

Structure of the activated ROQ1 resistosome directly re XopQ

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Enzyme formation by immune receptors. <i>Science</i> , 2020, 370, 1163-1164.	6.0	10
2	A Truncated Singleton NLR Causes Hybrid Necrosis in <i>Arabidopsis thaliana</i> . <i>Molecular Biology and Evolution</i> , 2021, 38, 557-574.	3.5	26
3	NOD-like receptor-mediated plant immunity: from structure to cell death. <i>Nature Reviews Immunology</i> , 2021, 21, 305-318.	10.6	103
5	Maize Plants Chimeric for an Autoactive Resistance Gene Display a Cell-Autonomous Hypersensitive Response but Non-Cell Autonomous Defense Signaling. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 606-616.	1.4	2
6	A misregulated cyclic nucleotide-gated channel mediates cytosolic calcium elevation and activates immunity in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2021, 230, 1078-1094.	3.5	51
7	Plant NLR diversity: the known unknowns of pan-NLRomes. <i>Plant Cell</i> , 2021, 33, 814-831.	3.1	99
8	A novel allele of the <i>Arabidopsis thaliana</i> MACPF protein CAD1 results in deregulated immune signaling. <i>Genetics</i> , 2021, 217, .	1.2	9
9	Plant evolution driven by interactions with symbiotic and pathogenic microbes. <i>Science</i> , 2021, 371, .	6.0	162
12	Mutual potentiation of plant immunity by cell-surface and intracellular receptors. <i>Nature</i> , 2021, 592, 110-115.	13.7	536
13	Disentangling cause and consequence: genetic dissection of the <i>DANGEROUS MIX2</i> risk locus, and activation of the DM2h NLR in autoimmunity. <i>Plant Journal</i> , 2021, 106, 1008-1023.	2.8	14
14	A Meta-Analysis Reveals Opposite Effects of Biotic and Abiotic Stresses on Transcript Levels of <i>Arabidopsis</i> Intracellular Immune Receptor Genes. <i>Frontiers in Plant Science</i> , 2021, 12, 625729.	1.7	12
17	Perturbation of nuclear-cytosolic shuttling of Rx1 compromises extreme resistance and translational arrest of potato virus X transcripts. <i>Plant Journal</i> , 2021, 106, 468-479.	2.8	9
18	Integrity of the Post-LRR Domain Is Required for TIR-NB-LRR Function. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 286-296.	1.4	22
19	SARM1 is a metabolic sensor activated by an increased NMN/NAD ⁺ ratio to trigger axon degeneration. <i>Neuron</i> , 2021, 109, 1118-1136.e11.	3.8	168
20	A Truncated TIR-NBS Protein TN10 Pairs with Two Clustered TIR-NBS-LRR Immune Receptors and Contributes to Plant Immunity in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 4004.	1.8	9
22	From Player to Pawn: Viral Avirulence Factors Involved in Plant Immunity. <i>Viruses</i> , 2021, 13, 688.	1.5	16
23	Recent Advances in Effector-Triggered Immunity in Plants: New Pieces in the Puzzle Create a Different Paradigm. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4709.	1.8	61
24	Extreme Resistance to Viruses in Potato and Soybean. <i>Frontiers in Plant Science</i> , 2021, 12, 658981.	1.7	16

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25	Stepwise artificial evolution of an Sw-5b immune receptor extends its resistance spectrum against resistance-breaking isolates of <i>Tomato spotted wilt virus</i> . <i>Plant Biotechnology Journal</i> , 2021, 19, 2164-2176.	4.1	15
26	Î±-Helices in the Type III Secretion Effectors: A Prevalent Feature with Versatile Roles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5412.	1.8	4
27	Apoptosis is not conserved in plants as revealed by critical examination of a model for plant apoptosis-like cell death. <i>BMC Biology</i> , 2021, 19, 100.	1.7	15
28	What the Wild Things Do: Mechanisms of Plant Host Manipulation by Bacterial Type III-Secreted Effector Proteins. <i>Microorganisms</i> , 2021, 9, 1029.	1.6	39
30	Calcium channels at the center of nucleotide-binding leucine-rich repeat receptor-mediated plant immunity. <i>Journal of Genetics and Genomics</i> , 2021, 48, 429-432.	1.7	0
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32	Tandem Protein Kinases Emerge as New Regulators of Plant Immunity. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 1094-1102.	1.4	17
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35	A Comparative Overview of the Intracellular Guardians of Plants and Animals: NLRs in Innate Immunity and Beyond. <i>Annual Review of Plant Biology</i> , 2021, 72, 155-184.	8.6	56
36	The ZAR1 resistosome is a calcium-permeable channel triggering plant immune signaling. <i>Cell</i> , 2021, 184, 3528-3541.e12.	13.5	308
37	Acidic pH irreversibly activates the signaling enzyme SARM1. <i>FEBS Journal</i> , 2021, 288, 6783-6794.	2.2	11
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44	An angiosperm NLR Atlas reveals that NLR gene reduction is associated with ecological specialization and signal transduction component deletion. <i>Molecular Plant</i> , 2021, 14, 2015-2031.	3.9	57
46	One Hundred Years of Hybrid Necrosis: Hybrid Autoimmunity as a Window into the Mechanisms and Evolution of Plant-Pathogen Interactions. <i>Annual Review of Phytopathology</i> , 2021, 59, 213-237.	3.5	23

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47	Regulation of Cell Death and Signaling by Pore-Forming Resistosomes. Annual Review of Phytopathology, 2021, 59, 239-263.	3.5	26
48	NLR immune receptor RB is differentially targeted by two homologous but functionally distinct effector proteins. Plant Communications, 2021, 2, 100236.	3.6	8
49	Evolutionary trade-offs at the Arabidopsis <i>WRR4A</i> resistance locus underpin alternate <i>Albugo candida</i> race recognition specificities. Plant Journal, 2021, 107, 1490-1502.	2.8	5
50	Plant pathogens convergently evolved to counteract redundant nodes of an NLR immune receptor network. PLoS Biology, 2021, 19, e3001136.	2.6	69
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65	A phyto-bacterial TIR domain effector manipulates NAD ⁺ to promote virulence. New Phytologist, 2022, 233, 890-904.	3.5	47
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71	A cluster of atypical resistance genes in soybean confers broad-spectrum antiviral activity. Plant Physiology, 2022, 188, 1277-1293.	2.3	9

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87	Thirty years of resistance: Zig-zag through the plant immune system. <i>Plant Cell</i> , 2022, 34, 1447-1478.	3.1	318
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99	An Update on Resistance Genes and Their Use in the Development of Leaf Rust Resistant Cultivars in Wheat. <i>Frontiers in Genetics</i> , 2022, 13, 816057.	1.1	25
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115	Perception of structurally distinct effectors by the integrated WRKY domain of a plant immune receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	32
117	Resistosomes at the interface of pathogens and plants. <i>Current Opinion in Plant Biology</i> , 2022, 67, 102212.	3.5	17
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158	<sc>EDS1</sc> complexes are not required for <sc>PRR</sc> responses and execute <sc>TNL-ETI</sc> from the nucleus in <i>Nicotiana benthamiana</i>. <i>New Phytologist</i> , 2022, 236, 2249-2264.	3.5	20
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165	The helper NLR immune protein NRC3 mediates the hypersensitive cell death caused by the cell-surface receptor Cf-4. <i>PLoS Genetics</i> , 2022, 18, e1010414.	1.5	35
166	Cyclic ADP ribose isomers: Production, chemical structures, and immune signaling. <i>Science</i> , 2022, 377, .	6.0	61

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167	Calcium channels and transporters: Roles in response to biotic and abiotic stresses. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	7
169	Tsw “ A case study on structure-function puzzles in plant NLRs with unusually large LRR domains. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
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183	In situ deletions reveal regulatory components for expression of an intracellular immune receptor gene and its co-expressed genes in Arabidopsis. <i>Plant, Cell and Environment</i> , 0, , .	2.8	0
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190	Engineering Resistance against <i>Sclerotinia sclerotiorum</i> Using a Truncated NLR (TNx) and a Defense-Priming Gene. <i>Plants</i> , 2022, 11, 3483.	1.6	0
191	A duplex structure of SARM1 octamers stabilized by a new inhibitor. <i>Cellular and Molecular Life Sciences</i> , 2023, 80, .	2.4	2
195	Effector-dependent activation and oligomerization of plant NLR class helper NLRs by sensor NLR immune receptors Rpi-Br3 and Rpi-Br1. <i>EMBO Journal</i> , 2023, 42, .	3.5	37
196	Assassination tango: an NLR/NLR immune receptors pair of rapeseed co-operates inside the nucleus to activate cell death. <i>Plant Journal</i> , 2023, 113, 1211-1222.	2.8	1
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198	Sensor NLR immune proteins activate oligomerization of their NRC helpers in response to plant pathogens. <i>EMBO Journal</i> , 2023, 42, .	3.5	34
199	An atypical NLR protein modulates the NRC immune receptor network in <i>Nicotiana benthamiana</i> . <i>PLoS Genetics</i> , 2023, 19, e1010500.	1.5	19
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