

David A. Bird

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

4,092
citations

394421

19
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

4995
citing authors

#	ARTICLE	IF	CITATIONS
1	Acyl-Lipid Metabolism. The Arabidopsis Book, 2013, 11, e0161.	0.5	974
2	Plant ABC proteins – a unified nomenclature and updated inventory. Trends in Plant Science, 2008, 13, 151-159.	8.8	652
3	Characterization of Arabidopsis ABCG11/WBC11, an ATP binding cassette (ABC) transporter that is required for cuticular lipid secretion. Plant Journal, 2007, 52, 485-498.	5.7	349
4	Identification of the Wax Ester Synthase/Acyl-Coenzyme A:Diacylglycerol Acyltransferase WSD1 Required for Stem Wax Ester Biosynthesis in Arabidopsis. Plant Physiology, 2008, 148, 97-107.	4.8	319
5	Arabidopsis LTPG Is a Glycosylphosphatidylinositol-Anchored Lipid Transfer Protein Required for Export of Lipids to the Plant Surface. Plant Cell, 2009, 21, 1230-1238.	6.6	295
6	Acyl-Lipid Metabolism. The Arabidopsis Book, 2010, 8, e0133.	0.5	287
7	The Cytochrome P450 Enzyme CYP96A15 Is the Midchain Alkane Hydroxylase Responsible for Formation of Secondary Alcohols and Ketones in Stem Cuticular Wax of Arabidopsis. Plant Physiology, 2007, 145, 653-667.	4.8	267
8	Arabidopsis ABCG Transporters, Which Are Required for Export of Diverse Cuticular Lipids, Dimerize in Different Combinations. Plant Cell, 2010, 22, 3066-3075.	6.6	237
9	A Tale of Three Cell Types: Alkaloid Biosynthesis Is Localized to Sieve Elements in Opium Poppy. Plant Cell, 2003, 15, 2626-2635.	6.6	170
10	Can Arabidopsis make complex alkaloids?. Trends in Plant Science, 2004, 9, 116-122.	8.8	101
11	Sanguinarine Biosynthesis Is Associated with the Endoplasmic Reticulum in Cultured Opium Poppy Cells after Elicitor Treatment. Plant Physiology, 2005, 138, 173-183.	4.8	80
12	Berberine bridge enzyme, a key branch-point enzyme in benzyloquinoline alkaloid biosynthesis, contains a vacuolar sorting determinant. Planta, 2001, 213, 888-897.	3.2	60
13	Arabidopsis ketoacyl-CoA synthase 16 (KCS16) forms C ₃₆ /C ₃₈ acyl precursors for leaf trichome and pavement surface wax. Plant, Cell and Environment, 2017, 40, 1761-1776.	5.7	54
14	The role of ABC transporters in cuticular lipid secretion. Plant Science, 2008, 174, 563-569.	3.6	45
15	Defining the Diverse Cell Populations Contributing to Lignification in Arabidopsis Stems. Plant Physiology, 2017, 174, 1028-1036.	4.8	45
16	The composition of surface wax on trichomes of Arabidopsis thaliana differs from wax on other epidermal cells. Plant Journal, 2016, 88, 762-774.	5.7	40
17	Arabidopsis cyclin-dependent kinase inhibitors are nuclear-localized and show different localization patterns within the nucleoplasm. Plant Cell Reports, 2007, 26, 861-872.	5.6	31
18	Developmental regulation of benzyloquinoline alkaloid biosynthesis in opium poppy plants and tissue cultures. In Vitro Cellular and Developmental Biology - Plant, 1998, 34, 69-79.	2.1	28

#	ARTICLE	IF	CITATIONS
19	Functions, regulation and cellular localization of plant cyclin-dependent kinase inhibitors. <i>Journal of Microscopy</i> , 2008, 231, 234-246.	1.8	26
20	Fine structure of the Arabidopsis stem cuticle: effects of fixation and changes over development. <i>Planta</i> , 2016, 244, 843-851.	3.2	12
21	Opium poppy: a model system to investigate alkaloid biosynthesis in plants. <i>Canadian Journal of Botany</i> , 2005, 83, 1189-1206.	1.1	11
22	The Distribution and Conformation of Very Long-Chain Plant Wax Components in a Lipid Bilayer. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8702-8704.	2.6	7
23	Chapter seven Multiple levels of control in the regulation of alkaloid biosynthesis. <i>Recent Advances in Phytochemistry</i> , 2003, 37, 143-180.	0.5	2
24	Integrating Cryo-Fixation and Electron Microscopy with Molecular Tools to Understand How Plants Secrete their Cell Walls. <i>Microscopy and Microanalysis</i> , 2009, 15, 82-83.	0.4	0