

# Yu-Chan Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7474253/publications.pdf>

Version: 2024-02-01

19  
papers

1,937  
citations

471509

17  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide analysis and functional annotation of chromatin-enriched noncoding RNAs in rice during somatic cell regeneration. <i>Genome Biology</i> , 2022, 23, 28.	8.8	13
2	Ubiquitin-dependent Argonaute protein MEL1 degradation is essential for rice sporogenesis and phasiRNA target regulation. <i>Plant Cell</i> , 2021, 33, 2685-2700.	6.6	12
3	The parent-of-origin lncRNA MISSEN regulates rice endosperm development. <i>Nature Communications</i> , 2021, 12, 6525.	12.8	40
4	Transcriptional landscape of pathogen-responsive lncRNAs in rice unveils the role of ALEX1 in jasmonate pathway and disease resistance. <i>Plant Biotechnology Journal</i> , 2020, 18, 679-690.	8.3	87
5	OsmiR528 regulates rice-pollen intine formation by targeting an uclacyanin to influence flavonoid metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 727-732.	7.1	58
6	Reproductive phasiRNAs regulate reprogramming of gene expression and meiotic progression in rice. <i>Nature Communications</i> , 2020, 11, 6031.	12.8	53
7	A Natural Variant of miR397 Mediates a Feedback Loop in Circadian Rhythm. <i>Plant Physiology</i> , 2020, 182, 204-214.	4.8	29
8	Plant Noncoding RNAs: Hidden Players in Development and Stress Responses. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 407-431.	9.4	228
9	The subunit of RNA N6-methyladenosine methyltransferase OsFIP regulates early degeneration of microspores in rice. <i>PLoS Genetics</i> , 2019, 15, e1008120.	3.5	103
10	Grass phasiRNAs and male fertility. <i>Science China Life Sciences</i> , 2018, 61, 148-154.	4.9	24
11	Rice UCL8, a plantacyanin gene targeted by miR408, regulates fertility by controlling pollen tube germination and growth. <i>Rice</i> , 2018, 11, 60.	4.0	18
12	Circular RNAs roll into the regulatory network of plants. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 382-386.	2.1	29
13	Deep sequencing reveals a global reprogramming of lncRNA transcriptome during EMT. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1703-1713.	4.1	18
14	MiR408 Regulates Grain Yield and Photosynthesis via a Phycocyanin Protein. <i>Plant Physiology</i> , 2017, 175, 1175-1185.	4.8	121
15	miRNAs and lncRNAs in reproductive development. <i>Plant Science</i> , 2015, 238, 46-52.	3.6	31
16	Genome-wide screening and functional analysis identify a large number of long noncoding RNAs involved in the sexual reproduction of rice. <i>Genome Biology</i> , 2014, 15, 512.	8.8	475
17	Both endo-siRNAs and tRNA-derived small RNAs are involved in the differentiation of primitive eukaryote <i>Giardia lamblia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14159-14164.	7.1	37
18	Overexpression of microRNA OsmiR397 improves rice yield by increasing grain size and promoting panicle branching. <i>Nature Biotechnology</i> , 2013, 31, 848-852.	17.5	401

#	ARTICLE	IF	CITATIONS
19	Long noncoding RNAs: New regulators in plant development. Biochemical and Biophysical Research Communications, 2013, 436, 111-114.	2.1	160