

# Ping He

## List of Publications by Year in descending order

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93  
papers

7,959  
citations

61945

43  
h-index

54882

84  
g-index

98  
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98  
docs citations

98  
times ranked

7444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutamine alleviates the renal dysfunction associated with gentamicin-induced acute kidney injury in Sprague-Dawley rats. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 323-329.	1.4	6
2	Preliminary study of genome-wide association identifies novel susceptibility genes for serum mineral elements in the Chinese Han population. <i>Biological Trace Element Research</i> , 2022, 200, 2549-2555.	1.9	7
3	Isolation of High-Molecular-Weight (HMW) DNA from <i>Fusarium oxysporum</i> for Long-Read Sequencing. <i>Methods in Molecular Biology</i> , 2022, 2391, 21-30.	0.4	1
4	Genome-wide association study of serum tumor markers in Southern Chinese Han population. <i>BMC Cancer</i> , 2022, 22, 160.	1.1	2
5	Malectin-like receptor kinases as protector deities in plant immunity. <i>Nature Plants</i> , 2022, 8, 27-37.	4.7	24
6	Phytocytokine signalling reopens stomata in plant immunity and water loss. <i>Nature</i> , 2022, 605, 332-339.	13.7	64
7	The oral secretion from Cotton Boll Weevil ( <i>Anthonomus grandis</i> ) induces defense responses in cotton ( <i>Gossypium</i> spp) and <i>Arabidopsis thaliana</i> . <i>Current Plant Biology</i> , 2022, 31, 100250.	2.3	2
8	A nonproteinaceous <i>Fusarium</i> cell wall extract triggers receptor-like protein-dependent immune responses in <i>Arabidopsis</i> and cotton. <i>New Phytologist</i> , 2021, 230, 275-289.	3.5	9
9	Plant plasma membrane-resident receptors: Surveillance for infections and coordination for growth and development. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 79-101.	4.1	50
10	MAR1 suppresses inflammatory response in LPS-induced RAW 264.7 macrophages and human primary peripheral blood mononuclear cells via the SIRT1/PGC-1 $\beta$ /PPAR- $\beta$ pathway. <i>Journal of Inflammation</i> , 2021, 18, 8.	1.5	22
11	Stress-induced activation of receptor signaling by protease-mediated cleavage. <i>Biochemical Journal</i> , 2021, 478, 1847-1852.	1.7	2
12	A "GLoRy"™ Battle for Cotton against <i>Fusarium</i> . <i>Trends in Plant Science</i> , 2021, 26, 671-673.	4.3	2
13	SIBBX20 interacts with the COP9 signalosome subunit SICSN5-2 to regulate anthocyanin biosynthesis by activating SIDFR expression in tomato. <i>Horticulture Research</i> , 2021, 8, 163.	2.9	27
14	ROS around RIPK. <i>Molecular Plant</i> , 2021, 14, 1607-1609.	3.9	5
15	Detecting drought regulators using stochastic inference in Bayesian networks. <i>PLoS ONE</i> , 2021, 16, e0255486.	1.1	5
16	Coordinated regulation of plant immunity by poly(ADP-ribosyl)ation and K63-linked ubiquitination. <i>Molecular Plant</i> , 2021, 14, 2088-2103.	3.9	14
17	Noncanonical mono(ADP-ribosyl)ation of zinc finger SZF proteins counteracts ubiquitination for protein homeostasis in plant immunity. <i>Molecular Cell</i> , 2021, 81, 4591-4604.e8.	4.5	17
18	The <i>Arabidopsis</i> MIK2 receptor elicits immunity by sensing a conserved signature from phytocytokines and microbes. <i>Nature Communications</i> , 2021, 12, 5494.	5.8	54

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19	Phytocytokines function as immunological modulators of plant immunity. <i>Stress Biology</i> , 2021, 1, 8.	1.5	37
20	More than an on-and-off switch: Post-translational modifications of plant pattern recognition receptor complexes. <i>Current Opinion in Plant Biology</i> , 2021, 63, 102051.	3.5	18
21	Ubiquitylome analysis reveals a central role for the ubiquitin-proteasome system in plant innate immunity. <i>Plant Physiology</i> , 2021, 185, 1943-1965.	2.3	30
22	A trimeric CrRLK1L-LLG1 complex genetically modulates SUMM2-mediated autoimmunity. <i>Nature Communications</i> , 2020, 11, 4859.	5.8	28
23	The Cotton Wall-Associated Kinase GhWAK7A Mediates Responses to Fungal Wilt Pathogens by Complexing with the Chitin Sensory Receptors. <i>Plant Cell</i> , 2020, 32, 3978-4001.	3.1	80
24	It takes two to tango – molecular links between plant immunity and brassinosteroid signalling. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	22
25	Influence of the CYP2J2 Gene Polymorphisms on Chronic Obstructive Pulmonary Disease Risk in the Chinese Han Population. <i>Archivos De Bronconeumologia</i> , 2020, 56, 697-703.	0.4	1
26	The effect of CYP3A4 genetic variants on the susceptibility to chronic obstructive pulmonary disease in the Hainan Han population. <i>Genomics</i> , 2020, 112, 4399-4405.	1.3	2
27	The malectin-like receptor-like kinase LETUM1 modulates NLR protein SUMM2 activation via MEKK2 scaffolding. <i>Nature Plants</i> , 2020, 6, 1106-1115.	4.7	38
28	RNA Interference-Based Screen Reveals Concerted Functions of MEKK2 and CRCK3 in Plant Cell Death Regulation. <i>Plant Physiology</i> , 2020, 183, 331-344.	2.3	9
29	Ligand-induced monoubiquitination of BIK1 regulates plant immunity. <i>Nature</i> , 2020, 581, 199-203.	13.7	99
30	The correlation between CYP4F2 variants and chronic obstructive pulmonary disease risk in Hainan Han population. <i>Respiratory Research</i> , 2020, 21, 86.	1.4	4
31	A tomato Bâ€x protein <i>Sl</i><scp>BBX</scp>20 modulates carotenoid biosynthesis by directly activating <i> <scp>PHYTOENE SYNTHASE</scp>Â1</i>, and is targeted for 26S proteasomeâ€mediated degradation. <i>New Phytologist</i> , 2019, 221, 279-294.	3.5	127
32	Orchestration of Processing Body Dynamics and mRNA Decay in Arabidopsis Immunity. <i>Cell Reports</i> , 2019, 28, 2194-2205.e6.	2.9	40
33	Cleave and Unleash: Metacaspases Prepare Peps for Work. <i>Trends in Plant Science</i> , 2019, 24, 787-790.	4.3	4
34	TERT gene polymorphisms are associated with chronic obstructive pulmonary disease risk in the Chinese Li population. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e773.	0.6	8
35	&lt;p&gt;&lt;em&gt;CYP2B6&lt;/em&gt; genetic polymorphisms influence chronic obstructive pulmonary disease susceptibility in the Hainan population&lt;/p&gt;. <i>International Journal of COPD</i> , 2019, Volume 14, 2103-2115.	0.9	9
36	The receptor-like kinase NIK1 targets FLS2/BAK1 immune complex and inversely modulates antiviral and antibacterial immunity. <i>Nature Communications</i> , 2019, 10, 4996.	5.8	59

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37	The Receptor Kinases BAK1/SERK4 Regulate Ca <sup>2+</sup> Channel-Mediated Cellular Homeostasis for Cell Death Containment. <i>Current Biology</i> , 2019, 29, 3778-3790.e8.	1.8	86
38	Return of old foes – recurrence of bacterial blight and Fusarium wilt of cotton. <i>Current Opinion in Plant Biology</i> , 2019, 50, 95-103.	3.5	28
39	Damage-Associated Molecular Pattern-Triggered Immunity in Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 646.	1.7	185
40	A phosphorylated transcription factor regulates sterol biosynthesis in <i>Fusarium graminearum</i> . <i>Nature Communications</i> , 2019, 10, 1228.	5.8	66
41	Proteolytic Processing of SERK3/BAK1 Regulates Plant Immunity, Development, and Cell Death. <i>Plant Physiology</i> , 2019, 180, 543-558.	2.3	42
42	MicroRNA-miR186 is associated with hypoxia-inducible factor-1 $\alpha$ expression in chronic obstructive pulmonary disease. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e531.	0.6	16
43	Multiple intramolecular trafficking signals in RESISTANCE TO POWDERY MILDEW 8.2 are engaged in activation of cell death and defense. <i>Plant Journal</i> , 2019, 98, 55-70.	2.8	13
44	Pipped at the Post: Pipecolic Acid Derivative Identified as SAR Regulator. <i>Cell</i> , 2018, 173, 286-287.	13.5	16
45	The Receptor-like Cytoplasmic Kinase BIK1 Localizes to the Nucleus and Regulates Defense Hormone Expression during Plant Innate Immunity. <i>Cell Host and Microbe</i> , 2018, 23, 485-497.e5.	5.1	92
46	Regulation of <i>Arabidopsis</i> brassinosteroid receptor BRI1 endocytosis and degradation by plant U-box PUB12/PUB13-mediated ubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1906-E1915.	3.3	134
47	Telomere length, <i>ZNF208</i> genetic variants and risk of chronic obstructive pulmonary disease in the Hainan Li population. <i>Journal of Gene Medicine</i> , 2018, 20, e3061.	1.4	4
48	The cloak, dagger, and shield: proteases in plant-pathogen interactions. <i>Biochemical Journal</i> , 2018, 475, 2491-2509.	1.7	49
49	Plant cell surface molecular cypher: Receptor-like proteins and their roles in immunity and development. <i>Plant Science</i> , 2018, 274, 242-251.	1.7	71
50	Atherothrombotic Risk Stratification and Ezetimibe for Secondary Prevention. <i>Journal of the American College of Cardiology</i> , 2017, 69, 911-921.	1.2	157
51	From Chaos to Harmony: Responses and Signaling upon Microbial Pattern Recognition. <i>Annual Review of Phytopathology</i> , 2017, 55, 109-137.	3.5	375
52	TAL effector driven induction of a SWEET gene confers susceptibility to bacterial blight of cotton. <i>Nature Communications</i> , 2017, 8, 15588.	5.8	144
53	Regulation of cotton ( <i>Gossypium hirsutum</i> ) drought responses by mitogen-activated protein (MAP) kinase cascade-mediated phosphorylation of GhWRKY59. <i>New Phytologist</i> , 2017, 215, 1462-1475.	3.5	91
54	Differential Regulation of Two-Tiered Plant Immunity and Sexual Reproduction by ANXUR Receptor-Like Kinases. <i>Plant Cell</i> , 2017, 29, 3140-3156.	3.1	89

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55	A Cysteine-Rich Protein Kinase Associates with a Membrane Immune Complex and the Cysteine Residues Are Required for Cell Death. <i>Plant Physiology</i> , 2017, 173, 771-787.	2.3	134
56	Protein ADP-Ribosylation Takes Control in Plant-Bacterium Interactions. <i>PLoS Pathogens</i> , 2016, 12, e1005941.	2.1	29
57	A gain-of-function mutation in <i>Msl10</i> triggers cell death and wound-induced hyperaccumulation of jasmonic acid in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2016, 58, 600-609.	4.1	28
58	SERKing Coreceptors for Receptors. <i>Trends in Plant Science</i> , 2016, 21, 1017-1033.	4.3	172
59	Atherothrombotic Risk Stratification and the Efficacy and Safety of Vorapaxar in Patients With Stable Ischemic Heart Disease and Previous Myocardial Infarction. <i>Circulation</i> , 2016, 134, 304-313.	1.6	143
60	Loss-of-function of <i>Arabidopsis</i> receptor-like kinase <i>BIR1</i> activates cell death and defense responses mediated by <i>BAK1</i> and <i>SOBIR1</i> . <i>New Phytologist</i> , 2016, 212, 637-645.	3.5	79
61	PARylation of the forkhead-associated domain protein DAWDLE regulates plant immunity. <i>EMBO Reports</i> , 2016, 17, 1799-1813.	2.0	42
62	Specific control of <i>Arabidopsis</i> BAK1/SERK4-regulated cell death by protein glycosylation. <i>Nature Plants</i> , 2016, 2, 15218.	4.7	95
63	Transcriptional Regulation of Pattern-Triggered Immunity in Plants. <i>Cell Host and Microbe</i> , 2016, 19, 641-650.	5.1	241
64	Ligand-Induced Receptor-like Kinase Complex Regulates Floral Organ Abscission in <i>Arabidopsis</i> . <i>Cell Reports</i> , 2016, 14, 1330-1338.	2.9	157
65	Procyanidin B2 inhibits high glucose-induced epithelial-mesenchymal transition in HK-2 human renal proximal tubular epithelial cells. <i>Molecular Medicine Reports</i> , 2015, 12, 8148-8154.	1.1	16
66	Stack Heterotrimeric G Proteins and MAPK Cascades on a RACK. <i>Molecular Plant</i> , 2015, 8, 1691-1693.	3.9	11
67	Protein Poly(ADP-ribosylation) Regulates <i>Arabidopsis</i> Immune Gene Expression and Defense Responses. <i>PLoS Genetics</i> , 2015, 11, e1004936.	1.5	57
68	The dominant negative ARM domain uncovers multiple functions of PUB13 in <i>Arabidopsis</i> immunity, flowering, and senescence. <i>Journal of Experimental Botany</i> , 2015, 66, 3353-3366.	2.4	76
69	Phosphorylation of Trihelix Transcriptional Repressor ASR3 by MAP KINASE4 Negatively Regulates <i>Arabidopsis</i> Immunity. <i>Plant Cell</i> , 2015, 27, 839-856.	3.1	109
70	Differential Function of <i>Arabidopsis</i> SERK Family Receptor-like Kinases in Stomatal Patterning. <i>Current Biology</i> , 2015, 25, 2361-2372.	1.8	242
71	Construction of a Cotton VIGS Library for Functional Genomics Study. <i>Methods in Molecular Biology</i> , 2015, 1287, 267-279.	0.4	6
72	Endothelial Differentiation Gene-1, a New Downstream Gene Is Involved in RTEF-1 Induced Angiogenesis in Endothelial Cells. <i>PLoS ONE</i> , 2014, 9, e88143.	1.1	8

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73	Functions of Calcium-Dependent Protein Kinases in Plant Innate Immunity. <i>Plants</i> , 2014, 3, 160-176.	1.6	77
74	Tyrosine phosphorylation of protein kinase complex BAK1/BIK1 mediates <i>Arabidopsis</i> innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3632-3637.	3.3	151
75	Modulation of RNA Polymerase II Phosphorylation Downstream of Pathogen Perception Orchestrates Plant Immunity. <i>Cell Host and Microbe</i> , 2014, 16, 748-758.	5.1	70
76	The <i>Pseudomonas syringae</i> effector HopF2 suppresses <i>Arabidopsis</i> immunity by targeting BAK1. <i>Plant Journal</i> , 2014, 77, 235-245.	2.8	110
77	Microbial signature-triggered plant defense responses and early signaling mechanisms. <i>Plant Science</i> , 2014, 228, 118-126.	1.7	119
78	Ubiquitination of Plant Immune Receptors. <i>Methods in Molecular Biology</i> , 2014, 1209, 219-231.	0.4	12
79	Big Roles of Small Kinases: The Complex Functions of Receptor-Like Cytoplasmic Kinases in Plant Immunity and Development. <i>Journal of Integrative Plant Biology</i> , 2013, 55, 1188-1197.	4.1	108
80	Bifurcation of <i>Arabidopsis</i> NLR Immune Signaling via Ca <sup>2+</sup> -Dependent Protein Kinases. <i>PLoS Pathogens</i> , 2013, 9, e1003127.	2.1	257
81	Inverse modulation of plant immune and brassinosteroid signaling pathways by the receptor-like cytoplasmic kinase BIK1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12114-12119.	3.3	148
82	Cotton GhBAK1 Mediates <i>Verticillium</i> Wilt Resistance and Cell Death. <i>Journal of Integrative Plant Biology</i> , 2013, 55, 586-596.	4.1	84
83	A Portable Continuous Blood Purification Machine for Emergency Rescue in Disasters. <i>Blood Purification</i> , 2012, 33, 227-237.	0.9	1
84	Direct Ubiquitination of Pattern Recognition Receptor FLS2 Attenuates Plant Innate Immunity. <i>Science</i> , 2011, 332, 1439-1442.	6.0	510
85	Silencing GhNDR1 and GhMKK2 compromises cotton resistance to <i>Verticillium</i> wilt. <i>Plant Journal</i> , 2011, 66, 293-305.	2.8	222
86	Oxidative Stress Suppresses Cysteinyl Leukotriene Generation by Mouse Bone Marrow-derived Mast Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 8277-8286.	1.6	4
87	A receptor-like cytoplasmic kinase, BIK1, associates with a flagellin receptor complex to initiate plant innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 496-501.	3.3	701
88	Phosphorylation of receptor-like cytoplasmic kinases by bacterial Flagellin. <i>Plant Signaling and Behavior</i> , 2010, 5, 598-600.	1.2	22
89	Bacterial Effectors Target the Common Signaling Partner BAK1 to Disrupt Multiple MAMP Receptor-Signaling Complexes and Impede Plant Immunity. <i>Cell Host and Microbe</i> , 2008, 4, 17-27.	5.1	498
90	The Use of Protoplasts to Study Innate Immune Responses. , 2007, 354, 1-10.		76

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91	Elicitation and suppression of microbe-associated molecular pattern-triggered immunity in plant-microbe interactions. <i>Cellular Microbiology</i> , 2007, 9, 1385-1396.	1.1	156
92	Endless Hide-and-Seek: Dynamic Co-evolution in Plant-Bacterium Warfare. <i>Journal of Integrative Plant Biology</i> , 2007, 49, 105-111.	4.1	15
93	Specific Bacterial Suppressors of MAMP Signaling Upstream of MAPKKK in Arabidopsis Innate Immunity. <i>Cell</i> , 2006, 125, 563-575.	13.5	386