

Kyung-Hee Paek

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

575
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

983
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Arabidopsis</i> ABCG34 contributes to defense against necrotrophic pathogens by mediating the secretion of camalexin. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5712-E5720.	7.1	71
2	The <i>Arabidopsis</i> NAC transcription factor NTL4 participates in a positive feedback loop that induces programmed cell death under heat stress conditions. Plant Science, 2014, 227, 76-83.	3.6	65
3	Molecular characterization of pepper germin-like protein as the novel PR-16 family of pathogenesis-related proteins isolated during the resistance response to viral and bacterial infection. Planta, 2004, 219, 797-806.	3.2	63
4	ATAF2, a NAC Transcription Factor, Binds to the Promoter and Regulates NIT2 Gene Expression Involved in Auxin Biosynthesis. Molecules and Cells, 2012, 34, 305-314.	2.6	56
5	<i>Arabidopsis</i> Pumilio protein APUM5 suppresses <i>Cucumber mosaic virus</i> infection via direct binding of viral RNAs. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 779-784.	7.1	53
6	APUM5, encoding a Pumilio RNA binding protein, negatively regulates abiotic stress responsive gene expression. BMC Plant Biology, 2014, 14, 75.	3.6	51
7	<i>Arabidopsis</i> tonoplast proteins TIP1 and TIP2 interact with the cucumber mosaic virus 1a replication protein. Journal of General Virology, 2006, 87, 3425-3431.	2.9	33
8	<i>Capsicum annuum</i> transcription factor WRKYa positively regulates defense response upon TMV infection and is a substrate of CaMK1 and CaMK2. Scientific Reports, 2015, 5, 7981.	3.3	32
9	CaLecRK-S.5, a pepper L-type lectin receptor kinase gene, confers broad-spectrum resistance by activating priming. Journal of Experimental Botany, 2016, 67, 5725-5741.	4.8	29
10	Growth retardation and differential regulation of expansin genes in chilling-stressed sweetpotato. Plant Biotechnology Reports, 2009, 3, 75-85.	1.5	24
11	A novel WD40 protein, BnSWD1, is involved in salt stress in <i>Brassica napus</i> . Plant Biotechnology Reports, 2010, 4, 165-172.	1.5	23
12	A zinc finger protein Tsip1 controls <i>Cucumber mosaic virus</i> infection by interacting with the replication complex on vacuolar membranes of the tobacco plant. New Phytologist, 2011, 191, 746-762.	7.3	23
13	CaAlaAT1 catalyzes the alanine: 2-oxoglutarate aminotransferase reaction during the resistance response against Tobacco mosaic virus in hot pepper. Planta, 2005, 221, 857-867.	3.2	22
14	A novel gibberellin 2-oxidase gene CaGA2ox1 in pepper is specifically induced by incompatible plant pathogens. Plant Biotechnology Reports, 2012, 6, 381-390.	1.5	9
15	CaLecRK-S.5, a pepper L-type lectin receptor kinase gene, accelerates <i>Phytophthora</i> elicitor-mediated defense response. Biochemical and Biophysical Research Communications, 2020, 524, 951-956.	2.1	8
16	Temperature-specific vsiRNA confers RNAi-mediated viral resistance at elevated temperature in <i>Capsicum annuum</i> . Journal of Experimental Botany, 2021, 72, 1432-1448.	4.8	7
17	<i>Capsicum annuum</i> Hsp26.5 promotes defense responses against RNA viruses via ATAF2 but is hijacked as a chaperone for tobamovirus movement protein. Journal of Experimental Botany, 2020, 71, 6142-6158.	4.8	5
18	Involvement of the Fas-associated Factor1 Ortholog, CaFAF1, in Regulating Programmed Cell Death in Plants. Journal of Plant Biology, 2009, 52, 125-134.	2.1	1