

Nak Hyun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,101
citations

471061

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#	ARTICLE	IF	CITATIONS
1	Constituting plant immune responses via calcium-permeable cation channels. <i>New Phytologist</i> , 2022, 234, 813-818.	3.5	39
2	A complex immune response to flagellin epitope variation in commensal communities. <i>Cell Host and Microbe</i> , 2021, 29, 635-649.e9.	5.1	73
3	Plant immune receptors are Ca ²⁺ -permeable nonselective cation channels. <i>Science</i> , 2021, 373, 420-425.	6.0	217
4	Pepper aldehyde dehydrogenase CaALDH1 interacts with <i>Xanthomonas</i> effector AvrBsT and promotes effector-triggered cell death and defence responses. <i>Journal of Experimental Botany</i> , 2015, 66, 3367-3380.	2.4	26
5	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, 307-315.	1.7	13
6	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.	3.5	28
7	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, 1987-1999.	2.4	23
8	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, 307-322.	2.3	61
9	The pepper phosphoenolpyruvate carboxykinase CaPEPCK1 is involved in plant immunity against bacterial and oomycete pathogens. <i>Plant Molecular Biology</i> , 2015, 89, 99-111.	2.0	18
10	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.	2.8	31
11	Pepper Mitochondrial <i>FORMATE DEHYDROGENASE1</i> Regulates Cell Death and Defense Responses against Bacterial Pathogens. <i>Plant Physiology</i> , 2014, 166, 1298-1311.	2.3	35
12	The pepper cysteine/histidine-rich DC 1 domain protein C a DC 1 binds both RNA and DNA and is required for plant cell death and defense response. <i>New Phytologist</i> , 2014, 201, 518-530.	3.5	25
13	Pathogenesis-related protein 4b interacts with leucine-rich repeat protein 1 to suppress PR4-triggered cell death and defense response in pepper. <i>Plant Journal</i> , 2014, 77, 521-533.	2.8	44
14	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.	2.3	32
15	<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
16	Pepper Arginine Decarboxylase Is Required for Polyamine and β -Aminobutyric Acid Signaling in Cell Death and Defense Response. <i>Plant Physiology</i> , 2013, 162, 2067-2083.	2.3	79
17	The Pepper Extracellular Xyloglucan-Specific Endo- β -1,4-Glucanase Inhibitor Protein Gene, <i>CaXEGIP1</i> , Is Required for Plant Cell Death and Defense Responses. <i>Plant Physiology</i> , 2012, 161, 384-396.	2.3	24
18	Overexpression of <i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> effector AvrBsT in <i>Arabidopsis</i> triggers plant cell death, disease and defense responses. <i>Planta</i> , 2012, 236, 1191-1204.	1.6	11

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19	<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> Effector AvrBsT Induces Cell Death in Pepper, but Suppresses Defense Responses in Tomato. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 1069-1082.	1.4	52
20	Function of a novel GDSL-type pepper lipase gene, CaGLIP1, in disease susceptibility and abiotic stress tolerance. <i>Planta</i> , 2008, 227, 539-558.	1.6	154
21	A Role for a Menthone Reductase in Resistance against Microbial Pathogens in Plants. <i>Plant Physiology</i> , 2008, 148, 383-401.	2.3	97