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List of Publications by Year
in descending order

22 papers	3,082 citations	430874 18 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	4385 citing authors

#	Article	IF	Citations
1	A novel sensor to map auxin response and distribution at high spatio-temporal resolution. Nature, 2012, 482, 103-106.	27.8	664
2	The auxin signalling network translates dynamic input into robust patterning at the shoot apex. Molecular Systems Biology, 2011, 7, 508.	7.2	520
3	The Rosa genome provides new insights into the domestication of modern roses. Nature Genetics, 2018, 50, 772-777.	21.4	344
4	Root gravitropism is regulated by a transient lateral auxin gradient controlled by a tipping-point mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4668-4673.	7.1	304
5	Floral organ abscission peptide IDA and its HAE/HSL2 receptors control cell separation during lateral root emergence. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5235-5240.	7.1	213
6	Lateral root emergence: a difficult birth. Journal of Experimental Botany, 2009, 60, 3637-3643.	4.8	167
7	A fluorescent hormone biosensor reveals the dynamics of jasmonate signalling in plants. Nature Communications, 2015, 6, 6043.	12.8	130
8	Lateral root emergence in <i>Arabidopsis</i> is dependent on transcription factor LBD29 regulating auxin influx carrier <i>LAX3</i>. Development (Cambridge), 2016, 143, 3340-9.	2.5	111
9	Rice auxin influx carrier OsAUX1 facilitates root hair elongation in response to low external phosphate. Nature Communications, 2018, 9, 1408.	12.8	110
10	Sequential induction of auxin efflux and influx carriers regulates lateral root emergence. Molecular Systems Biology, 2013, 9, 699.	7.2	104
11	Structure of the <i>Arabidopsis</i> TOPLESS corepressor provides insight into the evolution of transcriptional repression. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8107-8112.	7.1	90
12	Wounding-Induced Stomatal Closure Requires Jasmonate-Mediated Activation of GORK K+ Channels by a Ca2+ Sensor-Kinase CBL1-CIPK5 Complex. Developmental Cell, 2019, 48, 87-99.e6.	7.0	74
13	Comparison of plant hormone signalling systems. Essays in Biochemistry, 2015, 58, 165-181.	4.7	52
14	Transcriptional induction of cell wall remodelling genes is coupled to microtubule-driven growth isotropy at the shoot apex in Arabidopsis. Development (Cambridge), 2018, 145, .	2.5	42
15	The CEP5 Peptide Promotes Abiotic Stress Tolerance, As Revealed by Quantitative Proteomics, and Attenuates the AUX/IAA Equilibrium in Arabidopsis. Molecular and Cellular Proteomics, 2020, 19, 1248-1262.	3.8	35
16	Repressor for hire! The vital roles of TOPLESSâ€mediated transcriptional repression in plants. New Phytologist, 2021, 231, 963-973.	7.3	34
17	From jellyfish to biosensors: the use of fluorescent proteins in plants. International Journal of Developmental Biology, 2013, 57, 525-533.	0.6	26
18	Q&A: How does jasmonate signaling enable plants to adapt and survive?. BMC Biology, 2016, 14, 79.	3.8	26

#	Article	IF	Citations
19	A multi-scale model of the interplay between cell signalling and hormone transport in specifying the root meristem of Arabidopsis thaliana. Journal of Theoretical Biology, 2016, 404, 182-205.	1.7	19
20	Time-Profiling Fluorescent Reporters in the Arabidopsis Root. Methods in Molecular Biology, 2014, 1056, 11-17.	0.9	7
21	Transcriptional reprogramming during floral fate acquisition. IScience, 2022, 25, 104683.	4.1	2
22	Use of Fluorescent Reporters to Analyse Dynamic and Spatial Responses to Mechanical Wounding. Methods in Molecular Biology, 2020, 2085, 161-168.	0.9	0