

# Jacqueline Monaghan

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

2,666  
citations

394421

19  
h-index

414414

32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant pattern recognition receptor complexes at the plasma membrane. <i>Current Opinion in Plant Biology</i> , 2012, 15, 349-357.	7.1	626
2	The receptor kinase FER is a RALF-regulated scaffold controlling plant immune signaling. <i>Science</i> , 2017, 355, 287-289.	12.6	541
3	The Calcium-Dependent Protein Kinase CPK28 Buffers Plant Immunity and Regulates BIK1 Turnover. <i>Cell Host and Microbe</i> , 2014, 16, 605-615.	11.0	208
4	A Regulatory Module Controlling Homeostasis of a Plant Immune Kinase. <i>Molecular Cell</i> , 2018, 69, 493-504.e6.	9.7	161
5	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. <i>Science</i> , 2014, 343, 1509-1512.	12.6	152
6	Regulation of plant innate immunity by three proteins in a complex conserved across the plant and animal kingdoms. <i>Genes and Development</i> , 2007, 21, 1484-1493.	5.9	141
7	Two Prp19-Like U-Box Proteins in the MOS4-Associated Complex Play Redundant Roles in Plant Innate Immunity. <i>PLoS Pathogens</i> , 2009, 5, e1000526.	4.7	141
8	<scp>HSP</scp>90s are required for <scp>NLR</scp> immune receptor accumulation in Arabidopsis. <i>Plant Journal</i> , 2014, 79, 427-439.	5.7	80
9	The calcium-dependent protein kinase CPK28 negatively regulates the BIK1-mediated PAMP-induced calcium burst. <i>Plant Signaling and Behavior</i> , 2015, 10, e1018497.	2.4	73
10	Regulation of Plant Immune Signaling by Calcium-Dependent Protein Kinases. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 6-19.	2.6	62
11	Two Putative RNA-Binding Proteins Function with Unequal Genetic Redundancy in the MOS4-Associated Complex. <i>Plant Physiology</i> , 2010, 154, 1783-1793.	4.8	50
12	Autophosphorylation-based Calcium (Ca <sup>2+</sup> ) Sensitivity Priming and Ca <sup>2+</sup> /Calmodulin Inhibition of Arabidopsis thaliana Ca <sup>2+</sup> -dependent Protein Kinase 28 (CPK28). <i>Journal of Biological Chemistry</i> , 2017, 292, 3988-4002.	3.4	48
13	Modulation of plant innate immune signaling by small peptides. <i>Current Opinion in Plant Biology</i> , 2019, 51, 22-28.	7.1	48
14	The HEAT Repeat Protein ILITYHIA is Required for Plant Immunity. <i>Plant and Cell Physiology</i> , 2010, 51, 742-753.	3.1	43
15	Phosphorylation-dependent subfunctionalization of the calcium-dependent protein kinase CPK28. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	39
16	Large-scale identification of ubiquitination sites on membrane-associated proteins in Arabidopsis thaliana seedlings. <i>Plant Physiology</i> , 2021, 185, 1483-1488.	4.8	29
17	Dissecting plant defence signal transduction: modifiers of sn1 in Arabidopsis. <i>Canadian Journal of Plant Pathology</i> , 2010, 32, 35-42.	1.4	27
18	Opposing effects on two phases of defense responses from concerted actions of HSC70 and BON1 in Arabidopsis. <i>Plant Physiology</i> , 2015, 169, pp.00970.2015.	4.8	26

#	ARTICLE	IF	CITATIONS
19	Mapping mutations in plant genomes with the user-friendly web application CandiSNP. <i>Plant Methods</i> , 2014, 10, 41.	4.3	23
20	Pattern-Triggered Oxidative Burst and Seedling Growth Inhibition Assays in <i>Arabidopsis thaliana</i> . <i>Journal of Visualized Experiments</i> , 2019, .	0.3	22
21	Evolution and Functions of Plant U-Box Proteins: From Protein Quality Control to Signaling. <i>Annual Review of Plant Biology</i> , 2022, 73, 93-121.	18.7	22
22	<i>Proteobacteria</i> Contain Diverse flg22 Epitopes That Elicit Varying Immune Responses in <i>Arabidopsis thaliana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 504-510.	2.6	19
23	Receptor-like cytoplasmic kinase MAZZA mediates developmental processes with CLAVATA1 family receptors in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 4853-4870.	4.8	18
24	Conserved Degradation of Orthologous RLCKs Regulates Immune Homeostasis. <i>Trends in Plant Science</i> , 2018, 23, 554-557.	8.8	13
25	Editorial: Mechanisms regulating immunity in plants. <i>Frontiers in Plant Science</i> , 2013, 4, 64.	3.6	10
26	A novel allele of the <i>Arabidopsis thaliana</i> MACPF protein CAD1 results in deregulated immune signaling. <i>Genetics</i> , 2021, 217, .	2.9	9
27	Activation and turnover of the plant immune signaling kinase BIK1: a fine balance. <i>Essays in Biochemistry</i> , 2022, 66, 207-218.	4.7	7
28	The jasmonate receptor COI1 is required for AtPep1-induced immune responses in <i>Arabidopsis thaliana</i> . <i>BMC Research Notes</i> , 2018, 11, 555.	1.4	6
29	Differential regulation of the calcium-dependent protein kinase CPK28 by site-specific modification. <i>Plant Physiology</i> , 2021, 186, 1358-1361.	4.8	6
30	Truncated variants of Ca <sup>2+</sup> -dependent protein kinases: a conserved regulatory mechanism?. <i>Trends in Plant Science</i> , 2021, 26, 1002-1005.	8.8	6
31	Cross-kingdom regulation of calcium- and/or calmodulin-dependent protein kinases by phospho-switches that relieve autoinhibition. <i>Current Opinion in Plant Biology</i> , 2022, 68, 102251.	7.1	4
32	R Protein Activation: Another Player Revealed. <i>Cell Host and Microbe</i> , 2008, 3, 9-10.	11.0	2