Michael Lenhard

List of Publications by Year
in descending order

46 papers	2,856 citations	257450 24 h-index	223800 46 g-index
143 all docs	143 docs citations	143 times ranked	3304 citing authors

#	Article	IF	Citations
1	Control of Plant Organ Size by KLUH/CYP78A5-Dependent Intercellular Signaling. Developmental Cell, 2007, 13, 843-856.	7.0	334
2	The selfing syndrome: a model for studying the genetic and evolutionary basis of morphological adaptation in plants. Annals of Botany, 2011, 107, 1433-1443.	2.9	319
3	The E3 Ubiquitin Ligase BIG BROTHER Controls Arabidopsis Organ Size in a Dosage-Dependent Manner. Current Biology, 2006, 16, 272-279.	3.9	310
4	The<i>WUSCHEL</i>and<i>SHOOTMERISTEMLESS</i>genes fulfil complementary roles in<i>Arabidopsis</i>shoot meristem regulation. Development (Cambridge), 2002, 129, 3195-3206.	2.5	279
5	Control of Organ Size in Plants. Current Biology, 2012, 22, R360-R367.	3.9	162
6	Regulation of plant lateral-organ growth by modulating cell number and size. Current Opinion in Plant Biology, 2014, 17, 36-42.	7.1	129
7	Repeated Evolutionary Changes of Leaf Morphology Caused by Mutations to a Homeobox Gene. Current Biology, 2014, 24, 1880-1886.	3.9	105
8	The draft genome of Primula veris yields insights into the molecular basis of heterostyly. Genome Biology, 2015, 16, 12.	8.8	96
9	KLUH/CYP78A5-Dependent Growth Signaling Coordinates Floral Organ Growth in Arabidopsis. Current Biology, 2010, 20, 527-532.	3.9	95
10	Presence versus absence of CYP734A50 underlies the style-length dimorphism in primroses. ELife, 2016, 5, .	6.0	86
11	Divergent sorting of a balanced ancestral polymorphism underlies the establishment of gene-flow barriers in Capsella. Nature Communications, 2015, 6, 7960.	12.8	81
12	Size Control in Plantsâ€"Lessons from Leaves and Flowers. Cold Spring Harbor Perspectives in Biology, 2015, 7, a019190.	5.5	71
13	Genetics, Evolution, and Adaptive Significance of the Selfing Syndrome in the Genus<i>Capsella</i>Â Â. Plant Cell, 2011, 23, 3156-3171.	6.6	66
14	Genetic control of plant organ growth. New Phytologist, 2011, 191, 319-333.	7.3	62
15	A short story gets longer: recent insights into the molecular basis of heterostyly. Journal of Experimental Botany, 2017, 68, 5719-5730.	4.8	52
16	Standing genetic variation in a tissue-specific enhancer underlies selfing-syndrome evolution in <i>Capsella</i>. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13911-13916.	7.1	50
17	Repeated Inactivation of the First Committed Enzyme Underlies the Loss of Benzaldehyde Emission after the Selfing Transition in Capsella. Current Biology, 2016, 26, 3313-3319.	3.9	43
18	Supergene evolution via stepwise duplications and neofunctionalization of a floral-organ identity gene. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23148-23157.	7.1	42

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19	Fruit shape diversity in the Brassicaceae is generated by varying patterns of anisotropy. Development (Cambridge), 2016, 143, 3394-3406.	2.5	41
20	Atkinesin-13A Modulates Cell-Wall Synthesis and Cell Expansion in Arabidopsis thaliana via the THESEUS1 Pathway. PLoS Genetics, 2014, 10, e1004627.	3.5	40
21	The INDETERMINATE DOMAIN Protein BROAD LEAF1 Limits Barley Leaf Width by Restricting Lateral Proliferation. Current Biology, 2016, 26, 903-909.	3.9	37
22	Target specificity among canonical nuclear poly(A) polymerases in plants modulates organ growth and pathogen response. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13994-13999.	7.1	36
23	Arabidopsis poly(A) polymerase <scp>PAPS</scp>1 limits founderâ€cell recruitment to organ primordia and suppresses the salicylic acidâ€independent immune response downstream of <scp>EDS</scp>1/<scp>PAD</scp>4. Plant Journal, 2014, 77, 688-699.	5.7	36
24	The Tinkerbell (Tink) Mutation Identifies the Dual-Specificity MAPK Phosphatase INDOLE-3-BUTYRIC ACID-RESPONSE5 (IBR5) as a Novel Regulator of Organ Size in Arabidopsis. PLoS ONE, 2015, 10, e0131103.	2.5	30
25	Adaptive reduction of male gamete number in the selfing plant Arabidopsis thaliana. Nature Communications, 2020, 11, 2885.	12.8	27
26	Comparative Genomics Elucidates the Origin of a Supergene Controlling Floral Heteromorphism. Molecular Biology and Evolution, 2022, 39, .	8.9	27
27	Female self-incompatibility type in heterostylous Primula is determined by the brassinosteroid-inactivating cytochrome P450 CYP734A50. Current Biology, 2022, 32, 671-676.e5.	3.9	25
28	Mapping-by-Sequencing via MutMap Identifies a Mutation in ZmCLE7 Underlying Fasciation in a Newly Developed EMS Mutant Population in an Elite Tropical Maize Inbred. Genes, 2020, 11, 281.	2.4	21
29	KLUH/CYP78A5promotes organ growth without affecting the size of the early primordium. Plant Signaling and Behavior, 2010, 5, 982-984.	2.4	18
30	Variation in Splicing Efficiency Underlies Morphological Evolution in Capsella. Developmental Cell, 2018, 44, 192-203.e5.	7.0	17
31	Genome-Wide Analysis of PAPS1-Dependent Polyadenylation Identifies Novel Roles for Functionally Specialized Poly(A) Polymerases in Arabidopsis thaliana. PLoS Genetics, 2015, 11, e1005474.	3.5	17
32	Antagonistic control of flowering time by functionally specialized poly(A) polymerases in <i>Arabidopsis thaliana</i>. Plant Journal, 2016, 88, 570-583.	5.7	15
33	Compensatory mechanisms to climate change in the widely distributed species <i>Silene vulgaris</i>. Journal of Ecology, 2019, 107, 1918-1930.	4.0	14
34	Retracing the molecular basis and evolutionary history of the loss of benzaldehyde emission in the genus Capsella. New Phytologist, 2019, 224, 1349-1360.	7.3	12
35	The poly(A) polymerase <scp>PAPS</scp>1 interacts with the <scp>RNA</scp>â€directed <scp>DNA</scp>â€methylation pathway in sporophyte and pollen development. Plant Journal, 2019, 99, 655-672.	5.7	12
36	Establishment of the Embryonic Shoot Meristem Involves Activation of Two Classes of Genes with Opposing Functions for Meristem Activities. International Journal of Molecular Sciences, 2020, 21, 5864.	4.1	10

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37	Suppression of class I compensated cell enlargement by xs2Âmutation is mediated by salicylic acid signaling. PLoS Genetics, 2020, 16, e1008873.	3.5	10
38	Capsella. Current Biology, 2018, 28, R920-R921.	3.9	6
39	Say it with double flowers. Journal of Experimental Botany, 2020, 71, 2469-2471.	4.8	6
40	All's Well that Ends Well: Arresting Cell Proliferation in Leaves. Developmental Cell, 2012, 22, 9-11.	7.0	4
41	Plant Development: Keeping on the Straight and Narrow and Flat. Current Biology, 2017, 27, R1277-R1280.	3.9	3
42	Fairy circles in Namibia are assembled from genetically distinct grasses. Communications Biology, 2020, 3, 698.	4.4	3
43	Shape and form in plant development. Seminars in Cell and Developmental Biology, 2018, 79, 1-2.	5.0	2
44	Plant Growth: Jogging the Cell Cycle with JAG. Current Biology, 2012, 22, R838-R840.	3.9	1
45	A high-throughput amplicon-based method for estimating outcrossing rates. Plant Methods, 2019, 15, 47.	4.3	1
46	Exiting Already? Molecular Control of Cell-Proliferation Arrest in Leaves: Cutting Edge. Molecular Plant, 2017, 10, 909-911.	8.3	0