

Youssef Belkhadir

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

6,303
citations

186265

28
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289244

40
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45
all docs

45
docs citations

45
times ranked

6726
citing authors

#	ARTICLE	IF	CITATIONS
1	RGI ϵ GOLVEN signaling promotes cell surface immune receptor abundance to regulate plant immunity. EMBO Reports, 2022, 23, e53281.	4.5	20
2	Synthesis of Fungal Cell Wall Oligosaccharides and Their Ability to Trigger Plant Immune Responses. European Journal of Organic Chemistry, 2022, 2022, .	2.4	3
3	Signatures of antagonistic pleiotropy in a bacterial flagellin epitope. Cell Host and Microbe, 2021, 29, 620-634.e9.	11.0	44
4	A complex immune response to flagellin epitope variation in commensal communities. Cell Host and Microbe, 2021, 29, 635-649.e9.	11.0	73
5	Inducible depletion of PI(4,5)P2 by the synthetic iDePP system in Arabidopsis. Nature Plants, 2021, 7, 587-597.	9.3	29
6	Chaperone-like protein DAY plays critical roles in photomorphogenesis. Nature Communications, 2021, 12, 4194.	12.8	5
7	Coding of plant immune signals by surface receptors. Current Opinion in Plant Biology, 2021, 62, 102044.	7.1	20
8	Tryptophan metabolism and bacterial commensals prevent fungal dysbiosis in <i>Arabidopsis</i> roots. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	38
9	Receptor kinase module targets PIN-dependent auxin transport during canalization. Science, 2020, 370, 550-557.	12.6	56
10	Damage Control: Cellular Logic in the Root Immune Response. Cell Host and Microbe, 2020, 27, 308-310.	11.0	1
11	Mechanisms of RALF peptide perception by a heterotypic receptor complex. Nature, 2019, 572, 270-274.	27.8	186
12	Biosynthesis and secretion of the microbial sulfated peptide RaxX and binding to the rice XA21 immune receptor. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8525-8534.	7.1	64
13	Map of physical interactions between extracellular domains of Arabidopsis leucine-rich repeat receptor kinases. Scientific Data, 2019, 6, 190025.	5.3	17
14	Bacterial medium-chain 3-hydroxy fatty acid metabolites trigger immunity in <i>Arabidopsis</i> plants. Science, 2019, 364, 178-181.	12.6	145
15	An extracellular network of Arabidopsis leucine-rich repeat receptor kinases. Nature, 2018, 553, 342-346.	27.8	241
16	Network biology discovers pathogen contact points in host protein-protein interactomes. Nature Communications, 2018, 9, 2312.	12.8	101
17	Root diffusion barrier control by a vasculature-derived peptide binding to the SGN3 receptor. Science, 2017, 355, 280-284.	12.6	211
18	The receptor kinase FER is a RALF-regulated scaffold controlling plant immune signaling. Science, 2017, 355, 287-289.	12.6	541

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19	A Technical Framework for Studying the Signaling Nexus of Brassinosteroids and Immunity. <i>Methods in Molecular Biology</i> , 2017, 1564, 49-61.	0.9	3
20	Mapping the subcellular mechanical properties of live cells in tissues with fluorescence emission Brillouin imaging. <i>Science Signaling</i> , 2016, 9, rs5.	3.6	153
21	Genomic screens identify a new phyto-bacterial microbe-associated molecular pattern and the cognate Arabidopsis receptor-like kinase that mediates its immune elicitation. <i>Genome Biology</i> , 2016, 17, 98.	8.8	62
22	Organ-specific regulation of growth-defense tradeoffs by plants. <i>Current Opinion in Plant Biology</i> , 2016, 29, 129-137.	7.1	62
23	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
24	The molecular circuitry of brassinosteroid signaling. <i>New Phytologist</i> , 2015, 206, 522-540.	7.3	218
25	The growth-defense pivot: crisis management in plants mediated by LRR-RK surface receptors. <i>Trends in Biochemical Sciences</i> , 2014, 39, 447-456.	7.5	135
26	Brassinosteroids modulate the efficiency of plant immune responses to microbe-associated molecular patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 297-302.	7.1	287
27	Tyrosine phosphorylation controls brassinosteroid receptor activation by triggering membrane release of its kinase inhibitor. <i>Genes and Development</i> , 2011, 25, 232-237.	5.9	236
28	Structural basis of steroid hormone perception by the receptor kinase BRI1. <i>Nature</i> , 2011, 474, 467-471.	27.8	340
29	Extracellular leucine-rich repeats as a platform for receptor/coreceptor complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8503-8507.	7.1	146
30	Intragenic Suppression of a Trafficking-Defective Brassinosteroid Receptor Mutant in Arabidopsis. <i>Genetics</i> , 2010, 185, 1283-1296.	2.9	21
31	Brassinosteroid Signaling: A Paradigm for Steroid Hormone Signaling from the Cell Surface. <i>Science</i> , 2006, 314, 1410-1411.	12.6	143
32	Arabidopsis Brassinosteroid Signaling Pathway. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2006, 2006, cm5-cm5.	3.9	26
33	Brassinosteroid Signaling Pathway. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2006, 2006, cm4-cm4.	3.9	17
34	Antagonistic Control of Disease Resistance Protein Stability in the Plant Immune System. <i>Science</i> , 2005, 309, 929-932.	12.6	226
35	Two <i>Pseudomonas syringae</i> Type III Effectors Inhibit RIN4-Regulated Basal Defense in Arabidopsis. <i>Cell</i> , 2005, 121, 749-759.	28.9	416
36	Arabidopsis RIN4 Negatively Regulates Disease Resistance Mediated by RPS2 and RPM1 Downstream or Independent of the NDR1 Signal Modulator and Is Not Required for the Virulence Functions of Bacterial Type III Effectors AvrRpt2 or AvrRpm1. <i>Plant Cell</i> , 2004, 16, 2822-2835.	6.6	222

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37	Plant disease resistance protein signaling: NBS-LRR proteins and their partners. <i>Current Opinion in Plant Biology</i> , 2004, 7, 391-399.	7.1	462
38	Cytosolic HSP90 associates with and modulates the Arabidopsis RPM1 disease resistance protein. <i>EMBO Journal</i> , 2003, 22, 5679-5689.	7.8	365
39	Arabidopsis RIN4 Is a Target of the Type III Virulence Effector AvrRpt2 and Modulates RPS2-Mediated Resistance. <i>Cell</i> , 2003, 112, 379-389.	28.9	852