Doris Wagner

List of Publications by Year
in descending order

65 papers	8,423 citations	61945 43 h-index	110317 64 g-index
72 all docs	72 docs citations	72 times ranked	8002 citing authors

#	Article	IF	Citations
1	COP1, an arabidopsis regulatory gene, encodes a protein with both a zinc-binding motif and a GÎ² homologous domain. Cell, 1992, 71, 791-801.	13.5	597
2	The MicroRNA-Regulated SBP-Box Transcription Factor SPL3 Is a Direct Upstream Activator of LEAFY, FRUITFULL, and APETALA1. Developmental Cell, 2009, 17, 268-278.	3.1	509
3	Transcriptional Activation of APETALA1 by LEAFY. Science, 1999, 285, 582-584.	6.0	447
4	SPLAYED, a Novel SWI/SNF ATPase Homolog, Controls Reproductive Development in Arabidopsis. Current Biology, 2002, 12, 85-94.	1.8	424
5	Transcriptional Responses to the Auxin Hormone. Annual Review of Plant Biology, 2016, 67, 539-574.	8.6	396
6	Integration of growth and patterning during vascular tissue formation in <i>Arabidopsis</i>. Science, 2014, 345, 1255215.	6.0	286
7	A Molecular Framework for Auxin-Mediated Initiation of Flower Primordia. Developmental Cell, 2013, 24, 271-282.	3.1	262
8	Histone modifications and dynamic regulation of genome accessibility in plants. Current Opinion in Plant Biology, 2007, 10, 645-652.	3.5	256
9	LEAFY Target Genes Reveal Floral Regulatory Logic, cis Motifs, and a Link to Biotic Stimulus Response. Developmental Cell, 2011, 20, 430-443.	3.1	239
10	Gibberellin Acts Positively Then Negatively to Control Onset of Flower Formation in <i>Arabidopsis</i>. Science, 2014, 344, 638-641.	6.0	239
11	Regulation of Leaf Maturation by Chromatin-Mediated Modulation of Cytokinin Responses. Developmental Cell, 2013, 24, 438-445.	3.1	236
12	Cis and trans determinants of epigenetic silencing by Polycomb repressive complex 2 in Arabidopsis. Nature Genetics, 2017, 49, 1546-1552.	9.4	226
13	ANGUSTIFOLIA3 Binds to SWI/SNF Chromatin Remodeling Complexes to Regulate Transcription during <i>Arabidopsis</i> Leaf Development. Plant Cell, 2014, 26, 210-229.	3.1	219
14	SWI2/SNF2 chromatin remodeling ATPases overcome polycomb repression and control floral organ identity with the LEAFY and SEPALLATA3 transcription factors. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3576-3581.	3.3	199
15	Auxin-regulated chromatin switch directs acquisition of flower primordium founder fate. ELife, 2015, 4, e09269.	2.8	187
16	50Âyears of Arabidopsis research: highlights and future directions. New Phytologist, 2016, 209, 921-944.	3.5	186
17	Genomic identification of direct target genes of LEAFY. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1775-1780.	3.3	185
18	The SWI2/SNF2 Chromatin Remodeling ATPase BRAHMA Represses Abscisic Acid Responses in the Absence of the Stress Stimulus in<i>Arabidopsis</i>Â. Plant Cell, 2013, 24, 4892-4906.	3.1	185

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19	WUSCHEL is a primary target for transcriptional regulation by SPLAYED in dynamic control of stem cell fate in Arabidopsis. Genes and Development, 2005, 19, 992-1003.	2.7	173
20	The LEAFY target LMI1 is a meristem identity regulator and acts together with LEAFY to regulate expression of CAULIFLOWER. Development (Cambridge), 2006, 133, 1673-1682.	1.2	163
21	PROTOCOL: Chromatin Immunoprecipitation from Arabidopsis Tissues. The Arabidopsis Book, 2014, 12, e0170.	0.5	162
22	Unique, Shared, and Redundant Roles for the Arabidopsis SWI/SNF Chromatin Remodeling ATPases BRAHMA and SPLAYED. Plant Cell, 2007, 19, 403-416.	3.1	153
23	Polycomb repression in the regulation of growth and development in Arabidopsis. Current Opinion in Plant Biology, 2015, 23, 15-24.	3.5	153
24	Unwinding chromatin for development and growth: a few genes at a time. Trends in Genetics, 2007, 23, 403-412.	2.9	139
25	Photoresponses of transgenic Arabidopsis seedlings expressing introduced phytochrome B-encoding cDNAs: evidence that phytochrome A and phytochrome B have distinct photoregulatory functions. Plant Journal, 1993, 4, 19-27.	2.8	133
26	The Chromatin Remodeler SPLAYED Regulates Specific Stress Signaling Pathways. PLoS Pathogens, 2008, 4, e1000237.	2.1	129
27	Roles and activities of chromatin remodeling <scp>ATP</scp>ases in plants. Plant Journal, 2015, 83, 62-77.	2.8	126
28	Tug of war: adding and removing histone lysine methylation in Arabidopsis. Current Opinion in Plant Biology, 2016, 34, 41-53.	3.5	121
29	Chromatin regulation of plant development. Current Opinion in Plant Biology, 2003, 6, 20-28.	3.5	111
30	O-GlcNAc-mediated interaction between VER2 and TaGRP2 elicits TaVRN1 mRNA accumulation during vernalization in winter wheat. Nature Communications, 2014, 5, 4572.	5.8	108
31	A role for chromatin remodeling in regulation of CUC gene expression in the Arabidopsis cotyledon boundary. Development (Cambridge), 2006, 133, 3223-3230.	1.2	107
32	A Direct Link between Abscisic Acid Sensing and the Chromatin-Remodeling ATPase BRAHMA via Core ABA Signaling Pathway Components. Molecular Plant, 2016, 9, 136-147.	3.9	100
33	TERMINAL FLOWER 1-FD complex target genes and competition with FLOWERING LOCUS T. Nature Communications, 2020, 11, 5118.	5.8	100
34	LATE MERISTEM IDENTITY2 acts together with LEAFY to activate <i>APETALA1</i>. Development (Cambridge), 2011, 138, 3189-3198.	1.2	80
35	Role of chromatin in water stress responses in plants. Journal of Experimental Botany, 2014, 65, 2785-2799.	2.4	80
36	Mutations in two nonâ€canonical Arabidopsis SWI2/SNF2 chromatin remodeling ATPases cause embryogenesis and stem cell maintenance defects. Plant Journal, 2012, 72, 1000-1014.	2.8	79

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37	Integration of Transcriptional Repression and Polycomb-Mediated Silencing of <i>WUSCHEL</i> in Floral Meristems. Plant Cell, 2019, 31, 1488-1505.	3.1	77
38	Auxin Response Factors promote organogenesis by chromatin-mediated repression of the pluripotency gene SHOOTMERISTEMLESS. Nature Communications, 2019, 10, 886.	5.8	72
39	AINTEGUMENTA and AINTEGUMENTA-LIKE6/PLETHORA3 Induce <i>LEAFY</i> Expression in Response to Auxin to Promote the Onset of Flower Formation in Arabidopsis. Plant Physiology, 2016, 170, 283-293.	2.3	70
40	LEAFY is a pioneer transcription factor and licenses cell reprogramming to floral fate. Nature Communications, 2021, 12, 626.	5.8	68
41	Overexpression of Phytochrome B Induces a Short Hypocotyl Phenotype in Transgenic Arabidopsis. Plant Cell, 1991, 3, 1275.	3.1	63
42	Plant transcription factors â€" being in the right place with the right company. Current Opinion in Plant Biology, 2022, 65, 102136.	3.5	63
43	Developmental transitions: integrating environmental cues with hormonal signaling in the chromatin landscape in plants. Genome Biology, 2017, 18, 88.	3.8	47
44	Floral induction in tissue culture: a system for the analysis of LEAFY-dependent gene regulation. Plant Journal, 2004, 39, 273-282.	2.8	45
45	Molecular regulation of plant developmental transitions and plant architecture via PEPB family proteins: an update on mechanism of action. Journal of Experimental Botany, 2021, 72, 2301-2311.	2.4	43
46	PRC2 activity, recruitment, and silencing: a comparative perspective. Trends in Plant Science, 2021, 26, 1186-1198.	4.3	42
47	Transcriptional programs regulated by both <scp>LEAFY</scp> and <scp>APETALA1</scp> at the time of flower formation. Physiologia Plantarum, 2015, 155, 55-73.	2.6	35
48	Two Small Spatially Distinct Regions of Phytochrome B Are Required for Efficient Signaling Rates. Plant Cell, 1996, 8, 859.	3.1	34
49	The N-terminal ATPase AT-hook-containing region of the Arabidopsis chromatin-remodeling protein SPLAYED is sufficient for biological activity. Plant Journal, 2006, 46, 685-699.	2.8	27
50	LEAFY and Polar Auxin Transport Coordinately Regulate Arabidopsis Flower Development. Plants, 2014, 3, 251-265.	1.6	27
51	Key developmental transitions during flower morphogenesis and their regulation. Current Opinion in Genetics and Development, 2017, 45, 44-50.	1.5	26
52	Plant Inflorescence Architecture: The Formation, Activity, and Fate of Axillary Meristems. Cold Spring Harbor Perspectives in Biology, 2020, 12, a034652.	2.3	26
53	Flower Morphogenesis: Timing Is Key. Developmental Cell, 2009, 16, 621-622.	3.1	25
54	LEAFY controls Arabidopsis pedicel length and orientation by affecting adaxialâ€"abaxial cell fate. Plant Journal, 2012, 69, 844-856.	2.8	25

#	ARTICLE	IF	CITATIONS
55	RNA In Situ Hybridization in Arabidopsis. Methods in Molecular Biology, 2012, 883, 75-86.	0.4	23
56	The stem cellâ€"Chromatin connection. Seminars in Cell and Developmental Biology, 2009, 20, 1143-1148.	2.3	21
57	Identification of Direct Targets of Plant Transcription Factors Using the GR Fusion Technique. Methods in Molecular Biology, 2015, 1284, 123-138.	0.4	18
58	Systematic discovery of novel eukaryotic transcriptional regulators using sequence homology independent prediction. BMC Genomics, 2017, 18, 480.	1.2	12
59	RED1 Is Necessary for Phytochrome B-Mediated Red Light-Specific Signal Transduction in Arabidopsis. Plant Cell, 1997, 9, 731.	3.1	8
60	Switching on Flowers: Transient LEAFY Induction Reveals Novel Aspects of the Regulation of Reproductive Development in Arabidopsis. Frontiers in Plant Science, 2011, 2, 60.	1.7	8
61	Making Flowers at the Right Time. Developmental Cell, 2016, 37, 208-210.	3.1	8
62	Chromatin and Epigenetics. Plant Physiology, 2015, 168, 1185-1188.	2.3	6
63	H2A.Z contributes to trithorax activity at the AGAMOUS locus. Molecular Plant, 2022, 15, 207-210.	3.9	2
64	Editorial overview: Growth and development: Signals and communication in plant pluripotency, differentiation and growth. Current Opinion in Plant Biology, 2016, 29, v-ix.	3.5	0
65	Transcriptional Target Prediction Using Qualitative Reasoning. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0