

# Jan Sklenar

## List of Publications by Year in descending order

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35  
papers

4,346  
citations

172457

29  
h-index

361022

35  
g-index

41  
all docs

41  
docs citations

41  
times ranked

5494  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Plant Immune Receptor Detects Pathogen Effectors that Target WRKY Transcription Factors. <i>Cell</i> , 2015, 161, 1089-1100.	28.9	454
3	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
4	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
5	An effector of the Irish potato famine pathogen antagonizes a host autophagy cargo receptor. <i>ELife</i> , 2016, 5, .	6.0	189
6	Effector Specialization in a Lineage of the Irish Potato Famine Pathogen. <i>Science</i> , 2014, 343, 552-555.	12.6	179
7	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
8	A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. <i>Science</i> , 2014, 343, 1509-1512.	12.6	152
9	The Plasmodesmal Protein PDL1 Localises to Haustoria-Associated Membranes during Downy Mildew Infection and Regulates Callose Deposition. <i>PLoS Pathogens</i> , 2014, 10, e1004496.	4.7	130
10	Phosphocode-dependent functional dichotomy of a common co-receptor in plant signalling. <i>Nature</i> , 2018, 561, 248-252.	27.8	126
11	The Arabidopsis Protein Phosphatase PP2C38 Negatively Regulates the Central Immune Kinase BIK1. <i>PLoS Pathogens</i> , 2016, 12, e1005811.	4.7	113
12	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
13	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
14	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
15	Rust fungal effectors mimic host transit peptides to translocate into chloroplasts. <i>Cellular Microbiology</i> , 2016, 18, 453-465.	2.1	90
16	A sensor kinase controls turgor-driven plant infection by the rice blast fungus. <i>Nature</i> , 2019, 574, 423-427.	27.8	87
17	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
18	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

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19	Phytophthora infestans RXLR-WY Effector AVR3a Associates with Dynamin-Related Protein 2 Required for Endocytosis of the Plant Pattern Recognition Receptor FLS2. PLoS ONE, 2015, 10, e0137071.	2.5	78
20	Plant pathogens convergently evolved to counteract redundant nodes of an NLR immune receptor network. PLoS Biology, 2021, 19, e3001136.	5.6	69
21	Endoplasmic Reticulum-Quality Control Chaperones Facilitate the Biogenesis of Cf Receptor-Like Proteins Involved in Pathogen Resistance of Tomato. Plant Physiology, 2012, 159, 1819-1833.	4.8	63
22	Arabidopsis downy mildew effector HaRxL106 suppresses plant immunity by binding to RADICAL-INDUCED CELL DEATH1. New Phytologist, 2018, 220, 232-248.	7.3	51
23	Attenuation of pattern recognition receptor signaling is mediated by a MAP kinase kinase. EMBO Reports, 2016, 17, 441-454.	4.5	50
24	Phosphorylation-Regulated Activation of the Arabidopsis RRS1-R/RPS4 Immune Receptor Complex Reveals Two Distinct Effector Recognition Mechanisms. Cell Host and Microbe, 2020, 27, 769-781.e6.	11.0	50
25	Probing formation of cargo/importin transport complexes in plant cells using a pathogen effector. Plant Journal, 2015, 81, 40-52.	5.7	48
26	Anion channel SLAH3 is a regulatory target of chitin receptor-associated kinase PBL27 in microbial stomatal closure. ELife, 2019, 8, .	6.0	48
27	N-terminal $\beta$ -strand underpins biochemical specialization of an ATG8 isoform. PLoS Biology, 2019, 17, e3000373.	5.6	47
28	Host-interactor screens of Phytophthora infestans RXLR proteins reveal vesicle trafficking as a major effector-targeted process. Plant Cell, 2021, 33, 1447-1471.	6.6	46
29	Two NLR immune receptors acquired high-affinity binding to a fungal effector through convergent evolution of their integrated domain. ELife, 2021, 10, .	6.0	38
30	The tomato receptor CuRe1 senses a cell wall protein to identify Cuscuta as a pathogen. Nature Communications, 2020, 11, 5299.	12.8	36
31	Chaperones of the endoplasmic reticulum are required for Ve1-mediated resistance to Verticillium. Molecular Plant Pathology, 2014, 15, 109-117.	4.2	33
32	Growth of bifidobacteria and clostridia on human and cow milk saccharides. Anaerobe, 2011, 17, 223-225.	2.1	17
33	Factors affecting the growth of bifidobacteria in human milk. International Dairy Journal, 2011, 21, 504-508.	3.0	15
34	Activation loop phosphorylation of a non-RD receptor kinase initiates plant innate immune signaling. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
35	The Poplar Rust-Induced Secreted Protein (RISP) Inhibits the Growth of the Leaf Rust Pathogen Melampsora larici-populina and Triggers Cell Culture Alkalinisation. Frontiers in Plant Science, 2016, 7, 97.	3.6	11