

Yijun Qi

List of Publications by Year in descending order

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papers

10,021
citations

101543

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all docs

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docs citations

52
times ranked

9426
citing authors

#	ARTICLE	IF	CITATIONS
1	Sorting of Small RNAs into Arabidopsis Argonaute Complexes Is Directed by the 5' Terminal Nucleotide. <i>Cell</i> , 2008, 133, 116-127.	28.9	1,196
2	Criteria for Annotation of Plant MicroRNAs. <i>Plant Cell</i> , 2008, 20, 3186-3190.	6.6	1,158
3	Reconstitution and structure of a plant NLR resistosome conferring immunity. <i>Science</i> , 2019, 364, .	12.6	551
4	DNA Methylation Mediated by a MicroRNA Pathway. <i>Molecular Cell</i> , 2010, 38, 465-475.	9.7	548
5	A Role for Small RNAs in DNA Double-Strand Break Repair. <i>Cell</i> , 2012, 149, 101-112.	28.9	537
6	MicroRNAs and Their Regulatory Roles in Plant-Environment Interactions. <i>Annual Review of Plant Biology</i> , 2019, 70, 489-525.	18.7	454
7	Distinct catalytic and non-catalytic roles of ARGONAUTE4 in RNA-directed DNA methylation. <i>Nature</i> , 2006, 443, 1008-1012.	27.8	416
8	Biochemical Specialization within Arabidopsis RNA Silencing Pathways. <i>Molecular Cell</i> , 2005, 19, 421-428.	9.7	392
9	A complex system of small RNAs in the unicellular green alga <i>Chlamydomonas reinhardtii</i> . <i>Genes and Development</i> , 2007, 21, 1190-1203.	5.9	367
10	Ligand-triggered allosteric ADP release primes a plant NLR complex. <i>Science</i> , 2019, 364, .	12.6	334
11	Rice MicroRNA Effector Complexes and Targets. <i>Plant Cell</i> , 2009, 21, 3421-3435.	6.6	316
12	RNAi in Plants: An Argonaute-Centered View. <i>Plant Cell</i> , 2016, 28, 272-285.	6.6	272
13	Characterization of stress-responsive lncRNAs in <i>Arabidopsis thaliana</i> by integrating expression, epigenetic and structural features. <i>Plant Journal</i> , 2014, 80, 848-861.	5.7	264
14	Kismeth: Analyzer of plant methylation states through bisulfite sequencing. <i>BMC Bioinformatics</i> , 2008, 9, 371.	2.6	238
15	Global identification of Arabidopsis lncRNAs reveals the regulation of MAF4 by a natural antisense RNA. <i>Nature Communications</i> , 2018, 9, 5056.	12.8	233
16	Cytoplasmic Assembly and Selective Nuclear Import of Arabidopsis ARGONAUTE4/siRNA Complexes. <i>Molecular Cell</i> , 2012, 46, 859-870.	9.7	193
17	ROS accumulation and antiviral defence control by microRNAs528 in rice. <i>Nature Plants</i> , 2017, 3, 16203.	9.3	189
18	Viral-inducible Argonaute18 confers broad-spectrum virus resistance in rice by sequestering a host microRNA. <i>ELife</i> , 2015, 4, .	6.0	185

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19	Autophagy functions as an antiviral mechanism against geminiviruses in plants. <i>ELife</i> , 2017, 6, .	6.0	169
20	Ago2 facilitates Rad51 recruitment and DNA double-strand break repair by homologous recombination. <i>Cell Research</i> , 2014, 24, 532-541.	12.0	166
21	An Importin β^2 Protein Negatively Regulates MicroRNA Activity in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2011, 23, 3565-3576.	6.6	149
22	A Dicer-Independent Route for Biogenesis of siRNAs that Direct DNA Methylation in <i>Arabidopsis</i> . <i>Molecular Cell</i> , 2016, 61, 222-235.	9.7	134
23	Roles of DICER-LIKE and ARGONAUTE Proteins in <i>TAS</i> -Derived Small Interfering RNA-Triggered DNA Methylation. <i>Plant Physiology</i> , 2012, 160, 990-999.	4.8	131
24	<i>Arabidopsis</i> ARGONAUTE 1 Binds Chromatin to Promote Gene Transcription in Response to Hormones and Stresses. <i>Developmental Cell</i> , 2018, 44, 348-361.e7.	7.0	121
25	Transcription and processing of primary microRNAs are coupled by Elongator complex in <i>Arabidopsis</i> . <i>Nature Plants</i> , 2015, 1, 15075.	9.3	114
26	Jasmonate Signaling Enhances RNA Silencing and Antiviral Defense in Rice. <i>Cell Host and Microbe</i> , 2020, 28, 89-103.e8.	11.0	107
27	A receptor-like protein acts as a specificity switch for the regulation of stomatal development. <i>Genes and Development</i> , 2017, 31, 927-938.	5.9	97
28	A role for the RNA-binding protein MOS2 in microRNA maturation in <i>Arabidopsis</i> . <i>Cell Research</i> , 2013, 23, 645-657.	12.0	91
29	Phase separation of SERRATE drives dicing body assembly and promotes miRNA processing in <i>Arabidopsis</i> . <i>Nature Cell Biology</i> , 2021, 23, 32-39.	10.3	89
30	Stress-responsive regulation of long non-coding RNA polyadenylation in <i>Oryza sativa</i> . <i>Plant Journal</i> , 2018, 93, 814-827.	5.7	86
31	Chloroplast-to-Nucleus Signaling Regulates MicroRNA Biogenesis in <i>Arabidopsis</i> . <i>Developmental Cell</i> , 2019, 48, 371-382.e4.	7.0	81
32	Regulation of Rice Tillering by RNA-Directed DNA Methylation at Miniature Inverted-Repeat Transposable Elements. <i>Molecular Plant</i> , 2020, 13, 851-863.	8.3	63
33	Structural basis for specific flagellin recognition by the NLR protein NAIP5. <i>Cell Research</i> , 2018, 28, 35-47.	12.0	59
34	21-nt phasiRNAs direct target mRNA cleavage in rice male germ cells. <i>Nature Communications</i> , 2020, 11, 5191.	12.8	56
35	A calmodulin-binding transcription factor links calcium signaling to antiviral RNAi defense in plants. <i>Cell Host and Microbe</i> , 2021, 29, 1393-1406.e7.	11.0	54
36	TRANSPORTIN1 Promotes the Association of MicroRNA with ARGONAUTE1 in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2016, 28, 2576-2585.	6.6	52

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37	An expression atlas of miRNAs in <i>Arabidopsis thaliana</i> . <i>Science China Life Sciences</i> , 2018, 61, 178-189.	4.9	38
38	Geminiviral V2 Protein Suppresses Transcriptional Gene Silencing through Interaction with AGO4. <i>Journal of Virology</i> , 2019, 93, .	3.4	38
39	CMA33/XCT Regulates Small RNA Production through Modulating the Transcription of Dicer-Like Genes in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2015, 8, 1227-1236.	8.3	36
40	Efficient Generation of diRNAs Requires Components in the Posttranscriptional Gene Silencing Pathway. <i>Scientific Reports</i> , 2017, 7, 301.	3.3	34
41	microRNAs in a multicellular green alga <i>Volvox carteri</i> . <i>Science China Life Sciences</i> , 2014, 57, 36-45.	4.9	30
42	Turnip Yellow Mosaic Virus P69 Interacts with and Suppresses GLK Transcription Factors to Cause Pale-Green Symptoms in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2017, 10, 764-766.	8.3	30
43	RNA-directed repair of DNA double-strand breaks. <i>DNA Repair</i> , 2015, 32, 82-85.	2.8	26
44	A Role for MINIYO and QUATRE-QUART2 in the Assembly of RNA Polymerases II, IV, and V in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2018, 30, 466-480.	6.6	24
45	A 5â€² tRNA-Ala-derived small RNA regulates anti-fungal defense in plants. <i>Science China Life Sciences</i> , 2022, 65, 1-15.	4.9	24
46	Geminiviruses employ host DNA glycosylases to subvert DNA methylation-mediated defense. <i>Nature Communications</i> , 2022, 13, 575.	12.8	24
47	IDN2 Interacts with RPA and Facilitates DNA Double-Strand Break Repair by Homologous Recombination in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2017, 29, 589-599.	6.6	19
48	Purification of <i>Arabidopsis</i> Argonaute Complexes and Associated Small RNAs. <i>Methods in Molecular Biology</i> , 2010, 592, 243-254.	0.9	13
49	Global profiling of RNAâ€“chromatin interactions reveals co-regulatory gene expression networks in <i>Arabidopsis</i> . <i>Nature Plants</i> , 2021, 7, 1364-1378.	9.3	13
50	Small RNAs: Emerging key players in DNA double-strand break repair. <i>Science China Life Sciences</i> , 2013, 56, 933-936.	4.9	5
51	Plant non-coding RNAs and epigenetics. <i>Science China Life Sciences</i> , 2018, 61, 135-137.	4.9	5
52	In memory of Professor Biao Ding (1960â€“2015). <i>Journal of Integrative Plant Biology</i> , 2015, 57, 730-731.	8.5	0