

Isabel Bäurle

List of Publications by Year in descending order

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38
papers

5,520
citations

147566

31
h-index

315357

38
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67
all docs

67
docs citations

67
times ranked

5727
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic regulation of thermomorphogenesis and heat stress tolerance. <i>New Phytologist</i> , 2022, 234, 1144-1160.	3.5	54
2	Inducible epigenome editing probes for the role of histone H3K4 methylation in Arabidopsis heat stress memory. <i>Plant Physiology</i> , 2022, 189, 703-714.	2.3	24
3	Epigenetic regulation of abiotic stress memory: maintaining the good things while they last. <i>Current Opinion in Plant Biology</i> , 2021, 61, 102007.	3.5	70
4	Heteromeric HSFA2/HSFA3 complexes drive transcriptional memory after heat stress in Arabidopsis. <i>Nature Communications</i> , 2021, 12, 3426.	5.8	100
5	FORGETTER2 protein phosphatase and phospholipase D modulate heat stress memory in Arabidopsis. <i>Plant Journal</i> , 2020, 104, 7-17.	2.8	29
6	Chromatin regulation of somatic abiotic stress memory. <i>Journal of Experimental Botany</i> , 2020, 71, 5269-5279.	2.4	59
7	The <i>Arabidopsis</i> epigenetic regulator ICU11 as an accessory protein of Polycomb Repressive Complex 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16660-16666.	3.3	26
8	BRUSHY1/TONSOKU/MGOUN3 is required for heat stress memory. <i>Plant, Cell and Environment</i> , 2019, 42, 771-781.	2.8	65
9	Chromatin-based mechanisms of temperature memory in plants. <i>Plant, Cell and Environment</i> , 2019, 42, 762-770.	2.8	125
10	An H3K27me3 demethylase-HSFA2 regulatory loop orchestrates transgenerational thermomemory in Arabidopsis. <i>Cell Research</i> , 2019, 29, 379-390.	5.7	149
11	Can't remember to forget you: Chromatin-based priming of somatic stress responses. <i>Seminars in Cell and Developmental Biology</i> , 2018, 83, 133-139.	2.3	34
12	Distinct heat shock factors and chromatin modifications mediate the organ's autonomous transcriptional memory of heat stress. <i>Plant Journal</i> , 2018, 95, 401-413.	2.8	99
13	Epigenetic and chromatin-based mechanisms in environmental stress adaptation and stress memory in plants. <i>Genome Biology</i> , 2017, 18, 124.	3.8	534
14	Plant Heat Adaptation: priming in response to heat stress. <i>F1000Research</i> , 2016, 5, 694.	0.8	97
15	Priming and memory of stress responses in organisms lacking a nervous system. <i>Biological Reviews</i> , 2016, 91, 1118-1133.	4.7	388
16	HSFA2 orchestrates transcriptional dynamics after heat stress in <i>Arabidopsis thaliana</i> . <i>Transcription</i> , 2016, 7, 111-114.	1.7	38
17	A heat shock factor governs sustained histone methylation and transcriptional stress memory. <i>EMBO Journal</i> , 2016, 35, 162-175.	3.5	299
18	A JUMONJI Protein with E3 Ligase and Histone H3 Binding Activities Affects Transposon Silencing in Arabidopsis. <i>Plant Physiology</i> , 2016, 171, 344-358.	2.3	18

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19	Arabidopsis FORGETTER1 mediates stress-induced chromatin memory through nucleosome remodeling. <i>ELife</i> , 2016, 5, .	2.8	152
20	Presence versus absence of CYP734A50 underlies the style-length dimorphism in primroses. <i>ELife</i> , 2016, 5, .	2.8	86
21	Get the jump â€“ Do 3â€²UTRs protect transposable elements from silencing?. <i>Mobile Genetic Elements</i> , 2015, 5, 51-54.	1.8	2
22	Epigenetic responses to heat stress at different time scales and the involvement of small RNAs. <i>Plant Signaling and Behavior</i> , 2014, 9, e970430.	1.2	42
23	<i>Arabidopsis miR156</i> Regulates Tolerance to Recurring Environmental Stress through <i>SPL</i> Transcription Factors. <i>Plant Cell</i> , 2014, 26, 1792-1807.	3.1	511
24	eQTL Mapping of Transposon Silencing Reveals a Position-Dependent Stable Escape from Epigenetic Silencing and Transposition of <i>AtMu1</i> in the <i>Arabidopsis</i> Lineage. <i>Plant Cell</i> , 2014, 26, 3261-3271.	3.1	12
25	Genetics, Evolution, and Adaptive Significance of the Selfing Syndrome in the Genus <i>Capsella</i> . <i>Plant Cell</i> , 2011, 23, 3156-3171.	3.1	66
26	RNA 3â€² processing functions of <i>Arabidopsis</i> FCA and FPA limit intergenic transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8508-8513.	3.3	75
27	Altered interactions within FY/AtCPSF complexes required for <i>Arabidopsis</i> FCA-mediated chromatin silencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8772-8777.	3.3	36
28	FRIGIDA Delays Flowering in <i>Arabidopsis</i> via a Cotranscriptional Mechanism Involving Direct Interaction with the Nuclear Cap-Binding Complex. <i>Plant Physiology</i> , 2009, 150, 1611-1618.	2.3	130
29	Differential Interactions of the Autonomous Pathway RRM Proteins and Chromatin Regulators in the Silencing of <i>Arabidopsis</i> Targets. <i>PLoS ONE</i> , 2008, 3, e2733.	1.1	64
30	Widespread Role for the Flowering-Time Regulators FCA and FPA in RNA-Mediated Chromatin Silencing. <i>Science</i> , 2007, 318, 109-112.	6.0	161
31	The <i>Arabidopsis</i> RNA-Binding Protein FCA Requires a Lysine-Specific Demethylase 1 Homolog to Downregulate FLC. <i>Molecular Cell</i> , 2007, 28, 398-407.	4.5	290
32	The Timing of Developmental Transitions in Plants. <i>Cell</i> , 2006, 125, 655-664.	13.5	554
33	Regulation of WUSCHEL Transcription in the Stem Cell Niche of the <i>Arabidopsis</i> Shoot Meristem. <i>Plant Cell</i> , 2005, 17, 2271-2280.	3.1	90
34	Apical meristems: the plant's fountain of youth. <i>BioEssays</i> , 2003, 25, 961-970.	1.2	113
35	The <i>Arabidopsis</i> BODENLOS gene encodes an auxin response protein inhibiting MONOPTEROS-mediated embryo patterning. <i>Genes and Development</i> , 2002, 16, 1610-1615.	2.7	485
36	Interaction of the Response Regulator ARR4 with Phytochrome B in Modulating Red Light Signaling. <i>Science</i> , 2001, 294, 1108-1111.	6.0	299

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37	Arabidopsis phytochromes C and E have different spectral characteristics from those of phytochromes A and B. FEBS Letters, 2000, 470, 107-112.	1.3	78
38	Differential Expression and Nuclear Localization of Response Regulator-Like Proteins from <i>Arabidopsis thaliana</i> ¹ . Plant Biology, 1999, 1, 495-505.	1.8	57