

Trevor M Nolan

List of Publications by Year in descending order

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papers

2,974
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394421

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#	ARTICLE	IF	CITATIONS
1	Brassinosteroids: Multidimensional Regulators of Plant Growth, Development, and Stress Responses. <i>Plant Cell</i> , 2020, 32, 295-318.	6.6	548
2	AP2/ERF Transcription Factor Regulatory Networks in Hormone and Abiotic Stress Responses in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 228.	3.6	438
3	<i>Arabidopsis</i> WRKY46, WRKY54 and WRKY70 Transcription Factors Are Involved in Brassinosteroid-Regulated Plant Growth and Drought Response. <i>Plant Cell</i> , 2017, 29, tpc.00364.2017.	6.6	286
4	Selective Autophagy of BES1 Mediated by DSK2 Balances Plant Growth and Survival. <i>Developmental Cell</i> , 2017, 41, 33-46.e7.	7.0	262
5	RD26 mediates crosstalk between drought and brassinosteroid signalling pathways. <i>Nature Communications</i> , 2017, 8, 14573.	12.8	202
6	Cross-talk of Brassinosteroid signaling in controlling growth and stress responses. <i>Biochemical Journal</i> , 2017, 474, 2641-2661.	3.7	183
7	FERONIA Receptor Kinase Contributes to Plant Immunity by Suppressing Jasmonic Acid Signaling in <i>Arabidopsis thaliana</i> . <i>Current Biology</i> , 2018, 28, 3316-3324.e6.	3.9	154
8	The AP2/ERF Transcription Factor TINY Modulates Brassinosteroid-Regulated Plant Growth and Drought Responses in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2019, 31, 1788-1806.	6.6	153
9	SINAT E3 Ligases Control the Light-Mediated Stability of the Brassinosteroid-Activated Transcription Factor BES1 in <i>Arabidopsis</i> . <i>Developmental Cell</i> , 2017, 41, 47-58.e4.	7.0	118
10	A single-cell <i>Arabidopsis</i> root atlas reveals developmental trajectories in wild-type and cell identity mutants. <i>Developmental Cell</i> , 2022, 57, 543-560.e9.	7.0	106
11	<sc>GSK</sc> 3-like kinase <sc>BIN</sc> 2 phosphorylates <sc>RD</sc> 26 to potentiate drought signaling in <i>Arabidopsis</i>. <i>Plant Journal</i> , 2019, 100, 923-937.	5.7	87
12	Identification of transcription factors that regulate <i>ATG8</i> expression and autophagy in <i>Arabidopsis</i>. <i>Autophagy</i> , 2020, 16, 123-139.	9.1	81
13	Histone Lysine Methyltransferase SDG8 Is Involved in Brassinosteroid-Regulated Gene Expression in <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2014, 7, 1303-1315.	8.3	64
14	Integrated omics networks reveal the temporal signaling events of brassinosteroid response in <i>Arabidopsis</i> . <i>Nature Communications</i> , 2021, 12, 5858.	12.8	54
15	The Mechanism of Variegation in immutans Provides Insight into Chloroplast Biogenesis. <i>Frontiers in Plant Science</i> , 2012, 3, 260.	3.6	52
16	Understanding chloroplast biogenesis using second-site suppressors of immutans and var2. <i>Photosynthesis Research</i> , 2013, 116, 437-453.	2.9	42
17	Single-cell analysis of cell identity in the <i>Arabidopsis</i> root apical meristem: insights and opportunities. <i>Journal of Experimental Botany</i> , 2021, 72, 6679-6686.	4.8	28
18	The F-box E3 ubiquitin ligase BAF1 mediates the degradation of the brassinosteroid-activated transcription factor BES1 through selective autophagy in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2021, 33, 3532-3554.	6.6	27

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19	Impaired Chloroplast Biogenesis in Immutans, an Arabidopsis Variegation Mutant, Modifies Developmental Programming, Cell Wall Composition and Resistance to Pseudomonas syringae. PLoS ONE, 2016, 11, e0150983.	2.5	22
20	Integrated omics reveal novel functions and underlying mechanisms of the receptor kinase FERONIA in <i>Arabidopsis thaliana</i> . Plant Cell, 2022, 34, 2594-2614.	6.6	18
21	Identification of Brassinosteroid Target Genes by Chromatin Immunoprecipitation Followed by High-Throughput Sequencing (ChIP-seq) and RNA-Sequencing. Methods in Molecular Biology, 2017, 1564, 63-79.	0.9	10
22	Automated microfluidic plant chips-based plant phenotyping system. , 2017, , .		4
23	Robotic Assay for Drought (RoAD): an automated phenotyping system for brassinosteroid and drought responses. Plant Journal, 2021, 107, 1837-1853.	5.7	4