

Michael Lenhard

List of Publications by Year in descending order

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Version: 2024-02-01

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	Female self-incompatibility type in heterostylous <i>Primula</i> is determined by the brassinosteroid-inactivating cytochrome P450 CYP734A50. <i>Current Biology</i> , 2022, 32, 671-676.e5.	3.9	25
2	Comparative Genomics Elucidates the Origin of a Supergene Controlling Floral Heteromorphism. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	27
3	Supergene evolution via stepwise duplications and neofunctionalization of a floral-organ identity gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23148-23157.	7.1	42
4	Establishment of the Embryonic Shoot Meristem Involves Activation of Two Classes of Genes with Opposing Functions for Meristem Activities. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5864.	4.1	10
5	Fairy circles in Namibia are assembled from genetically distinct grasses. <i>Communications Biology</i> , 2020, 3, 698.	4.4	3
6	Adaptive reduction of male gamete number in the selfing plant <i>Arabidopsis thaliana</i> . <i>Nature Communications</i> , 2020, 11, 2885.	12.8	27
7	Say it with double flowers. <i>Journal of Experimental Botany</i> , 2020, 71, 2469-2471.	4.8	6
8	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. <i>Genes</i> , 2020, 11, 281.	2.4	21
9	Suppression of class I compensated cell enlargement by xs2 mutation is mediated by salicylic acid signaling. <i>PLoS Genetics</i> , 2020, 16, e1008873.	3.5	10
10	Retracing the molecular basis and evolutionary history of the loss of benzaldehyde emission in the genus <i>Capsella</i> . <i>New Phytologist</i> , 2019, 224, 1349-1360.	7.3	12
11	Compensatory mechanisms to climate change in the widely distributed species <i>Silene vulgaris</i> . <i>Journal of Ecology</i> , 2019, 107, 1918-1930.	4.0	14
12	A high-throughput amplicon-based method for estimating outcrossing rates. <i>Plant Methods</i> , 2019, 15, 47.	4.3	1
13	The poly(A) polymerase PAPS1 interacts with the RNA-directed DNA methylation pathway in sporophyte and pollen development. <i>Plant Journal</i> , 2019, 99, 655-672.	5.7	12
14	Shape and form in plant development. <i>Seminars in Cell and Developmental Biology</i> , 2018, 79, 1-2.	5.0	2
15	Variation in Splicing Efficiency Underlies Morphological Evolution in <i>Capsella</i> . <i>Developmental Cell</i> , 2018, 44, 192-203.e5.	7.0	17
16	<i>Capsella</i> . <i>Current Biology</i> , 2018, 28, R920-R921.	3.9	6
17	Exiting Already? Molecular Control of Cell-Proliferation Arrest in Leaves: Cutting Edge. <i>Molecular Plant</i> , 2017, 10, 909-911.	8.3	0
18	Plant Development: Keeping on the Straight and Narrow and Flat. <i>Current Biology</i> , 2017, 27, R1277-R1280.	3.9	3

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19	A short story gets longer: recent insights into the molecular basis of heterostyly. <i>Journal of Experimental Botany</i> , 2017, 68, 5719-5730.	4.8	52
20	Repeated Inactivation of the First Committed Enzyme Underlies the Loss of Benzaldehyde Emission after the Selfing Transition in <i>Capsella</i> . <i>Current Biology</i> , 2016, 26, 3313-3319.	3.9	43
21	Fruit shape diversity in the Brassicaceae is generated by varying patterns of anisotropy. <i>Development (Cambridge)</i> , 2016, 143, 3394-3406.	2.5	41
22	Antagonistic control of flowering time by functionally specialized poly(A) polymerases in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2016, 88, 570-583.	5.7	15
23	Standing genetic variation in a tissue-specific enhancer underlies selfing-syndrome evolution in <i>Capsella</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13911-13916.	7.1	50
24	The INDETERMINATE DOMAIN Protein BROAD LEAF1 Limits Barley Leaf Width by Restricting Lateral Proliferation. <i>Current Biology</i> , 2016, 26, 903-909.	3.9	37
25	Presence versus absence of CYP734A50 underlies the style-length dimorphism in primroses. <i>ELife</i> , 2016, 5, .	6.0	86
26	The Tinkerbelle (Tink) Mutation Identifies the Dual-Specificity MAPK Phosphatase INDOLE-3-BUTYRIC ACID-RESPONSE5 (IBR5) as a Novel Regulator of Organ Size in <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2015, 10, e0131103.	2.5	30
27	Size Control in Plants—Lessons from Leaves and Flowers. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a019190.	5.5	71
28	The draft genome of <i>Primula veris</i> yields insights into the molecular basis of heterostyly. <i>Genome Biology</i> , 2015, 16, 12.	8.8	96
29	Divergent sorting of a balanced ancestral polymorphism underlies the establishment of gene-flow barriers in <i>Capsella</i> . <i>Nature Communications</i> , 2015, 6, 7960.	12.8	81
30	Genome-Wide Analysis of PAPS1-Dependent Polyadenylation Identifies Novel Roles for Functionally Specialized Poly(A) Polymerases in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , 2015, 11, e1005474.	3.5	17
31	Atkinesin-13A Modulates Cell-Wall Synthesis and Cell Expansion in <i>Arabidopsis thaliana</i> via the THESEUS1 Pathway. <i>PLoS Genetics</i> , 2014, 10, e1004627.	3.5	40
32	<i>Arabidopsis</i> poly(A) polymerase PAPS1 limits founder cell recruitment to organ primordia and suppresses the salicylic acid-independent immune response downstream of EDS1/PAD4. <i>Plant Journal</i> , 2014, 77, 688-699.	5.7	36
33	Regulation of plant lateral-organ growth by modulating cell number and size. <i>Current Opinion in Plant Biology</i> , 2014, 17, 36-42.	7.1	129
34	Repeated Evolutionary Changes of Leaf Morphology Caused by Mutations to a Homeobox Gene. <i>Current Biology</i> , 2014, 24, 1880-1886.	3.9	105
35	Target specificity among canonical nuclear poly(A) polymerases in plants modulates organ growth and pathogen response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13994-13999.	7.1	36
36	All's Well that Ends Well: Arresting Cell Proliferation in Leaves. <i>Developmental Cell</i> , 2012, 22, 9-11.	7.0	4

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37	Plant Growth: Jogging the Cell Cycle with JAG. <i>Current Biology</i> , 2012, 22, R838-R840.	3.9	1
38	Control of Organ Size in Plants. <i>Current Biology</i> , 2012, 22, R360-R367.	3.9	162
39	The selfing syndrome: a model for studying the genetic and evolutionary basis of morphological adaptation in plants. <i>Annals of Botany</i> , 2011, 107, 1433-1443.	2.9	319
40	Genetic control of plant organ growth. <i>New Phytologist</i> , 2011, 191, 319-333.	7.3	62
41	Genetics, Evolution, and Adaptive Significance of the Selfing Syndrome in the Genus <i>Capsella</i> . <i>Plant Cell</i> , 2011, 23, 3156-3171.	6.6	66
42	KLUH/CYP78A5-Dependent Growth Signaling Coordinates Floral Organ Growth in Arabidopsis. <i>Current Biology</i> , 2010, 20, 527-532.	3.9	95
43	KLUH/CYP78A5 promotes organ growth without affecting the size of the early primordium. <i>Plant Signaling and Behavior</i> , 2010, 5, 982-984.	2.4	18
44	Control of Plant Organ Size by KLUH/CYP78A5-Dependent Intercellular Signaling. <i>Developmental Cell</i> , 2007, 13, 843-856.	7.0	334
45	The E3 Ubiquitin Ligase BIG BROTHER Controls Arabidopsis Organ Size in a Dosage-Dependent Manner. <i>Current Biology</i> , 2006, 16, 272-279.	3.9	310
46	The <i>WUSCHEL</i> and <i>SHOOTMERISTEMLESS</i> genes fulfil complementary roles in <i>Arabidopsis</i> shoot meristem regulation. <i>Development (Cambridge)</i> , 2002, 129, 3195-3206.	2.5	279