Yu Yu

List of Publications by Year
in descending order

21	1,256	516710 16	713466 21
papers	citations	h-index	g-index

21	21	21	1582
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prevention of early flowering by expression of FLOWERING LOCUS C requires methylation of histone H3 K36. Nature Cell Biology, 2005, 7, 1256-1260.	10.3	277
2	Arabidopsis AL PHD-PRC1 Complexes Promote Seed Germination through H3K4me3-to-H3K27me3 Chromatin State Switch in Repression of Seed Developmental Genes. PLoS Genetics, 2014, 10, e1004091.	3.5	176
3	The Tobacco A-Type Cyclin, Nicta;CYCA3;2, at the Nexus of Cell Division and Differentiation. Plant Cell, 2003, 15, 2763-2777.	6.6	117
4	H3K36 methylation is critical for brassinosteroidâ€regulated plant growth and development in rice. Plant Journal, 2012, 70, 340-347.	5.7	93
5	Regulation of Arabidopsis Flowering by the Histone Mark Readers MRG1/2 via Interaction with CONSTANS to Modulate FT Expression. PLoS Genetics, 2014, 10, e1004617.	3.5	79
6	SDG2-Mediated H3K4 Methylation Is Required for Proper Arabidopsis Root Growth and Development. PLoS ONE, 2013, 8, e56537.	2.5	69
7	Molecular characterization of the tobacco SET domain protein NtSET1 unravels its role in histone methylation, chromatin binding, and segregation. Plant Journal, 2004, 40, 699-711.	5.7	52
8	H3K4me2 functions as a repressive epigenetic mark in plants. Epigenetics and Chromatin, 2019, 12, 40.	3.9	51
9	SET DOMAIN GROUP 708, a histone H3 lysine 36â€specific methyltransferase, controls flowering time in rice (Oryza sativa). New Phytologist, 2016, 210, 577-588.	7.3	49
10	Plant SETâ€and RINGâ€associated domain proteins in heterochromatinization. Plant Journal, 2007, 52, 914-926.	5.7	48
11	SET DOMAIN GROUP701 encodes a H3K4â€methytransferase and regulates multiple key processes of rice plant development. New Phytologist, 2017, 215, 609-623.	7.3	44
12	MORF-RELATED GENE702, a Reader Protein of Trimethylated Histone H3 Lysine 4 and Histone H3 Lysine 36, Is Involved in Brassinosteroid-Regulated Growth and Flowering Time Control in Rice Â. Plant Physiology, 2015, 168, 1275-1285.	4.8	31
13	Chromatinâ€remodeling factor OsINO80 is involved in regulation of gibberellin biosynthesis and is crucial for rice plant growth and development. Journal of Integrative Plant Biology, 2018, 60, 144-159.	8.5	30
14	An update on histone lysine methylation in plants. Progress in Natural Science: Materials International, 2009, 19, 407-413.	4.4	29
15	The transcription factor OsSUF4 interacts with SDG725 in promoting H3K36me3 establishment. Nature Communications, 2019, 10, 2999.	12.8	29
16	MRG1/2 histone methylation readers and HD2C histone deacetylase associate in repression of the florigen gene FT to set a proper flowering time in response to dayâ€length changes. New Phytologist, 2020, 227, 1453-1466.	7.3	22
17	H3K36 methyltransferase SDG708 enhances drought tolerance by promoting abscisic acid biosynthesis in rice. New Phytologist, 2021, 230, 1967-1984.	7.3	18
18	Molecular characterization of three rice SET-domain proteins. Plant Science, 2007, 172, 1072-1078.	3.6	16

#	Article	IF	Citations
19	SDG714 Regulates Specific Gene Expression and Consequently Affects Plant Growth via H3K9 Dimethylation. Journal of Integrative Plant Biology, 2010, 52, 420-430.	8.5	12
20	Polycombâ€group histone methyltransferase CLF is required for proper somatic recombination in Arabidopsis. Journal of Integrative Plant Biology, 2014, 56, 550-558.	8.5	8
21	Structural studies on MRG701 chromodomain reveal a novel dimerization interface of MRG proteins in green plants. Protein and Cell, 2016, 7, 792-803.	11.0	6