Angela Hay

List of Publications by Year
in descending order

43 papers	5,205 citations	236612 25 h-index	264894 42 g-index
48 all docs	48 docs citations	48 times ranked	4520 citing authors

#	Article	IF	Citations
1	Development and diversity of lignin patterns. Plant Physiology, 2022, 190, 31-43.	2.3	9
2	Explosive seed dispersal depends on SPL7 to ensure sufficient copper for localized lignin deposition via laccases. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	13
3	Fineâ€scale empirical data on niche divergence and homeolog expression patterns in an allopolyploid and its diploid progenitor species. New Phytologist, 2021, 229, 3587-3601.	3.5	18
4	Seed coat development in explosively dispersed seeds of Cardamine hirsuta. Annals of Botany, 2020, 126, 39-59.	1.4	6
5	Schooling PhD students in plant development. New Phytologist, 2020, 226, 1544-1547.	3.5	0
6	Floral organ development goes live. Journal of Experimental Botany, 2020, 71, 2472-2478.	2.4	15
7	LMI1 homeodomain protein regulates organ proportions by spatial modulation of endoreduplication. Genes and Development, 2018, 32, 1361-1366.	2.7	29
8	Snap, crack and pop of explosive fruit. Current Opinion in Genetics and Development, 2018, 51, 31-36.	1.5	8
9	Why plants make puzzle cells, and how their shape emerges. ELife, 2018, 7, .	2.8	208
10	The role of APETALA1 in petal number robustness. ELife, 2018, 7, .	2.8	23
11	Conservation vs divergence in <i>LEAFY</i> and <i>APETALA1</i> functions between <i>Arabidopsis thaliana</i> and <i>Cardamine hirsuta</i>. New Phytologist, 2017, 216, 549-561.	3.5	21
12	Explosive seed dispersal. New Phytologist, 2017, 216, 339-342.	3.5	19
13	Seasonal Regulation of Petal Number. Plant Physiology, 2017, 175, 886-903.	2.3	14
14	The genetic architecture of petal number in <i>Cardamine hirsuta</i>. New Phytologist, 2016, 209, 395-406.	3.5	18
15	Cardamine hirsuta: a comparative view. Current Opinion in Genetics and Development, 2016, 39, 1-7.	1.5	20
16	Cells, walls, and endless forms. Current Opinion in Plant Biology, 2016, 34, 114-121.	3.5	17
17	The Cardamine hirsuta genome offers insight into the evolution of morphological diversity. Nature Plants, 2016, 2, 16167.	4.7	90
18	Morphomechanical Innovation Drives Explosive Seed Dispersal. Cell, 2016, 166, 222-233.	13.5	128

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19	Stochastic variation in<i>Cardamine hirsuta</i>petal number. Annals of Botany, 2016, 117, 881-887.	1.4	17
20	MorphoGraphX: A platform for quantifying morphogenesis in 4D. ELife, 2015, 4, 05864.	2.8	389
21	Alternate wiring of a <i>KNOXI</i> genetic network underlies differences in leaf development of <i>A. thaliana</i> and <i>C. hirsuta</i>. Genes and Development, 2015, 29, 2391-2404.	2.7	68
22	Heterochrony underpins natural variation in<i>Cardamine hirsuta</i>leaf form. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10539-10544.	3.3	60
23	<i>Cardamine hirsuta</i>: a versatile genetic system for comparative studies. Plant Journal, 2014, 78, 1-15.	2.8	78
24	Leaf Shape Evolution Through Duplication, Regulatory Diversification, and Loss of a Homeobox Gene. Science, 2014, 343, 780-783.	6.0	269
25	<i><scp>SIMPLE LEAF</scp>3</i> encodes a ribosomeâ€associated protein required for leaflet development in <i><scp>C</scp>ardamine hirsuta</i>. Plant Journal, 2013, 73, 533-545.	2.8	26
26	Model for the regulation of <i>Arabidopsis thaliana</i> leaf margin development. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3424-3429.	3.3	399
27	Arabidopsis thaliana Leaf Form Evolved via Loss of KNOX Expression in Leaves in Association with a Selective Sweep. Current Biology, 2010, 20, 2223-2228.	1.8	88
28	KNOX genes: versatile regulators of plant development and diversity. Development (Cambridge), 2010, 137, 3153-3165.	1.2	478
29	Patterning and evolution of floral structures â€" marking time. Current Opinion in Genetics and Development, 2010, 20, 448-453.	1.5	18
30	<i>PROCERA</i> encodes a DELLA protein that mediates control of dissected leaf form in tomato. Plant Journal, 2008, 56, 603-612.	2.8	110
31	A developmental framework for dissected leaf formation in the Arabidopsis relative Cardamine hirsuta. Nature Genetics, 2008, 40, 1136-1141.	9.4	297
32	A Conserved Molecular Framework for Compound Leaf Development. Science, 2008, 322, 1835-1839.	6.0	320
33	The genetic basis for differences in leaf form between Arabidopsis thaliana and its wild relative Cardamine hirsuta. Nature Genetics, 2006, 38, 942-947.	9.4	343
34	SERRATE coordinates shoot meristem function and leaf axial patterning in Arabidopsis. Nature, 2005, 437, 1022-1026.	13.7	214
35	KNOX Action in Arabidopsis Is Mediated by Coordinate Regulation of Cytokinin and Gibberellin Activities. Current Biology, 2005, 15, 1560-1565.	1.8	614
36	The Dominant Mutant Wavy auricle in blade1 Disrupts Patterning in a Lateral Domain of the Maize Leaf. Plant Physiology, 2004, 135, 300-308.	2.3	34

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37	PINning down the connections: transcription factors and hormones in leaf morphogenesis. Current Opinion in Plant Biology, 2004, 7, 575-581.	3.5	34
38	Plant hormones and homeoboxes: bridging the gap?. BioEssays, 2004, 26, 395-404.	1.2	97
39	Comparative plant development: the time of the leaf?. Nature Reviews Genetics, 2003, 4, 169-180.	7.7	71
40	Analysis of the Competence to Respond to KNOTTED1 Activity in Arabidopsis Leaves Using a Steroid Induction System. Plant Physiology, 2003, 131, 1671-1680.	2.3	41
41	The Gibberellin Pathway Mediates KNOTTED1-Type Homeobox Function in Plants with Different Body Plans. Current Biology, 2002, 12, 1557-1565.	1.8	399
42	Maize transgene results in Mexico are artefacts (see editorial footnote). Nature, 2002, 416, 601-602.	13.7	71
43	Identification of cell wall proteins in roots of phosphate-deprived white clover plants. Plant Physiology and Biochemistry, 1998, 36, 305-311.	2.8	8