

# Franziska Turck

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

6,170  
citations

126907

33  
h-index

155660

55  
g-index

63  
all docs

63  
docs citations

63  
times ranked

7078  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality control and evaluation of plant epigenomics data. <i>Plant Cell</i> , 2022, 34, 503-513.	6.6	13
2	Photoperiod-responsive changes in chromatin accessibility in phloem companion and epidermis cells of <i>Arabidopsis</i> leaves. <i>Plant Cell</i> , 2021, 33, 475-491.	6.6	23
3	Information integration and decision making in flowering time control. <i>PLoS ONE</i> , 2020, 15, e0239417.	2.5	3
4	The domesticated transposase ALP2 mediates formation of a novel Polycomb protein complex by direct interaction with MSI1, a core subunit of Polycomb Repressive Complex 2 (PRC2). <i>PLoS Genetics</i> , 2020, 16, e1008681.	3.5	22
5	Title is missing!. , 2020, 16, e1008681.		0
6	Title is missing!. , 2020, 16, e1008681.		0
7	Title is missing!. , 2020, 16, e1008681.		0
8	Title is missing!. , 2020, 16, e1008681.		0
9	Targeted DNA methylation represses two enhancers of FLOWERING LOCUS T in <i>Arabidopsis thaliana</i> . <i>Nature Plants</i> , 2019, 5, 300-307.	9.3	44
10	Telobox motifs recruit CLF/SWN-PRC2 for H3K27me3 deposition via TRB factors in <i>Arabidopsis</i> . <i>Nature Genetics</i> , 2018, 50, 638-644.	21.4	123
11	Molekulare Mechanismen der Datenintegration und Entscheidung zur Einleitung der Reproduktiven Phase in Pflanzen. <i>Lecture Notes in Bioengineering</i> , 2018, , 331-339.	0.4	0
12	AP2 transcription factor CBX1 with a specific function in symbiotic exchange of nutrients in mycorrhizal <i>Lotus japonicus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9239-E9246.	7.1	63
13	Plant H3K27me3 has finally found its readers. <i>Nature Genetics</i> , 2018, 50, 1206-1208.	21.4	5
14	Ctf4-related protein recruits LHP1-PRC2 to maintain H3K27me3 levels in dividing cells in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4833-4838.	7.1	36
15	H2A monoubiquitination in <i>Arabidopsis thaliana</i> is generally independent of LHP1 and PRC2 activity. <i>Genome Biology</i> , 2017, 18, 69.	8.8	71
16	The <i>Arabidopsis</i> Polycomb Repressive Complex 1 (PRC1) Components AtBMI1A, B, and C Impact Gene Networks throughout All Stages of Plant Development. <i>Plant Physiology</i> , 2017, 173, 627-641.	4.8	38
17	Meta-analysis of Genome-Wide Chromatin Data. <i>Methods in Molecular Biology</i> , 2017, 1456, 33-50.	0.9	2
18	Genome-wide mapping of transcriptional enhancer candidates using DNA and chromatin features in maize. <i>Genome Biology</i> , 2017, 18, 137.	8.8	134

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19	The age of multiplexity: recruitment and interactions of Polycomb complexes in plants. <i>Current Opinion in Plant Biology</i> , 2016, 29, 169-178.	7.1	79
20	Complementary Activities of TELOMERE REPEAT BINDING Proteins and Polycomb Group Complexes in Transcriptional Regulation of Target Genes. <i>Plant Cell</i> , 2016, 28, 87-101.	6.6	67
21	Molecular memories in the regulation of seasonal flowering: from competence to cessation. <i>Genome Biology</i> , 2015, 16, 192.	8.8	50
22	The Arabidopsis DNA Polymerase $\delta$ Has a Role in the Deposition of Transcriptionally Active Epigenetic Marks, Development and Flowering. <i>PLoS Genetics</i> , 2015, 11, e1004975.	3.5	36
23	Kicking against the PRCs – A Domesticated Transposase Antagonises Silencing Mediated by Polycomb Group Proteins and Is an Accessory Component of Polycomb Repressive Complex 2. <i>PLoS Genetics</i> , 2015, 11, e1005660.	3.5	68
24	Elevated Levels of MYB30 in the Phloem Accelerate Flowering in Arabidopsis through the Regulation of FLOWERING LOCUS T. <i>PLoS ONE</i> , 2014, 9, e89799.	2.5	30
25	Post-fertilization expression of FLOWERING LOCUS T suppresses reproductive reversion. <i>Frontiers in Plant Science</i> , 2014, 5, 164.	3.6	30
26	<i>miR824</i> Regulated AGAMOUS-LIKE16 Contributes to Flowering Time Repression in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2014, 26, 2024-2037.	6.6	112
27	NATURAL VARIATION IN EPIGENETIC GENE REGULATION AND ITS EFFECTS ON PLANT DEVELOPMENTAL TRAITS. Evolution; <i>International Journal of Organic Evolution</i> , 2014, 68, 620-631.	2.3	38
28	Induced and natural variation of promoter length modulates the photoperiodic response of FLOWERING LOCUS T. <i>Nature Communications</i> , 2014, 5, 4558.	12.8	93
29	VAL- and AtBMI1-Mediated H2Aub Initiate the Switch from Embryonic to Postgerminative Growth in Arabidopsis. <i>Current Biology</i> , 2013, 23, 1324-1329.	3.9	172
30	ATAF1 transcription factor directly regulates abscisic acid biosynthetic gene <i>NCED3</i> in <i>Arabidopsis thaliana</i> . <i>FEBS Open Bio</i> , 2013, 3, 321-327.	2.3	182
31	Mutation identification by direct comparison of whole-genome sequencing data from mutant and wild-type individuals using k-mers. <i>Nature Biotechnology</i> , 2013, 31, 325-330.	17.5	149
32	Multiple loci and genetic interactions involving flowering time genes regulate stem branching among natural variants of Arabidopsis. <i>New Phytologist</i> , 2013, 199, 843-857.	7.3	44
33	Epigenetic Control of Flowering Time. <i>Signaling and Communication in Plants</i> , 2013, , 77-105.	0.7	3
34	<i>DEVELOPMENT-RELATED PcG TARGET IN THE APEX 4</i> controls leaf margin architecture in <i>Arabidopsis thaliana</i> . <i>Development (Cambridge)</i> , 2012, 139, 2566-2575.	2.5	28
35	Fast Isogenic Mapping-by-Sequencing of Ethyl Methanesulfonate-Induced Mutant Bulks. <i>Plant Physiology</i> , 2012, 160, 591-600.	4.8	119
36	Genome-wide Analysis of Cis-regulatory Divergence between Species in the Arabidopsis Genus. <i>Molecular Biology and Evolution</i> , 2012, 29, 3385-3395.	8.9	34

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37	Widespread Interspecific Divergence in Cis-Regulation of Transposable Elements in the Arabidopsis Genus. <i>Molecular Biology and Evolution</i> , 2012, 29, 1081-1091.	8.9	29
38	Natural variation of H3K27me3 distribution between two Arabidopsis accessions and its association with flanking transposable elements. <i>Genome Biology</i> , 2012, 13, R117.	9.6	34
39	When Vernalization Makes Sense. <i>Science</i> , 2011, 331, 36-37.	12.6	17
40	Tissue-Specific Expression of <i>FLOWERING LOCUS T</i> in Arabidopsis Is Maintained Independently of Polycomb Group Protein Repression. <i>Plant Cell</i> , 2011, 23, 3204-3214.	6.6	70
41	Brahma Is Required for Proper Expression of the Floral Repressor FLC in Arabidopsis. <i>PLoS ONE</i> , 2011, 6, e17997.	2.5	50
42	Speeding Cis-Trans Regulation Discovery by Phylogenomic Analyses Coupled with Screenings of an Arrayed Library of Arabidopsis Transcription Factors. <i>PLoS ONE</i> , 2011, 6, e21524.	2.5	78
43	<i>cis</i> -Regulatory Elements and Chromatin State Coordinately Control Temporal and Spatial Expression of <i>FLOWERING LOCUS T</i> in Arabidopsis. <i>Plant Cell</i> , 2010, 22, 1425-1440.	6.6	274
44	Genome-Wide Mapping of Protein-DNA Interaction by Chromatin Immunoprecipitation and DNA Microarray Hybridization (ChIP-chip). Part A: ChIP-chip Molecular Methods. <i>Methods in Molecular Biology</i> , 2010, 631, 139-160.	0.9	29
45	Genome-Wide Mapping of Protein-DNA Interaction by Chromatin Immunoprecipitation and DNA Microarray Hybridization (ChIP-chip). Part B: ChIP-chip Data Analysis. <i>Methods in Molecular Biology</i> , 2010, 631, 161-184.	0.9	9
46	Metaanalysis of ChIP-chip Data. <i>Methods in Molecular Biology</i> , 2010, 631, 185-207.	0.9	2
47	Control of perennial flowering and perenniality in <i>Arabis alpina</i> , a relative of <i>Arabidopsis thaliana</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2009, 153, S195-S196.	1.8	2
48	Unequally redundant RCD1 and SRO1 mediate stress and developmental responses and interact with transcription factors. <i>Plant Journal</i> , 2009, 60, 268-279.	5.7	156
49	PEP1 regulates perennial flowering in <i>Arabis alpina</i> . <i>Nature</i> , 2009, 459, 423-427.	27.8	325
50	From Decision to Commitment: The Molecular Memory of Flowering. <i>Molecular Plant</i> , 2009, 2, 628-642.	8.3	75
51	Regulation and Identity of Florigen: FLOWERING LOCUS T Moves Center Stage. <i>Annual Review of Plant Biology</i> , 2008, 59, 573-594.	18.7	889
52	The impact of chromatin regulation on the floral transition. <i>Seminars in Cell and Developmental Biology</i> , 2008, 19, 560-573.	5.0	69
53	Arabidopsis TFL2/LHP1 Specifically Associates with Genes Marked by Trimethylation of Histone H3 Lysine 27. <i>PLoS Genetics</i> , 2007, 3, e86.	3.5	537
54	CONSTANS and the CCAAT Box Binding Complex Share a Functionally Important Domain and Interact to Regulate Flowering of Arabidopsis. <i>Plant Cell</i> , 2006, 18, 2971-2984.	6.6	512

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55	The transcription factor FLC confers a flowering response to vernalization by repressing meristem competence and systemic signaling in Arabidopsis. <i>Genes and Development</i> , 2006, 20, 898-912.	5.9	744
56	Arabidopsis TFL2/LHP1 Specifically Associates with Genes Marked by Trimethylation of Histone H3 Lysine 27. <i>PLoS Genetics</i> , 2005, preprint, e86.	3.5	2
57	Stimulus-Dependent, Promoter-Specific Binding of Transcription Factor WRKY1 to Its Native Promoter and the Defense-Related Gene P <sub>ca</sub> PR1-1 in Parsley[W]. <i>Plant Cell</i> , 2004, 16, 2573-2585.	6.6	180
58	Phytohormones Participate in an S6 Kinase Signal Transduction Pathway in Arabidopsis. <i>Plant Physiology</i> , 2004, 134, 1527-1535.	4.8	106
59	A Heat-Sensitive Arabidopsis thaliana Kinase Substitutes for Human p70 s6k Function In Vivo. <i>Molecular and Cellular Biology</i> , 1998, 18, 2038-2044.	2.3	66