Yu Yu

List of Publications by Year
in descending order

17	1,158	1040056	888059
papers	citations	9 h-index	17 g-index

18	18	18	1336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The â€˜howâ€™ and â€˜whereâ€™ of plant micro<scp>RNA</scp>s. New Phytologist, 2017, 216, 1002-1017.	7.3	409
2	Plant Noncoding RNAs: Hidden Players in Development and Stress Responses. Annual Review of Cell and Developmental Biology, 2019, 35, 407-431.	9.4	228
3	Distinct and Cooperative Activities of HESO1 and URT1 Nucleotidyl Transferases in MicroRNA Turnover in Arabidopsis. PLoS Genetics, 2015, 11, e1005119.	3.5	125
4	Biogenesis of phased siRNAs on membrane-bound polysomes in Arabidopsis. ELife, 2016, 5, .	6.0	104
5	ARGONAUTE10 promotes the degradation of miR165/6 through the SDN1 and SDN2 exonucleases in Arabidopsis. PLoS Biology, 2017, 15, e2001272.	5.6	81
6	The Exosome and Trans-Acting Small Interfering RNAs Regulate Cuticular Wax Biosynthesis during Arabidopsis Inflorescence Stem Development. Plant Physiology, 2015, 167, 323-336.	4.8	51
7	Biogenesis of a 22-nt microRNA in Phaseoleae species by precursor-programmed uridylation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8037-8042.	7.1	46
8	PARylation of the forkheadâ€associated domain protein DAWDLE regulates plant immunity. EMBO Reports, 2016, 17, 1799-1813.	4.5	42
9	Origin, evolution and diversification of plant ARGONAUTE proteins. Plant Journal, 2022, 109, 1086-1097.	5.7	24
10	Comparative ribosome profiling reveals distinct translational landscapes of salt-sensitive and -tolerant rice. BMC Genomics, 2021, 22, 612.	2.8	10
11	Distinct Evolutionary Profiles and Functions of microRNA156 and microRNA529 in Land Plants. International Journal of Molecular Sciences, 2021, 22, 11100.	4.1	8
12	Study on RNAi-based herbicide for Mikania micrantha. Synthetic and Systems Biotechnology, 2021, 6, 437-445.	3.7	7
13	TRANS-ACTING SIRNA3-derived short interfering RNAs confer cleavage of mRNAs in rice. Plant Physiology, 2022, 188, 347-362.	4.8	6
14	Construction of High-Quality Rice Ribosome Footprint Library. Frontiers in Plant Science, 2020, 11, 572237.	3.6	5
15	Mechanism for the genomic and functional evolution of the MIR2118 family in the grass lineage. New Phytologist, 2022, 233, 1915-1930.	7.3	5
16	NAD+-capped RNAs are widespread in rice (Oryza sativa) and spatiotemporally modulated during development. Science China Life Sciences, 2022, 65, 2121-2124.	4.9	4
17	NTP4 modulates miRNA accumulation via asymmetric modification of miRNA/miRNA* duplex. Science China Life Sciences, 2021, 64, 832-835.	4.9	2