

Ge Shan

List of Publications by Citations

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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.

68
papers

4,136
citations

29
h-index

64
g-index

75
ext. papers

5,227
ext. citations

9.2
avg, IF

5.61
L-index

#	Paper	IF	Citations
68	Exon-intron circular RNAs regulate transcription in the nucleus. <i>Nature Structural and Molecular Biology</i> , 2015 , 22, 256-64	17.6	1604
67	Genome-wide identification of SNPs in microRNA genes and the SNP effects on microRNA target binding and biogenesis. <i>Human Mutation</i> , 2012 , 33, 254-63	4.7	284
66	Long Non-coding RNAs in the Cytoplasm. <i>Genomics, Proteomics and Bioinformatics</i> , 2016 , 14, 73-80	6.5	217
65	A small molecule enhances RNA interference and promotes microRNA processing. <i>Nature Biotechnology</i> , 2008 , 26, 933-40	44.5	187
64	Fragile x mental retardation protein regulates proliferation and differentiation of adult neural stem/progenitor cells. <i>PLoS Genetics</i> , 2010 , 6, e1000898	6	177
63	Escherichia coli noncoding RNAs can affect gene expression and physiology of Caenorhabditis elegans. <i>Nature Communications</i> , 2012 , 3, 1073	17.4	102
62	Circular RNAs in Eukaryotic Cells. <i>Current Genomics</i> , 2015 , 16, 312-8	2.6	99
61	What happens at or after transcription: Insights into circRNA biogenesis and function. <i>Transcription</i> , 2015 , 6, 61-4	4.8	85
60	The isolation of an RNA aptamer targeting to p53 protein with single amino acid mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 10002-7	11.5	77
59	U1 snRNP regulates chromatin retention of noncoding RNAs. <i>Nature</i> , 2020 , 580, 147-150	50.4	72
58	Targetable long non-coding RNAs in cancer treatments. <i>Cancer Letters</i> , 2018 , 418, 119-124	9.9	59
57	MicroRNA100 inhibits self-renewal of breast cancer stem-like cells and breast tumor development. <i>Cancer Research</i> , 2014 , 74, 6648-60	10.1	58
56	Insertion of an Alu element in a lncRNA leads to primate-specific modulation of alternative splicing. <i>Nature Structural and Molecular Biology</i> , 2016 , 23, 1011-1019	17.6	57
55	Functions of long noncoding RNAs in the nucleus. <i>Nucleus</i> , 2016 , 7, 155-66	3.9	56
54	RNA interference as a gene knockdown technique. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 1243-51	5.6	50
53	Primate-specific Long Non-coding RNAs and MicroRNAs. <i>Genomics, Proteomics and Bioinformatics</i> , 2017 , 15, 187-195	6.5	45
52	Identification of mecciRNAs and their roles in the mitochondrial entry of proteins. <i>Science China Life Sciences</i> , 2020 , 63, 1429-1449	8.5	45

51	The targeting and functions of miRNA-383 are mediated by FMRP during spermatogenesis. <i>Cell Death and Disease</i> , 2013 , 4, e617	9.8	45
50	CCAR1 5XUTR as a natural miRancer of miR-1254 overrides tamoxifen resistance. <i>Cell Research</i> , 2016 , 26, 655-73	24.7	44
49	Inactivation of expression of several genes in a variety of bacterial species by EGS technology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 8163-8	11.5	41
48	The DEAD-Box RNA Helicase DDX3 Interacts with mA RNA Demethylase ALKBH5. <i>Stem Cells International</i> , 2017 , 2017, 8596135	5	40
47	Come FLY with us: toward understanding fragile X syndrome. <i>Genes, Brain and Behavior</i> , 2005 , 4, 385-92	3.6	39
46	Long noncoding RNA EMS connects c-Myc to cell cycle control and tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 14620-14629	11.5	37
45	LncRNAs in Stem Cells. <i>Stem Cells International</i> , 2016 , 2016, 2681925	5	36
44	Convergent genetic programs regulate similarities and differences between related motor neuron classes in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2005 , 280, 494-503	3.1	30
43	The RNA-binding protein QKI5 regulates primary miR-124-1 processing via a distal RNA motif during erythropoiesis. <i>Cell Research</i> , 2017 , 27, 416-439	24.7	29
42	Defining an evolutionarily conserved role of GW182 in circular RNA degradation. <i>Cell Discovery</i> , 2019 , 5, 45	22.3	29
41	Signals from noncoding RNAs: unconventional roles for conventional pol III transcripts. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 1847-51	5.6	29
40	Roles of NFB-miR-29s-MMP-2 circuitry in experimental choroidal neovascularization. <i>Journal of Neuroinflammation</i> , 2014 , 11, 88	10.1	27
39	Molecular determinants for the distinct pH sensitivity of Kir1.1 and Kir4.1 channels. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 279, C1464-71	5.4	27
38	RNAi pathway participates in chromosome segregation in mammalian cells. <i>Cell Discovery</i> , 2015 , 1, 15029	22.3	25
37	CircRNA in cancer: Fundamental mechanism and clinical potential. <i>Cancer Letters</i> , 2021 , 505, 49-57	9.9	23
36	Convergent Transcriptional Programs Regulate cAMP Levels in <i>C. elegans</i> GABAergic Motor Neurons. <i>Developmental Cell</i> , 2017 , 43, 212-226.e7	10.2	22
35	The physiological function of long-noncoding RNAs. <i>Non-coding RNA Research</i> , 2020 , 5, 178-184	6	22
34	Robustness and backbone motif of a cancer network regulated by miR-17-92 cluster during the G1/S transition. <i>PLoS ONE</i> , 2013 , 8, e57009	3.7	21

33	Comparing two approaches of miR-34a target identification, biotinylated-miRNA pulldown vs miRNA overexpression. <i>RNA Biology</i> , 2018 , 15, 55-61	4.8	18
32	Circular RNAs remain peculiarly unclear in biogenesis and function. <i>Science China Life Sciences</i> , 2015 , 58, 616-8	8.5	18
31	Induction of miR-3648 Upon ER Stress and Its Regulatory Role in Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	17
30	MicroRNAs modulate adaption to multiple abiotic stresses in <i>Chlamydomonas reinhardtii</i> . <i>Scientific Reports</i> , 2016 , 6, 38228	4.9	15
29	Reductions of the components of the calreticulin/calnexin quality-control system by proteasome inhibitors and their relevance in a rodent model of Parkinson's disease. <i>Journal of Neuroscience Research</i> , 2014 , 92, 1319-29	4.4	14
28	Copulation in <i>C. elegans</i> males requires a nuclear hormone receptor. <i>Developmental Biology</i> , 2008 , 322, 11-20	3.1	14
27	Systematic evaluation of <i>C. elegans</i> lincRNAs with CRISPR knockout mutants. <i>Genome Biology</i> , 2019 , 20, 7	18.3	13
26	Circular RNAs from play conserved roles in protection against stress-induced fertility decline. <i>Science Advances</i> , 2020 , 6,	14.3	12
25	LncRNA expression profile of <i>Np63</i> in cervical squamous cancers and its suppressive effects on LIF expression. <i>Cytokine</i> , 2017 , 96, 114-122	4	11
24	Nonradioactive Northern Blot of circRNAs. <i>Methods in Molecular Biology</i> , 2018 , 1724, 135-141	1.4	10
23	Roles of microRNAs in the <i>Caenorhabditis elegans</i> nervous system. <i>Journal of Genetics and Genomics</i> , 2013 , 40, 445-52	4	10
22	Analyses of a Panel of Transcripts Identified From a Small Sample Size and Construction of RNA Networks in Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2019 , 10, 431	4.5	9
21	Noncoding RNAs: Different roles in tumorigenesis. <i>Science Bulletin</i> , 2012 , 57, 959-965		9
20	Loss of miR-83 extends lifespan and affects target gene expression in an age-dependent manner in <i>Caenorhabditis elegans</i> . <i>Journal of Genetics and Genomics</i> , 2018 , 45, 651-662	4	8
19	<i>Np63</i> exerts antitumor functions in cervical squamous cell carcinoma. <i>Oncogene</i> , 2020 , 39, 905-921	9.2	7
18	FXTAS: a bad RNA and a hope for a cure. <i>Expert Opinion on Biological Therapy</i> , 2008 , 8, 249-53	5.4	6
17	Effects of LncRNA Lnc-LIF-AS on cell proliferation, migration and invasion in a human cervical cancer cell line. <i>Cytokine</i> , 2019 , 120, 165-175	4	5
16	Altered expression of microRNAs in the response to ER stress. <i>Science Bulletin</i> , 2015 , 60, 202-209	10.6	5

15	interacts with hnRNPM to inhibit metastasis by modulating alternative splicing in gastric cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
14	Environmental RNA interference in animals. <i>Science Bulletin</i> , 2013 , 58, 4418-4425		4
13	Circular RNAs in physiology and non-immunological diseases. <i>Trends in Biochemical Sciences</i> , 2021 ,	10.3	4
12	Intravenous injection of l-aspartic acid hydroxamate attenuates choroidal neovascularization via anti-VEGF and anti-inflammation. <i>Experimental Eye Research</i> , 2019 , 182, 93-100	3.7	3
11	GRIM-19 Restores Cervical Cancer Cell Senescence by Repressing hTERT Transcription. <i>Journal of Interferon and Cytokine Research</i> , 2016 , 36, 506-15	3.5	3
10	Gawky modulates MTF-1-mediated transcription activation and metal discrimination. <i>Nucleic Acids Research</i> , 2021 , 49, 6296-6314	20.1	3
9	Identification and detection of mecciRNAs. <i>Methods</i> , 2021 , 196, 147-152	4.6	3
8	Mitochondria Encoded Non-coding RNAs in Cell Physiology. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 713729	5.7	3
7	Integrated analysis of mRNA and miRNA expression profiles in <i>Ptychobarbus dipogon</i> and <i>Schizothorax oconnori</i> , insight into genetic mechanisms of high altitude adaptation in the schizothoracine fishes. <i>Gene Reports</i> , 2017 , 9, 74-80	1.4	2
6	The identification of mecciRNAs and their roles in mitochondrial entry of proteins		2
5	Uptake and Reaction of <i>C. elegans</i> to Environmental RNAs 2016 , 117-124		2
4	Long noncoding RNA PM maintains cerebellar synaptic integrity and Cbln1 activation via Pax6/Mll1-mediated H3K4me3. <i>PLoS Biology</i> , 2021 , 19, e3001297	9.7	1
3	Repurposing bortezomib for choroidal neovascularization treatment via antagonizing VEGF-A and PDGF-D mediated signaling. <i>Experimental Eye Research</i> , 2021 , 204, 108446	3.7	0
2	CTCF functions as an insulator for somatic genes and a chromatin remodeler for pluripotency genes during reprogramming.. <i>Cell Reports</i> , 2022 , 39, 110626	10.6	0
1	Chinese worm community made delightful wiggles in Hefei September 6 to September 8, 2013. <i>Science China Life Sciences</i> , 2013 , 56, 1066	8.5	