

Yuehui He

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

5,727

citations

35

h-index

75

g-index

90

ext. papers

6,998

ext. citations

11.9

avg, IF

6.02

L-index

#	Paper	IF	Citations
62	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	12.6	567
61	Evidence supporting a role of jasmonic acid in Arabidopsis leaf senescence. <i>Plant Physiology</i> , 2002 , 128, 876-84	6.6	521
60	Regulation of flowering time by histone acetylation in Arabidopsis. <i>Science</i> , 2003 , 302, 1751-4	33.3	385
59	Attenuation of FLOWERING LOCUS C activity as a mechanism for the evolution of summer-annual flowering behavior in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 10102-7	11.5	282
58	Epigenetic maintenance of the vernalized state in Arabidopsis thaliana requires LIKE HETEROCHROMATIN PROTEIN 1. <i>Nature Genetics</i> , 2006 , 38, 706-10	36.3	257
57	Role of chromatin modification in flowering-time control. <i>Trends in Plant Science</i> , 2005 , 10, 30-5	13.1	229
56	PAF1-complex-mediated histone methylation of FLOWERING LOCUS C chromatin is required for the vernalization-responsive, winter-annual habit in Arabidopsis. <i>Genes and Development</i> , 2004 , 18, 2774-84	12.6	228
55	Repression of FLOWERING LOCUS C and FLOWERING LOCUS T by the Arabidopsis Polycomb repressive complex 2 components. <i>PLoS ONE</i> , 2008 , 3, e3404	3.7	212
54	Networking senescence-regulating pathways by using Arabidopsis enhancer trap lines. <i>Plant Physiology</i> , 2001 , 126, 707-16	6.6	197
53	A gene encoding an acyl hydrolase is involved in leaf senescence in Arabidopsis. <i>Plant Cell</i> , 2002 , 14, 805-15	11.6	179
52	siRNAs targeting an intronic transposon in the regulation of natural flowering behavior in Arabidopsis. <i>Genes and Development</i> , 2004 , 18, 2873-8	12.6	173
51	Arabidopsis relatives of the human lysine-specific Demethylase1 repress the expression of FWA and FLOWERING LOCUS C and thus promote the floral transition. <i>Plant Cell</i> , 2007 , 19, 2975-87	11.6	172
50	Establishment of the vernalization-responsive, winter-annual habit in Arabidopsis requires a putative histone H3 methyl transferase. <i>Plant Cell</i> , 2005 , 17, 3301-10	11.6	170
49	Arabidopsis FLC clade members form flowering-repressor complexes coordinating responses to endogenous and environmental cues. <i>Nature Communications</i> , 2013 , 4, 1947	17.4	127
48	Chromatin regulation of flowering. <i>Trends in Plant Science</i> , 2012 , 17, 556-62	13.1	125
47	Establishment of the winter-annual growth habit via FRIGIDA-mediated histone methylation at FLOWERING LOCUS C in Arabidopsis. <i>Plant Cell</i> , 2009 , 21, 1733-46	11.6	115
46	Control of the transition to flowering by chromatin modifications. <i>Molecular Plant</i> , 2009 , 2, 554-564	14.4	110

45	Evolutionary conservation of the FLOWERING LOCUS C-mediated vernalization response: evidence from the sugar beet (<i>Beta vulgaris</i>). <i>Genetics</i> , 2007 , 176, 295-307	4	110
44	A cis cold memory element and a trans epigenome reader mediate Polycomb silencing of FLC by vernalization in <i>Arabidopsis</i> . <i>Nature Genetics</i> , 2016 , 48, 1527-1534	36.3	107
43	<i>Arabidopsis</i> COMPASS-like complexes mediate histone H3 lysine-4 trimethylation to control floral transition and plant development. <i>PLoS Genetics</i> , 2011 , 7, e1001330	6	105
42	Repression of the floral transition via histone H2B monoubiquitination. <i>Plant Journal</i> , 2009 , 57, 522-33	6.9	102
41	Embryonic epigenetic reprogramming by a pioneer transcription factor in plants. <i>Nature</i> , 2017 , 551, 124-128	9.2	96
40	Photoperiodic control of the floral transition through a distinct polycomb repressive complex. <i>Developmental Cell</i> , 2014 , 28, 727-36	10.2	95
39	A plant-specific histone H3 lysine 4 demethylase represses the floral transition in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2010 , 62, 663-73	6.9	84
38	Identical promoter elements are involved in regulation of the OPR1 gene by senescence and jasmonic acid in <i>Arabidopsis</i> . <i>Plant Molecular Biology</i> , 2001 , 47, 595-605	4.6	77
37	Epigenetic Environmental Memories in Plants: Establishment, Maintenance, and Reprogramming. <i>Trends in Genetics</i> , 2018 , 34, 856-866	8.5	73
36	<i>Arabidopsis</i> homologs of retinoblastoma-associated protein 46/48 associate with a histone deacetylase to act redundantly in chromatin silencing. <i>PLoS Genetics</i> , 2011 , 7, e1002366	6	67
35	Bidirectionalization of polar promoters in plants. <i>Nature Biotechnology</i> , 2001 , 19, 677-9	44.5	61
34	FRIGIDA establishes a local chromosomal environment for FLOWERING LOCUS C mRNA production. <i>Nature Plants</i> , 2018 , 4, 836-846	11.5	58
33	Photoperiodic regulation of flowering time through periodic histone deacetylation of the florigen gene FT. <i>PLoS Biology</i> , 2013 , 11, e1001649	9.7	56
32	Polycomb-mediated gene silencing by the BAH-EMF1 complex in plants. <i>Nature Genetics</i> , 2018 , 50, 1254-1261	36.5	52
31	PRC2 recruitment and H3K27me3 deposition at require FCA binding of. <i>Science Advances</i> , 2019 , 5, eaau7246	7.4	49
30	A novel zinc-finger protein with a proline-rich domain mediates ABA-regulated seed dormancy in <i>Arabidopsis</i> . <i>Plant Molecular Biology</i> , 2004 , 54, 1-9	4.6	49
29	Experiencing winter for spring flowering: A molecular epigenetic perspective on vernalization. <i>Journal of Integrative Plant Biology</i> , 2020 , 62, 104-117	8.3	36
28	Brassinosteroid Signaling Recruits Histone 3 Lysine-27 Demethylation Activity to FLOWERING LOCUS C Chromatin to Inhibit the Floral Transition in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2018 , 11, 1135-1146	14.4	35

27	A matrix protein silences transposons and repeats through interaction with retinoblastoma-associated proteins. <i>Current Biology</i> , 2013 , 23, 345-50	6.3	34
26	Ramanome technology platform for label-free screening and sorting of microbial cell factories at single-cell resolution. <i>Biotechnology Advances</i> , 2019 , 37, 107388	17.8	33
25	The NUCLEAR FACTOR-CONSTANS complex antagonizes Polycomb repression to de-repress FLOWERING LOCUS T expression in response to inductive long days in Arabidopsis. <i>Plant Journal</i> , 2018 , 95, 17-29	6.9	33
24	Embryonic resetting of the parental vernalized state by two B3 domain transcription factors in Arabidopsis. <i>Nature Plants</i> , 2019 , 5, 424-435	11.5	31
23	A histone H3 lysine-27 methyltransferase complex represses lateral root formation in Arabidopsis thaliana. <i>Molecular Plant</i> , 2014 , 7, 977-988	14.4	31
22	Label-free, simultaneous quantification of starch, protein and triacylglycerol in single microalgal cells. <i>Biotechnology for Biofuels</i> , 2017 , 10, 275	7.8	30
21	Coupling of histone methylation and RNA processing by the nuclear mRNA cap-binding complex. <i>Nature Plants</i> , 2016 , 2, 16015	11.5	21
20	HISTONE DEACETYLASE 9 Functions with Polycomb Silencing to Repress Expression. <i>Plant Physiology</i> , 2020 , 182, 555-565	6.6	21
19	Roles of Brassinosteroids in Plant Reproduction. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	20
18	Feedback Regulation of FLC by FLOWERING LOCUS T (FT) and FD through a 5FLC Promoter Region in Arabidopsis. <i>Molecular Plant</i> , 2019 , 12, 285-288	14.4	17
17	Maternal transmission of the epigenetic memory of winter cold in Arabidopsis. <i>Nature Plants</i> , 2020 , 6, 1211-1218	11.5	16
16	Genetic and Epigenetic Understanding of the Seasonal Timing of Flowering. <i>Plant Communications</i> , 2020 , 1, 100008	9	14
15	Arabidopsis PEAPODs function with LIKE HETEROCHROMATIN PROTEIN1 to regulate lateral organ growth. <i>Journal of Integrative Plant Biology</i> , 2020 , 62, 812-831	8.3	9
14	Structural insights into the multivalent binding of the Arabidopsis FLOWERING LOCUS T promoter by the CO-NF-Y master transcription factor complex. <i>Plant Cell</i> , 2021 , 33, 1182-1195	11.6	8
13	SIN3 LIKE genes mediate long-day induction of flowering but inhibit the floral transition in short days through histone deacetylation in Arabidopsis. <i>Plant Journal</i> , 2019 , 100, 101-113	6.9	7
12	Foxtail mosaic virus-induced flowering assays in monocot crops. <i>Journal of Experimental Botany</i> , 2020 , 71, 3012-3023	7	6
11	Genome engineering of Nannochloropsis with hundred-kilobase fragment deletions by Cas9 cleavages. <i>Plant Journal</i> , 2021 , 106, 1148-1162	6.9	6
10	JASMONATE-ZIM DOMAIN proteins engage Polycomb chromatin modifiers to modulate Jasmonate signaling in Arabidopsis. <i>Molecular Plant</i> , 2021 , 14, 732-747	14.4	6

9	Enabling photoperiodic control of flowering by timely chromatin silencing of the florigen gene. <i>Nucleus</i> , 2015 , 6, 179-82	3.9	5
8	Flowering and genome integrity control by a nuclear matrix protein in Arabidopsis. <i>Nucleus</i> , 2013 , 4, 274-6	3.9	5
7	Culture-Free Identification and Metabolic Profiling of Microalgal Single Cells via Ensemble Learning of Ramanomes. <i>Analytical Chemistry</i> , 2021 , 93, 8872-8880	7.8	3
6	TEM1 combinatorially binds to and recruits a Polycomb factor to repress the floral transition in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
5	Actin4 nuclear translocation mediates gonadotropin-releasing hormone stimulation of follicle-stimulating hormone β subunit gene transcription in LH2 cells. <i>FEBS Letters</i> , 2012 , 586, 1466-71	3.8	2
4	: old genes with new roles beyond seed development. <i>F1000Research</i> , 2019 , 8,	3.6	2
3	Molecular Genetic Understanding of Photoperiodic Regulation of Flowering Time in and Soybean.. <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	2
2	Intra-Ramanome Correlation Analysis Unveils Metabolite Conversion Network from an Isogenic Population of Cells. <i>MBio</i> , 2021 , 12, e0147021	7.8	1
1	Exploring a blue-light-sensing transcription factor to double the peak productivity of oil in <i>Nannochloropsis oceanica</i> .. <i>Nature Communications</i> , 2022 , 13, 1664	17.4	0