Youssef Belkhadir

List of Publications by Year
in descending order

39 papers	6,303 citations	186265 28 h-index	289244 40 g-index
45 all docs	45 docs citations	45 times ranked	6726 citing authors

#	Article	IF	Citations
1	Arabidopsis RIN4 Is a Target of the Type III Virulence Effector AvrRpt2 and Modulates RPS2-Mediated Resistance. Cell, 2003, 112, 379-389.	28.9	852
2	The receptor kinase FER is a RALF-regulated scaffold controlling plant immune signaling. Science, 2017, 355, 287-289.	12.6	541
3	Plant disease resistance protein signaling: NBSâ€"LRR proteins and their partners. Current Opinion in Plant Biology, 2004, 7, 391-399.	7.1	462
4	Two Pseudomonas syringae Type III Effectors Inhibit RIN4-Regulated Basal Defense in Arabidopsis. Cell, 2005, 121, 749-759.	28.9	416
5	Cytosolic HSP90 associates with and modulates the Arabidopsis RPM1 disease resistance protein. EMBO Journal, 2003, 22, 5679-5689.	7.8	365
6	Structural basis of steroid hormone perception by the receptor kinase BRI1. Nature, 2011, 474, 467-471.	27.8	340
7	Brassinosteroids modulate the efficiency of plant immune responses to microbe-associated molecular patterns. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 297-302.	7.1	287
8	An extracellular network of Arabidopsis leucine-rich repeat receptor kinases. Nature, 2018, 553, 342-346.	27.8	241
9	Tyrosine phosphorylation controls brassinosteroid receptor activation by triggering membrane release of its kinase inhibitor. Genes and Development, 2011, 25, 232-237.	5.9	236
10	Antagonistic Control of Disease Resistance Protein Stability in the Plant Immune System. Science, 2005, 309, 929-932.	12.6	226
11	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. Plant Cell, 2004, 16, 2822-2835.	6.6	222
12	The molecular circuitry of brassinosteroid signaling. New Phytologist, 2015, 206, 522-540.	7.3	218
13	Root diffusion barrier control by a vasculature-derived peptide binding to the SGN3 receptor. Science, 2017, 355, 280-284.	12.6	211
14	Mechanisms of RALF peptide perception by a heterotypic receptor complex. Nature, 2019, 572, 270-274.	27.8	186
15	Mapping the subcellular mechanical properties of live cells in tissues with fluorescence emissionâ€"Brillouin imaging. Science Signaling, 2016, 9, rs5.	3.6	153
16	Extracellular leucine-rich repeats as a platform for receptor/coreceptor complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8503-8507.	7.1	146
17	Bacterial medium-chain 3-hydroxy fatty acid metabolites trigger immunity in <i>Arabidopsis</i> plants. Science, 2019, 364, 178-181.	12.6	145
18	Brassinosteroid Signaling: A Paradigm for Steroid Hormone Signaling from the Cell Surface. Science, 2006, 314, 1410-1411.	12.6	143

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19	The growthâ€"defense pivot: crisis management in plants mediated by LRR-RK surface receptors. Trends in Biochemical Sciences, 2014, 39, 447-456.	7.5	135
20	Network biology discovers pathogen contact points in host protein-protein interactomes. Nature Communications, 2018, 9, 2312.	12.8	101
21	NbCSPR underlies age-dependent immune responses to bacterial cold shock protein in <i>Nicotiana benthamiana</i>. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3389-3394.	7.1	85
22	A complex immune response to flagellin epitope variation in commensal communities. Cell Host and Microbe, 2021, 29, 635-649.e9.	11.0	73
23	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
24	Genomic screens identify a new phytobacterial microbe-associated molecular pattern and the cognate Arabidopsis receptor-like kinase that mediates its immune elicitation. Genome Biology, 2016, 17, 98.	8.8	62
25	Organ-specific regulation of growth-defense tradeoffs by plants. Current Opinion in Plant Biology, 2016, 29, 129-137.	7.1	62
26	Receptor kinase module targets PIN-dependent auxin transport during canalization. Science, 2020, 370, 550-557.	12.6	56
27	Signatures of antagonistic pleiotropy in a bacterial flagellin epitope. Cell Host and Microbe, 2021, 29, 620-634.e9.	11.0	44
28	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
29	Inducible depletion of PI(4,5)P2 by the synthetic iDePP system in Arabidopsis. Nature Plants, 2021, 7, 587-597.	9.3	29
30	Arabidopsis Brassinosteroid Signaling Pathway. Science's STKE: Signal Transduction Knowledge Environment, 2006, 2006, cm5-cm5.	3.9	26
31	Intragenic Suppression of a Trafficking-Defective Brassinosteroid Receptor Mutant in Arabidopsis. Genetics, 2010, 185, 1283-1296.	2.9	21
32	Coding of plant immune signals by surface receptors. Current Opinion in Plant Biology, 2021, 62, 102044.	7.1	20
33	RGIâ€GOLVEN signaling promotes cell surface immune receptor abundance to regulate plant immunity. EMBO Reports, 2022, 23, e53281.	4.5	20
34	Brassinosteroid Signaling Pathway. Science's STKE: Signal Transduction Knowledge Environment, 2006, 2006, cm4-cm4.	3.9	17
35	Map of physical interactions between extracellular domains of Arabidopsis leucine-rich repeat receptor kinases. Scientific Data, 2019, 6, 190025.	5.3	17
36	Chaperone-like protein DAY plays critical roles in photomorphogenesis. Nature Communications, 2021, 12, 4194.	12.8	5

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37	A Technical Framework for Studying the Signaling Nexus of Brassinosteroids and Immunity. Methods in Molecular Biology, 2017, 1564, 49-61.	0.9	3
38	Synthesis of Fungal Cell Wall Oligosaccharides and Their Ability to Trigger Plant Immune Responses. European Journal of Organic Chemistry, 2022, 2022, .	2.4	3
39	Damage Control: Cellular Logic in the Root Immune Response. Cell Host and Microbe, 2020, 27, 308-310.	11.0	1