

Markus Albert

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,765
citations

471509

17
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

2021
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotyping-by-sequencing-based identification of Arabidopsis pattern recognition receptor RLP32 recognizing proteobacterial translation initiation factor IF1. <i>Nature Communications</i> , 2022, 13, 1294.	12.8	20
2	Complex N-Glycans Are Important for Normal Fruit Ripening and Seed Development in Tomato. <i>Frontiers in Plant Science</i> , 2021, 12, 635962.	3.6	16
3	Distinct immune sensor systems for fungal endopolygalacturonases in closely related Brassicaceae. <i>Nature Plants</i> , 2021, 7, 1254-1263.	9.3	40
4	A cell wall-localized glycine-rich protein of dodder acts as pathogen-associated molecular pattern. <i>Communicative and Integrative Biology</i> , 2021, 14, 111-114.	1.4	3
5	Mechanisms of resistance and virulence in parasitic plant-host interactions. <i>Plant Physiology</i> , 2021, 185, 1282-1291.	4.8	19
6	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
7	Quinones shuffling the CARDs. <i>Nature Plants</i> , 2020, 6, 1074-1075.	9.3	0
8	Perception of <i>Agrobacterium tumefaciens</i> flagellin by FLS2XL confers resistance to crown gall disease. <i>Nature Plants</i> , 2020, 6, 22-27.	9.3	46
9	The systemin receptor SYR1 enhances resistance of tomato against herbivorous insects. <i>Nature Plants</i> , 2018, 4, 152-156.	9.3	122
10	The dynamics of root cap sloughing in Arabidopsis is regulated by peptide signalling. <i>Nature Plants</i> , 2018, 4, 596-604.	9.3	62
11	Plants under stress by parasitic plants. <i>Current Opinion in Plant Biology</i> , 2017, 38, 34-41.	7.1	24
12	Quantitative Detection of Oxidative Burst upon Activation of Plant Receptor Kinases. <i>Methods in Molecular Biology</i> , 2017, 1621, 69-76.	0.9	14
13	Growth Assay for the Stem Parasitic Plants of the Genus <i>Cuscuta</i> . <i>Bio-protocol</i> , 2017, 7, e2243.	0.4	0
14	Parasitic <i>Cuscuta</i> factor(s) and the detection by tomato initiates plant defense. <i>Communicative and Integrative Biology</i> , 2016, 9, e1244590.	1.4	10
15	Detection of the plant parasite <i>Cuscuta reflexa</i> by a tomato cell surface receptor. <i>Science</i> , 2016, 353, 478-481.	12.6	108
16	The pattern-recognition receptor CORE of Solanaceae detects bacterial cold-shock protein. <i>Nature Plants</i> , 2016, 2, 16185.	9.3	101
17	An RLP23-SOBIR1-BAK1 complex mediates NLP-triggered immunity. <i>Nature Plants</i> , 2015, 1, 15140.	9.3	373
18	The rice immune receptor XA21 recognizes a tyrosine-sulfated protein from a Gram-negative bacterium. <i>Science Advances</i> , 2015, 1, e1500245.	10.3	209

#	ARTICLE	IF	CITATIONS
19	Parasitic plants of the genus <i>Cuscuta</i> and their interaction with susceptible and resistant host plants. <i>Frontiers in Plant Science</i> , 2015, 6, 45.	3.6	96
20	Peptides as triggers of plant defence. <i>Journal of Experimental Botany</i> , 2013, 64, 5269-5279.	4.8	139
21	A Two-Hybrid-Receptor Assay Demonstrates Heteromer Formation as Switch-On for Plant Immune Receptors. <i>Plant Physiology</i> , 2013, 163, 1504-1509.	4.8	27
22	The Receptor-Like Protein ReMAX of <i>Arabidopsis</i> Detects the Microbe-Associated Molecular Pattern eMax from <i>Xanthomonas</i> . <i>Plant Cell</i> , 2013, 25, 2330-2340.	6.6	114
23	Chimeric FLS2 Receptors Reveal the Basis for Differential Flagellin Perception in <i>Arabidopsis</i> and Tomato. <i>Plant Cell</i> , 2012, 24, 2213-2224.	6.6	69
24	Regulation of cell behaviour by plant receptor kinases: Pattern recognition receptors as prototypical models. <i>European Journal of Cell Biology</i> , 2010, 89, 200-207.	3.6	49
25	Chimeric receptors of the <i>Arabidopsis thaliana</i> pattern recognition receptors EFR and FLS2. <i>Plant Signaling and Behavior</i> , 2010, 5, 1430-1432.	2.4	18
26	Calcium signaling during the plant-plant interaction of parasitic <i>Cuscuta reflexa</i> with its hosts. <i>Plant Signaling and Behavior</i> , 2010, 5, 1144-1146.	2.4	10
27	<i>Cuscuta</i> spp: "Parasitic Plants in the Spotlight of Plant Physiology, Economy and Ecology". <i>Progress in Botany Fortschritte Der Botanik</i> , 2008, , 267-277.	0.3	37