

# Catherine A Kidner

## List of Publications by Year in descending order

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37  
papers

4,305  
citations

304368

22  
h-index

377514

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. <i>Science</i> , 2002, 297, 1833-1837.	6.0	1,889
2	Spatially restricted microRNA directs leaf polarity through ARGONAUTE1. <i>Nature</i> , 2004, 428, 81-84.	13.7	486
3	The developmental role of microRNA in plants. <i>Current Opinion in Plant Biology</i> , 2005, 8, 38-44.	3.5	350
4	The role of ARGONAUTE1 (AGO1) in meristem formation and identity. <i>Developmental Biology</i> , 2005, 280, 504-517.	0.9	148
5	Using targeted enrichment of nuclear genes to increase phylogenetic resolution in the neotropical rain forest genus <i>Inga</i> (Leguminosae: Mimosoideae). <i>Frontiers in Plant Science</i> , 2015, 6, 710.	1.7	147
6	Clonal analysis of the <i>Arabidopsis</i> root confirms that position, not lineage, determines cell fate. <i>Planta</i> , 2000, 211, 191-199.	1.6	145
7	Retrieval of hundreds of nuclear loci from herbarium specimens. <i>Taxon</i> , 2016, 65, 1081-1092.	0.4	143
8	Large-scale genomic sequence data resolve the deepest divergences in the legume phylogeny and support a near-simultaneous evolutionary origin of all six subfamilies. <i>New Phytologist</i> , 2020, 225, 1355-1369.	3.5	94
9	The Origin of the Legumes is a Complex Paleopolyploid Phylogenomic Tangle Closely Associated with the Cretaceous-Paleogene (K-Pg) Mass Extinction Event. <i>Systematic Biology</i> , 2021, 70, 508-526.	2.7	83
10	Mixing and matching pathways in leaf polarity. <i>Current Opinion in Plant Biology</i> , 2007, 10, 13-20.	3.5	82
11	Development of leaf shape. <i>Current Opinion in Plant Biology</i> , 2001, 4, 38-43.	3.5	76
12	The many roles of small RNAs in leaf development. <i>Journal of Genetics and Genomics</i> , 2010, 37, 13-21.	1.7	66
13	Next-generation sequencing and systematics: What can a billion base pairs of DNA sequence data do for you?. <i>Taxon</i> , 2011, 60, 1552-1566.	0.4	64
14	Macro effects of microRNAs in plants. <i>Trends in Genetics</i> , 2003, 19, 13-16.	2.9	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. <i>American Journal of Botany</i> , 2020, 107, 1710-1735.	0.8	51
16	Signaling Sides. <i>Current Topics in Developmental Biology</i> , 2010, 91, 141-168.	1.0	49
17	Plant stem cells: divergent pathways and common themes in shoots and roots. <i>Current Opinion in Genetics and Development</i> , 2003, 13, 551-557.	1.5	46
18	The Limits of Hyb-Seq for Herbarium Specimens: Impact of Preservation Techniques. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	45

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19	Population history and seed dispersal in widespread Central American <i>Begonia</i> species (Begoniaceae) inferred from plastome-derived microsatellite markers. <i>Botanical Journal of the Linnean Society</i> , 2013, 171, 260-276.	0.8	40
20	First steps in studying the origins of secondary woodiness in <i>Begonia</i> (Begoniaceae): combining anatomy, phylogenetics, and stem transcriptomics. <i>Biological Journal of the Linnean Society</i> , 2016, 117, 121-138.	0.7	30
21	Maintenance of species boundaries in a Neotropical radiation of <i>Begonia</i> . <i>Molecular Ecology</i> , 2015, 24, 4982-4993.	2.0	29
22	<i>In Situ</i> 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 morphological and DNA-based methods fall short: <i>Inga</i> as a case study. <i>New Phytologist</i> , 2018, 218, 847-858.	3.5	25
24	A complex case of simple leaves: indeterminate leaves co-express ARP and KNOX1 genes. <i>Development Genes and Evolution</i> , 2010, 220, 25-40.	0.4	22
25	Macroevolutionary patterns in overexpression of tyrosine: An anti-herbivore defence in a speciose tropical tree genus, <i>Inga</i> (Fabaceae). <i>Journal of Ecology</i> , 2019, 107, 1620-1632.	1.9	21
26	Tracking of Host Defenses and Phylogeny During the Radiation of Neotropical <i>Inga</i> -Feeding Sawflies (Hymenoptera; Argidae). <i>Frontiers in Plant Science</i> , 2018, 9, 1237.	1.7	19
27	Genomes shed light on the evolution of <i>Begonia</i> , a mega-diverse genus. <i>New Phytologist</i> , 2022, 234, 295-310.	3.5	18
28	Transcriptome mining for phylogenetic markers in a recently radiated genus of tropical plants ( <i>Renealmia</i> L.f., Zingiberaceae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 119, 13-24.	1.2	13
29	Developmental genetics of the angiosperm leaf. <i>Advances in Botanical Research</i> , 2002, 38, 191-234.	0.5	12
30	Comparative Analysis of <i>Begonia</i> Plastid Genomes and Their Utility for Species-Level Phylogenetics. <i>PLoS ONE</i> , 2016, 11, e0153248.	1.1	12
31	Development and Characterization of Microsatellite Markers for Central American <i>Begonia</i> sect. <i>Cireoudia</i> (Begoniaceae). <i>Applications in Plant Sciences</i> , 2013, 1, 1200499.	0.8	7
32	Ultrastructure and development of non-contiguous stomatal clusters and helicocytic patterning in <i>Begonia</i> . <i>Annals of Botany</i> , 2018, 122, 767-776.	1.4	7
33	Multi-tissue transcriptome analysis of two <i>Begonia</i> species reveals dynamic patterns of evolution in the chalcone synthase gene family. <i>Scientific Reports</i> , 2021, 11, 17773.	1.6	6
34	YABBY genes in plants. <i>Trends in Genetics</i> , 1999, 15, 260.	2.9	1
35	The evolution of sex ratio differences and inflorescence architectures in <i>Begonia</i> (Begoniaceae). <i>American Journal of Botany</i> , 2014, 101, 308-317.	0.8	1
36	Untwisting RNAs in plant development. <i>Trends in Genetics</i> , 2000, 16, 68.	2.9	0

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37	Initiating interference. Trends in Genetics, 2001, 17, 129.	2.9	0