

Jan Sklenar

List of Publications by Year in descending order

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35
papers

4,346
citations

172457

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361022

35
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41
all docs

41
docs citations

41
times ranked

5494
citing authors

#	ARTICLE	IF	CITATIONS
1	Host-interactor screens of <i>Phytophthora infestans</i> RXLR proteins reveal vesicle trafficking as a major effector-targeted process. <i>Plant Cell</i> , 2021, 33, 1447-1471.	6.6	46
2	Two NLR immune receptors acquired high-affinity binding to a fungal effector through convergent evolution of their integrated domain. <i>ELife</i> , 2021, 10, .	6.0	38
3	Plant pathogens convergently evolved to counteract redundant nodes of an NLR immune receptor network. <i>PLoS Biology</i> , 2021, 19, e3001136.	5.6	69
4	Activation loop phosphorylation of a non-RD receptor kinase initiates plant innate immune signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
5	The tomato receptor CuRe1 senses a cell wall protein to identify <i>Cuscuta</i> as a pathogen. <i>Nature Communications</i> , 2020, 11, 5299.	12.8	36
6	Phosphorylation-Regulated Activation of the Arabidopsis RRS1-R/RPS4 Immune Receptor Complex Reveals Two Distinct Effector Recognition Mechanisms. <i>Cell Host and Microbe</i> , 2020, 27, 769-781.e6.	11.0	50
7	N-terminal β^2 -strand underpins biochemical specialization of an ATG8 isoform. <i>PLoS Biology</i> , 2019, 17, e3000373.	5.6	47
8	A sensor kinase controls turgor-driven plant infection by the rice blast fungus. <i>Nature</i> , 2019, 574, 423-427.	27.8	87
9	Quantitative phosphoproteomic analysis reveals common regulatory mechanisms between effector- and PAMP-triggered immunity in plants. <i>New Phytologist</i> , 2019, 221, 2160-2175.	7.3	102
10	Anion channel SLAH3 is a regulatory target of chitin receptor-associated kinase PBL27 in microbial stomatal closure. <i>ELife</i> , 2019, 8, .	6.0	48
11	Phosphocode-dependent functional dichotomy of a common co-receptor in plant signalling. <i>Nature</i> , 2018, 561, 248-252.	27.8	126
12	<i>Arabidopsis</i> downy mildew effector HaRxL106 suppresses plant immunity by binding to RADICAL-INDUCED CELL DEATH1. <i>New Phytologist</i> , 2018, 220, 232-248.	7.3	51
13	The Arabidopsis Protein Phosphatase PP2C38 Negatively Regulates the Central Immune Kinase BIK1. <i>PLoS Pathogens</i> , 2016, 12, e1005811.	4.7	113
14	An effector of the Irish potato famine pathogen antagonizes a host autophagy cargo receptor. <i>ELife</i> , 2016, 5, .	6.0	189
15	Heterologous Expression Screens in <i>Nicotiana benthamiana</i> Identify a Candidate Effector of the Wheat Yellow Rust Pathogen that Associates with Processing Bodies. <i>PLoS ONE</i> , 2016, 11, e0149035.	2.5	99
16	The Poplar Rust-Induced Secreted Protein (RISP) Inhibits the Growth of the Leaf Rust Pathogen <i>Melampsora larici-populina</i> and Triggers Cell Culture Alkalinisation. <i>Frontiers in Plant Science</i> , 2016, 7, 97.	3.6	11
17	Attenuation of pattern recognition receptor signaling is mediated by a <i>MAP</i> kinase kinase. <i>EMBO Reports</i> , 2016, 17, 441-454.	4.5	50
18	Rust fungal effectors mimic host transit peptides to translocate into chloroplasts. <i>Cellular Microbiology</i> , 2016, 18, 453-465.	2.1	90

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19	NbCSPR underlies age-dependent immune responses to bacterial cold shock protein in <i>Nicotiana benthamiana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3389-3394.	7.1	85
20	Probing formation of cargo/importin β transport complexes in plant cells using a pathogen effector. <i>Plant Journal</i> , 2015, 81, 40-52.	5.7	48
21	Phytophthora infestans RXLR-WY Effector AVR3a Associates with Dynamin-Related Protein 2 Required for Endocytosis of the Plant Pattern Recognition Receptor FLS2. <i>PLoS ONE</i> , 2015, 10, e0137071.	2.5	78
22	A Plant Immune Receptor Detects Pathogen Effectors that Target WRKY Transcription Factors. <i>Cell</i> , 2015, 161, 1089-1100.	28.9	454
23	Septin-Dependent Assembly of the Exocyst Is Essential for Plant Infection by <i>Magnaporthe oryzae</i> . <i>Plant Cell</i> , 2015, 27, 3277-3289.	6.6	79
24	Candidate Effector Proteins of the Rust Pathogen <i>Melampsora larici-populina</i> Target Diverse Plant Cell Compartments. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 689-700.	2.6	172
25	Identification of Regulatory and Cargo Proteins of Endosomal and Secretory Pathways in <i>Arabidopsis thaliana</i> by Proteomic Dissection*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1796-1813.	3.8	101
26	The Plasmodesmal Protein PDLP1 Localises to Haustoria-Associated Membranes during Downy Mildew Infection and Regulates Callose Deposition. <i>PLoS Pathogens</i> , 2014, 10, e1004496.	4.7	130
27	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. <i>Science</i> , 2014, 343, 1509-1512.	12.6	152
28	Effector Specialization in a Lineage of the Irish Potato Famine Pathogen. <i>Science</i> , 2014, 343, 552-555.	12.6	179
29	Chaperones of the endoplasmic reticulum are required for Ve1-mediated resistance to <i>V. dactyloides</i> . <i>Molecular Plant Pathology</i> , 2014, 15, 109-117.	4.2	33
30	Direct Regulation of the NADPH Oxidase RBOHD by the PRR-Associated Kinase BIK1 during Plant Immunity. <i>Molecular Cell</i> , 2014, 54, 43-55.	9.7	744
31	Receptor-like kinase SOBIR1/EVR interacts with receptor-like proteins in plant immunity against fungal infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10010-10015.	7.1	272
32	Endoplasmic Reticulum-Quality Control Chaperones Facilitate the Biogenesis of Cf Receptor-Like Proteins Involved in Pathogen Resistance of Tomato. <i>Plant Physiology</i> , 2012, 159, 1819-1833.	4.8	63
33	Factors affecting the growth of bifidobacteria in human milk. <i>International Dairy Journal</i> , 2011, 21, 504-508.	3.0	15
34	Growth of bifidobacteria and clostridia on human and cow milk saccharides. <i>Anaerobe</i> , 2011, 17, 223-225.	2.1	17
35	Phosphorylation-Dependent Differential Regulation of Plant Growth, Cell Death, and Innate Immunity by the Regulatory Receptor-Like Kinase BAK1. <i>PLoS Genetics</i> , 2011, 7, e1002046.	3.5	439