Catherine A Kidner

List of Publications by Year
in descending order

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37 papers	4,305 citations	304743 22 h-index	377865 34 g-index
39 all docs	39 docs citations	39 times ranked	5203 citing authors

#	Article	IF	Citations
1	Regulation of Heterochromatic Silencing and Histone H3 Lysine-9 Methylation by RNAi. Science, 2002, 297, 1833-1837.	12.6	1,889
2	Spatially restricted microRNA directs leaf polarity through ARGONAUTE1. Nature, 2004, 428, 81-84.	27.8	486
3	The developmental role of microRNA in plants. Current Opinion in Plant Biology, 2005, 8, 38-44.	7.1	350
4	The role of ARGONAUTE1 (AGO1) in meristem formation and identity. Developmental Biology, 2005, 280, 504-517.	2.0	148
5	Using targeted enrichment of nuclear genes to increase phylogenetic resolution in the neotropical rain forest genus Inga (Leguminosae: Mimosoideae). Frontiers in Plant Science, 2015, 6, 710.	3.6	147
6	Clonal analysis of the Arabidopsis root confirms that position, not lineage, determines cell fate. Planta, 2000, 211, 191-199.	3.2	145
7	Retrieval of hundreds of nuclear loci from herbarium specimens. Taxon, 2016, 65, 1081-1092.	0.7	143
8	Largeâ€scale genomic sequence data resolve the deepest divergences in the legume phylogeny and support a nearâ€simultaneous evolutionary origin of all six subfamilies. New Phytologist, 2020, 225, 1355-1369.	7.3	94
9	The Origin of the Legumes is a Complex Paleopolyploid Phylogenomic Tangle Closely Associated with the Cretaceousâ€“Paleogene (Kâ€“Pg) Mass Extinction Event. Systematic Biology, 2021, 70, 508-526.	5.6	83
10	Mixing and matching pathways in leaf polarity. Current Opinion in Plant Biology, 2007, 10, 13-20.	7.1	82
11	Development of leaf shape. Current Opinion in Plant Biology, 2001, 4, 38-43.	7.1	76
12	The many roles of small RNAs in leaf development. Journal of Genetics and Genomics, 2010, 37, 13-21.	3.9	66
13	Nextâ€“generation sequencing and systematics: What can a billion base pairs of DNA sequence data do for you?. Taxon, 2011, 60, 1552-1566.	0.7	64
14	Macro effects of microRNAs in plants. Trends in Genetics, 2003, 19, 13-16.	6.7	53
15	Hybrid capture of 964 nuclear genes resolves evolutionary relationships in the mimosoid legumes and reveals the polytomous origins of a large pantropical radiation. American Journal of Botany, 2020, 107, 1710-1735.	1.7	51
16	Signaling Sides. Current Topics in Developmental Biology, 2010, 91, 141-168.	2.2	49
17	Plant stem cells: divergent pathways and common themes in shoots and roots. Current Opinion in Genetics and Development, 2003, 13, 551-557.	3.3	46
18	The Limits of Hyb-Seq for Herbarium Specimens: Impact of Preservation Techniques. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	45

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19	Population history and seed dispersal in widespread Central AmericanBegoniaspecies (Begoniaceae) inferred from plastome-derived microsatellite markers. Botanical Journal of the Linnean Society, 2013, 171, 260-276.	1.6	40
20	First steps in studying the origins of secondary woodiness inBegonia(Begoniaceae): combining anatomy, phylogenetics, and stem transcriptomics. Biological Journal of the Linnean Society, 2016, 117, 121-138.	1.6	30
21	Maintenance of species boundaries in a <scp>N</scp>eotropical radiation of <scp>B</scp>egonia. Molecular Ecology, 2015, 24, 4982-4993.	3.9	29
22	In Situ Hybridization as a Tool to Study the Role of MicroRNAs in Plant Development. , 2006, 342, 159-180.		25
23	Chemocoding as an identification tool where morphologicalâ€•and <scp>DNA</scp>â€based methods fall short: Inga as a case study. New Phytologist, 2018, 218, 847-858.	7.3	25
24	A complex case of simple leaves: indeterminate leaves co-express ARP and KNOX1 genes. Development Genes and Evolution, 2010, 220, 25-40.	0.9	22
25	Macroevolutionary patterns in overexpression of tyrosine: An antiâ€herbivore defence in a speciose tropical tree genus, Inga (Fabaceae). Journal of Ecology, 2019, 107, 1620-1632.	4.0	21
26	Tracking of Host Defenses and Phylogeny During the Radiation of Neotropical Inga-Feeding Sawflies (Hymenoptera; Argidae). Frontiers in Plant Science, 2018, 9, 1237.	3.6	19
27	Genomes shed light on the evolution of Begonia, a megaâ€diverse genus. New Phytologist, 2022, 234, 295-310.	7.3	18
28	Transcriptome mining for phylogenetic markers in a recently radiated genus of tropical plants (Renealmia L.f., Zingiberaceae). Molecular Phylogenetics and Evolution, 2018, 119, 13-24.	2.7	13
29	Developmental genetics of the angiosperm leaf. Advances in Botanical Research, 2002, 38, 191-234.	1.1	12
30	Comparative Analysis of Begonia Plastid Genomes and Their Utility for Species-Level Phylogenetics. PLoS ONE, 2016, 11, e0153248.	2.5	12
31	Development and Characterization of Microsatellite Markers for Central American Begonia sect. Gireoudia (Begoniaceae). Applications in Plant Sciences, 2013, 1, 1200499.	2.1	7
32	Ultrastructure and development of non-contiguous stomatal clusters and helicocytic patterning in Begonia. Annals of Botany, 2018, 122, 767-776.	2.9	7
33	Multi-tissue transcriptome analysis of two Begonia species reveals dynamic patterns of evolution in the chalcone synthase gene family. Scientific Reports, 2021, 11, 17773.	3.3	6
34	YABBY genes in plants. Trends in Genetics, 1999, 15, 260.	6.7	1
35	The evolution of sex ratio differences and inflorescence architectures in Begonia (Begoniaceae). American Journal of Botany, 2014, 101, 308-317.	1.7	1
36	Untwisting RNAs in plant development. Trends in Genetics, 2000, 16, 68.	6.7	0

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37	Initiating interference. Trends in Genetics, 2001, 17, 129.	6.7	0