants. <i>Planta</i> , 2009 , 229, 249-59	4.7	20
88	Functional roles of the pepper antimicrobial protein gene, CaAMP1, in abscisic acid signaling, and salt and drought tolerance in Arabidopsis. <i>Planta</i> , 2009 , 229, 383-91	4.7	33
87	Regulation and function of the pepper pectin methylesterase inhibitor (CaPMEI1) gene promoter in defense and ethylene and methyl jasmonate signaling in plants. <i>Planta</i> , 2009 , 230, 1223-37	4.7	21
86	Overexpression of lipid transfer protein (LTP) genes enhances resistance to plant pathogens and LTP functions in long-distance systemic signaling in tobacco. <i>Plant Cell Reports</i> , 2009 , 28, 419-27	5.1	87
85	The pepper calmodulin gene CaCaM1 is involved in reactive oxygen species and nitric oxide generation required for cell death and the defense response. <i>Molecular Plant-Microbe Interactions</i> , 2009 , 22, 1389-400	3.6	54
84	In situ hybridization study of organ- and pathogen-dependent expression of a novel thionin gene in pepper (<i>Capsicum annuum</i>). <i>Physiologia Plantarum</i> , 2008 , 110, 384-392	4.6	0
83	A role for a menthone reductase in resistance against microbial pathogens in plants. <i>Plant Physiology</i> , 2008 , 148, 383-401	6.6	62
82	Involvement of the pepper antimicrobial protein CaAMP1 gene in broad spectrum disease resistance. <i>Plant Physiology</i> , 2008 , 148, 1004-20	6.6	66
81	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> , 2008 , 227, 409-25	4.7	54

80	A novel pepper membrane-located receptor-like protein gene CaMRP1 is required for disease susceptibility, methyl jasmonate insensitivity and salt tolerance. <i>Plant Molecular Biology</i> , 2008 , 67, 519-33	4.6	22
79	Function of a novel GDSL-type pepper lipase gene, CaGLIP1, in disease susceptibility and abiotic stress tolerance. <i>Planta</i> , 2008 , 227, 539-58	4.7	110
78	Pepper pectin methylesterase inhibitor protein CaPMEI1 is required for antifungal activity, basal disease resistance and abiotic stress tolerance. <i>Planta</i> , 2008 , 228, 61-78	4.7	152
77	Distinct roles of the pepper pathogen-induced membrane protein gene CaPIMP1 in bacterial disease resistance and oomycete disease susceptibility. <i>Planta</i> , 2008 , 228, 485-97	4.7	12
76	In vitro antimicrobial and in vivo antioomycete activities of the novel antibiotic thiobutacin. <i>Pest Management Science</i> , 2008 , 64, 172-7	4.6	10
75	Hydrogen peroxide generation by the pepper extracellular peroxidase CaPO2 activates local and systemic cell death and defense response to bacterial pathogens. <i>Plant Physiology</i> , 2007 , 145, 890-904	6.6	218
74	Microbial Fungicides in the Control of Plant Diseases. <i>Journal of Phytopathology</i> , 2007 , 155, 641-653	1.8	69
73	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, 503-14	5.7	55
72	Role of a novel pathogen-induced pepper C3-H-C4 type RING-finger protein gene, CaRFPI, in disease susceptibility and osmotic stress tolerance. <i>Plant Molecular Biology</i> , 2007 , 63, 571-88	4.6	49
71	Functional analysis of the promoter of the pepper pathogen-induced gene, CAPIP2, during bacterial infection and abiotic stresses. <i>Plant Science</i> , 2007 , 172, 236-245	5.3	7
70	<i>Streptomyces cheonanensis</i> sp. nov., a novel streptomycete with antifungal activity. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 471-475	2.2	26
69	Isolation and antifungal and antioomycete activities of staurosporine from <i>Streptomyces roseoflavus</i> strain LS-A24. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 3041-6	5.7	25
68	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	5.3	24
67	CASAR82A, a pathogen-induced pepper SAR8.2, exhibits an antifungal activity and its overexpression enhances disease resistance and stress tolerance. <i>Plant Molecular Biology</i> , 2006 , 61, 95-109	4.6	35
66	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	4.6	165
65	Identification and functional expression of the pepper pathogen-induced gene, CAPIP2, involved in disease resistance and drought and salt stress tolerance. <i>Plant Molecular Biology</i> , 2006 , 62, 151-64	4.6	34
64	Promoter activation of pepper class II basic chitinase gene, CACHi2, and enhanced bacterial disease resistance and osmotic stress tolerance in the CACHi2-overexpressing Arabidopsis. <i>Planta</i> , 2006 , 223, 433-48	4.7	51
63	Identification and deletion analysis of the promoter of the pepper SAR8.2 gene activated by bacterial infection and abiotic stresses. <i>Planta</i> , 2006 , 224, 255-67	4.7	14

62	Functional roles of the pepper pathogen-induced bZIP transcription factor, CABZIP1, in enhanced resistance to pathogen infection and environmental stresses. <i>Planta</i> , 2006 , 224, 1209-25	4.7	112
61	Isolation and antifungal activity of 4-phenyl-3-butenoic acid from <i>Streptomyces koyangensis</i> strain VK-A60. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 7696-700	5.7	12
60	Activation of pepper basic PR-1 gene promoter during defense signaling to pathogen, abiotic and environmental stresses. <i>Gene</i> , 2005 , 356, 169-80	3.8	34
59	Induction of enhanced disease resistance and oxidative stress tolerance by overexpression of pepper basic PR-1 gene in <i>Arabidopsis</i> . <i>Physiologia Plantarum</i> , 2005 , 124, 267-277	4.6	32
58	Overexpression of a pepper basic pathogenesis-related protein 1 gene in tobacco plants enhances resistance to heavy metal and pathogen stresses. <i>Plant Cell Reports</i> , 2005 , 24, 216-24	5.1	145
57	Identification of pathogen-responsive regions in the promoter of a pepper lipid transfer protein gene (CALTPI) and the enhanced resistance of the CALTPI transgenic <i>Arabidopsis</i> against pathogen and environmental stresses. <i>Planta</i> , 2005 , 221, 361-73	4.7	91
56	Induction of some defense-related genes and oxidative burst is required for the establishment of systemic acquired resistance in <i>Capsicum annuum</i> . <i>Planta</i> , 2005 , 221, 790-800	4.7	73
55	Isolation and antifungal activity of kakuol, a propiophenone derivative from <i>Asarum sieboldii</i> rhizome. <i>Pest Management Science</i> , 2005 , 61, 821-5	4.6	26
54	<i>Streptomyces koyangensis</i> sp. nov., a novel actinomycete that produces 4-phenyl-3-butenoic acid. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 257-262	2.2	30
53	Identification of a novel pathogen-induced gene encoding a leucine-rich repeat protein expressed in phloem cells of <i>Capsicum annuum</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004 , 1676, 211-22		37
52	CAZFP1, Cys2/His2-type zinc-finger transcription factor gene functions as a pathogen-induced early-defense gene in <i>Capsicum annuum</i> . <i>Plant Molecular Biology</i> , 2004 , 55, 883-904	4.6	86
51	Thiobutacin, a novel antifungal and antioomycete antibiotic from <i>Lechevalieria aerocolonigenes</i> . <i>Journal of Natural Products</i> , 2004 , 67, 2076-8	4.9	11
50	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 annuum</i> . <i>Plant Science</i> , 2004 , 166, 1297-1305	5.3	96
49	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	2.6	34
48	CAZFP1, Cys2/His2-type zinc-finger transcription factor gene functions as a pathogen-induced early-defense gene in <i>Capsicum annuum</i> . <i>Plant Molecular Biology</i> , 2004 , 55, 883-904	4.6	49
47	Isolation and antifungal and antioomycete activities of aerugine produced by <i>Pseudomonas fluorescens</i> strain MM-B16. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 2023-31	4.8	55
46	Evaluation of Virulence to Adlays of Korean Isolates of <i>Bipolaris coicis</i> Using a Disease Rating Scale. <i>Plant Disease</i> , 2003 , 87, 726-731	1.5	3
45	Expression of peroxidase-like genes, H ₂ O ₂ production, and peroxidase activity during the hypersensitive response to <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> in <i>Capsicum annuum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2003 , 16, 196-205	3.6	92

44	Effects of Plant Age, Leaf Position, Inoculum Density, and Wetness Period on <i>Bipolaris coicis</i> Infection in Adlays of Differing Resistance. <i>Plant Disease</i> , 2003 , 87, 821-826	1.5	13
43	Identification of the pepper SAR8.2 gene as a molecular marker for pathogen infection, abiotic elicitors and environmental stresses in <i>Capsicum annum</i> . <i>Planta</i> , 2003 , 216, 387-96	4.7	68
42	Isolation and anti-oomycete activity of niasol from <i>Anemarrhena asphodeloides</i> rhizomes. <i>Phytochemistry</i> , 2003 , 64, 997-1001	4	40
41	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	8.4	144
40	Isolation and in vitro and in vivo activity against <i>Phytophthora capsici</i> and <i>Colletotrichum orbiculare</i> of phenazine-1-carboxylic acid from <i>Pseudomonas aeruginosa</i> strain GC-B26. <i>Pest Management Science</i> , 2003 , 59, 872-82	4.6	49
39	Temporal and subcellular localization of PR-1 proteins in tomato stem tissues infected by virulent and avirulent isolates of <i>Phytophthora capsici</i> . <i>Protoplasma</i> , 2002 , 219, 131-9	3.4	10
38	Induction by pathogen, salt and drought of a basic class II chitinase mRNA and its in situ localization in pepper (<i>Capsicum annum</i>). <i>Physiologia Plantarum</i> , 2002 , 114, 549-558	4.6	49
37	A gene encoding stellacyanin is induced in <i>Capsicum annum</i> by pathogens, methyl jasmonate, abscisic acid, wounding, drought and salt stress. <i>Physiologia Plantarum</i> , 2002 , 115, 550-562	4.6	14
36	Relationship of Host Genotype to <i>Bipolaris</i> Leaf Blight Severities and Yield Components of Adlay. <i>Plant Disease</i> , 2002 , 86, 774-779	1.5	4
35	Diversity of antifungal actinomycetes in various vegetative soils of Korea. <i>Canadian Journal of Microbiology</i> , 2002 , 48, 407-17	3.2	81
34	Isolation and in vivo and in vitro antifungal activity of phenylacetic acid and sodium phenylacetate from <i>Streptomyces humidus</i> . <i>Applied and Environmental Microbiology</i> , 2001 , 67, 3739-45	4.8	115
33	A pathogen-induced chitin-binding protein gene from pepper: its isolation and differential expression in pepper tissues treated with pathogens, ethephon, methyl jasmonate or wounding. <i>Plant and Cell Physiology</i> , 2001 , 42, 1321-30	4.9	33
32	Aggressiveness to Pumpkin Cultivars of Isolates of <i>Phytophthora capsici</i> from Pumpkin and Pepper. <i>Plant Disease</i> , 2001 , 85, 497-500	1.5	51
31	In vivo control and in vitro antifungal activity of rhamnolipid B, a glycolipid antibiotic, against <i>Phytophthora capsici</i> and <i>Colletotrichum orbiculare</i> . <i>Pest Management Science</i> , 2000 , 56, 1029-1035	4.6	118
30	Pepper gene encoding a basic pathogenesis-related 1 protein is pathogen and ethylene inducible. <i>Physiologia Plantarum</i> , 2000 , 108, 51-60	4.6	76
29	In situ localization of PR-1 mRNA and PR-1 protein in compatible and incompatible interactions of pepper stems with <i>Phytophthora capsici</i> . <i>Protoplasma</i> , 2000 , 211, 64-75	3.4	21
28	Screening for In Vitro Antifungal Activity of Soil Bacteria Against Plant Pathogens. <i>Mycobiology</i> , 2000 , 28, 190-192	1.7	8
27	Pepper gene encoding thionin is differentially induced by pathogens, ethylene and methyl jasmonate. <i>Physiological and Molecular Plant Pathology</i> , 2000 , 56, 207-216	2.6	32

26	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	2.6	16
25	Pepper gene encoding a basic class II chitinase is inducible by pathogen and ethephon. <i>Plant Science</i> , 2000 , 159, 39-49	5.3	37
24	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	5.3	33
23	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, 136-42	3.6	96
22	Structure elucidation and antifungal activity of an anthracycline antibiotic, daunomycin, isolated from <i>Actinomadura roseola</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 1875-81	5.7	37
21	Pepper gene encoding a basic pathogenesis-related 1 protein is pathogen and ethylene inducible. <i>Physiologia Plantarum</i> , 2000 , 108, 51-60	4.6	61
20	In situ hybridization study of organ- and pathogen-dependent expression of a novel thionin gene in pepper (<i>Capsicum annuum</i>). <i>Physiologia Plantarum</i> , 2000 , 110, 384-392	4.6	13
19	Induction of Local and Systemic Resistance to <i>Colletotrichum coccodes</i> in Pepper Plants by DL- α -Amino-n-Butyric Acid. <i>Journal of Phytopathology</i> , 1999 , 147, 193-198	1.8	36
18	Isolation, antifungal activity, and structure elucidation of the glutarimide antibiotic, streptimidone, produced by <i>Micromonospora coerulea</i> . <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 3372-80	5.7	42
17	Isolation, identification, and antifungal activity of a macrolide antibiotic, oligomycin A, produced by <i>Streptomyces libani</i> . <i>Canadian Journal of Botany</i> , 1999 , 77, 850-858		50
16	Influence of Inoculum Density, Wetness Duration, Plant Age, Inoculation Method, and Cultivar Resistance on Infection of Pepper Plants by <i>Colletotrichum coccodes</i> . <i>Plant Disease</i> , 1998 , 82, 1079-1083	1.5	52
15	Isolation of a basic 34 kiloDalton β 1,3-glucanase with inhibitory activity against <i>Phytophthora capsici</i> from pepper stems. <i>Physiological and Molecular Plant Pathology</i> , 1997 , 50, 103-115	2.6	51
14	Isolation, Structure Elucidation, and Antifungal Activity of a Manumycin-Type Antibiotic from <i>Streptomyces flaveus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 3653-3657	5.7	27
13	Induced resistance against <i>Phytophthora capsici</i> in pepper plants in response to DL- α -amino-n-butyric acid. <i>European Journal of Plant Pathology</i> , 1996 , 102, 663-670	2.1	53
12	Differential interactions of <i>Phytophthora capsici</i> isolates with pepper genotypes at various plant growth stages. <i>European Journal of Plant Pathology</i> , 1996 , 102, 311-316	2.1	24
11	Differential Induction and Accumulation of β 1,3-Glucanase and Chitinase Isoforms in the Intercellular Space and Leaf Tissues of Pepper by <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> Infection. <i>Journal of Phytopathology</i> , 1996 , 144, 79-87	1.8	34
10	In-vivo efficacy and in-vitro activity of tubercidin, an antibiotic nucleoside, for control of <i>Phytophthora capsici</i> blight in <i>Capsicum annuum</i> . <i>Pest Management Science</i> , 1995 , 44, 255-260		18
9	Restriction Fragment Length Polymorphism Analyses of the Plasmid DNAs in Strains of <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> from Different Geographic Areas. <i>Journal of Phytopathology</i> , 1995 , 143, 185-191	1.8	4

8	Phytophthora Blight of Pepper and its Control in Korea. <i>Plant Disease</i> , 1995 , 79, 221	1.5	111
7	Differential accumulation of β 1,3-glucanase and chitinase isoforms in pepper stems infected by compatible and incompatible isolates of <i>Phytophthora capsici</i> . <i>Physiological and Molecular Plant Pathology</i> , 1994 , 45, 195-209	2.6	49
6	Production, purification, and antifungal activity of the antibiotic nucleoside, tubercidin, produced by <i>Streptomyces violaceoniger</i> . <i>Canadian Journal of Botany</i> , 1994 , 72, 480-485		44
5	Restriction Fragment Length Polymorphisms of Mitochondrial and Nuclear DNAs among Korean Races of <i>Magnaporthe grisea</i> . <i>Journal of Phytopathology</i> , 1993 , 138, 41-54	1.8	4
4	Carbohydrate, Amino acid, Phenolic and Mineral Nutrient Contents of Pepper Plants in Relation to Age-Related Resistance to <i>Phytophthora capsici</i> . <i>Journal of Phytopathology</i> , 1991 , 131, 40-52	1.8	19
3	An ultrastructural study of the effect of metalaxyl on <i>Phytophthora capsici</i> infected stems of <i>Capsicum annum</i> . <i>Pest Management Science</i> , 1990 , 29, 151-162		11
2	Carbohydrate Composition and Acid Invertase Activity in Rice Leaves Infected with <i>Pyricularia oryzae</i> . <i>Journal of Phytopathology</i> , 1989 , 125, 124-132	1.8	16
1	Effect of Metalaxyl on Capsidiol Production in Stems of Pepper Plants Infected with <i>Phytophthora capsici</i> . <i>Plant Disease</i> , 1989 , 73, 748	1.5	14