Michael J Haydon

List of Publications by Year
in descending order

23 papers	3,557 citations	471509 17 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	3724 citing authors

#	Article	IF	Citations
1	Agrobacterium-Mediated Seedling Transformation to Measure Circadian Rhythms in Arabidopsis. Methods in Molecular Biology, 2022, 2398, 57-64.	0.9	2
2	A reactive oxygen species Ca²⁺ signalling pathway identified from a chemical screen for modifiers of sugarâ€activated circadian gene expression. New Phytologist, 2022, 236, 1027-1041.	7.3	6
3	Superoxide is promoted by sucrose and affects amplitude of circadian rhythms in the evening. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
4	Rootâ€toâ€shoot iron partitioning in Arabidopsis requires IRONâ€REGULATED TRANSPORTER1 (IRT1) protein but not its iron(II) transport function. Plant Journal, 2021, , .	5.7	18
5	Combining GAL4 GFP enhancer trap with split luciferase to measure spatiotemporal promoter activity in Arabidopsis. Plant Journal, 2020, 102, 187-198.	5.7	10
6	Systemic Upregulation of MTP2- and HMA2-Mediated Zn Partitioning to the Shoot Supplements Local Zn Deficiency Responses. Plant Cell, 2018, 30, 2463-2479.	6.6	78
7	Circadian Entrainment in Arabidopsis by the Sugar-Responsive Transcription Factor bZIP63. Current Biology, 2018, 28, 2597-2606.e6.	3.9	140
8	BIG Regulates Dynamic Adjustment of Circadian Period in <i>Arabidopsis thaliana</i>. Plant Physiology, 2018, 178, 358-371.	4.8	27
9	Etiolated Seedling Development Requires Repression of Photomorphogenesis by a Small Cell-Wall-Derived Dark Signal. Current Biology, 2017, 27, 3403-3418.e7.	3.9	49
10	Sucrose and Ethylene Signaling Interact to Modulate the Circadian Clock. Plant Physiology, 2017, 175, 947-958.	4.8	77
11	Assessing the Impact of Photosynthetic Sugars on the Arabidopsis Circadian Clock. Methods in Molecular Biology, 2016, 1398, 133-140.	0.9	9
12	Nutrient homeostasis within the plant circadian network. Frontiers in Plant Science, 2015, 6, 299.	3.6	59
13	Getting a sense for zinc in plants. New Phytologist, 2014, 202, 10-12.	7.3	7
14	Photosynthetic entrainment of the Arabidopsis thaliana circadian clock. Nature, 2013, 502, 689-692.	27.8	350
15	Metabolic regulation of circadian clocks. Seminars in Cell and Developmental Biology, 2013, 24, 414-421.	5.0	55
16	Vacuolar Nicotianamine Has Critical and Distinct Roles under Iron Deficiency and for Zinc Sequestration in <i>Arabidopsis</i>. Plant Cell, 2012, 24, 724-737.	6.6	277
17	Interactions between plant circadian clocks and solute transport. Journal of Experimental Botany, 2011, 62, 2333-2348.	4.8	89
18	The circadian oscillator gene <i>GIGANTEA</i> mediates a long-term response of the <i>Arabidopsis thaliana</i> circadian clock to sucrose. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5104-5109.	7.1	205

#	Article	IF	Citations
19	Evolution of metal hyperaccumulation required cis-regulatory changes and triplication of HMA4. Nature, 2008, 453, 391-395.	27.8	739
20	A Novel Major Facilitator Superfamily Protein at the Tonoplast Influences Zinc Tolerance and Accumulation in Arabidopsis. Plant Physiology, 2007, 143, 1705-1719.	4.8	221
21	Transporters of ligands for essential metal ions in plants. New Phytologist, 2007, 174, 499-506.	7.3	385
22	P-Type ATPase Heavy Metal Transporters with Roles in Essential Zinc Homeostasis in Arabidopsis. Plant Cell, 2004, 16, 1327-1339.	6.6	646
23	Structural and functional relationships between type 1 B heavy metalâ€transporting Pâ€type ATPases in Arabidopsis. New Phytologist, 2003, 159, 315-321.	7.3	68