Guillaume Dubeaux

List of Publications by Year
in descending order

14	1,271	840119 11	1058022 14
papers	citations	h-index	g-index

16	16	16	1526
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metal Sensing by the IRT1 Transporter-Receptor Orchestrates Its Own Degradation and Plant Metal Nutrition. Molecular Cell, 2018, 69, 953-964.e5.	4.5	231
2	Polarization of IRON-REGULATED TRANSPORTER 1 (IRT1) to the plant-soil interface plays crucial role in metal homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8293-8298.	3.3	229
3	Signaling mechanisms in abscisic acidâ€•mediated stomatal closure. Plant Journal, 2021, 105, 307-321.	2.8	214
4	MAP3Kinase-dependent SnRK2-kinase activation is required for abscisic acid signal transduction and rapid osmotic stress response. Nature Communications, 2020, 11, 12.	5.8	202
5	Tissue-Specific Regulation of Gibberellin Signaling Fine-Tunes Arabidopsis Iron-Deficiency Responses. Developmental Cell, 2016, 37, 190-200.	3.1	104
6	Insights into the Molecular Mechanisms ofÂCO2-Mediated Regulation of Stomatal Movements. Current Biology, 2018, 28, R1356-R1363.	1.8	85
7	Dynamic Control of the High-Affinity Iron Uptake Complex in Root Epidermal Cells. Plant Physiology, 2020, 184, 1236-1250.	2.3	68
8	A role for calciumâ€dependent protein kinases in differential CO₂â€•and ABAâ€controlled stomatal closing and low CO₂â€induced stomatal opening in Arabidopsis. New Phytologist, 2021, 229, 2765-2779.	3.5	38
9	Deep dive into CO2-dependent molecular mechanisms driving stomatal responses in plants. Plant Physiology, 2021, 187, 2032-2042.	2.3	30
10	Zooming into plant ubiquitin-mediated endocytosis. Current Opinion in Plant Biology, 2017, 40, 56-62.	3.5	26
11	Boolink: a graphical interface for open access Boolean network simulations and use in guard cell CO2 signaling. Plant Physiology, 2021, 187, 2311-2322.	2.3	17
12	Getting to the root of plant iron uptake and cell-cell transport: Polarity matters!. Communicative and Integrative Biology, 2015, 8, e1038441.	0.6	12
13	A seed resource for screening functionally redundant genes and isolation of new mutants impaired in CO2 and ABA responses. Journal of Experimental Botany, 2019, 70, 641-651.	2.4	12
14	Toward a better understanding of signaling networks in plants: yeast has the power!. EMBO Journal, 2019, 38, e102478.	3.5	2