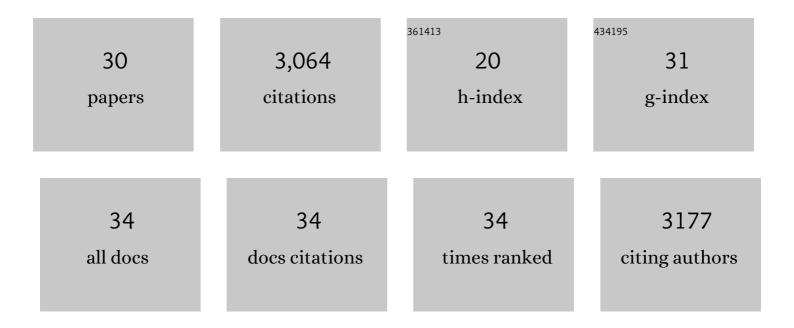
Junchao Shi

List of Publications by Year in descending order

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ΙΠΝΟΗΛΟ ΣΗΙ

#	Article	IF	CITATIONS
1	Exploring the expanding universe of small RNAs. Nature Cell Biology, 2022, 24, 415-423.	10.3	65
2	Cooperation-based sperm clusters mediate sperm oviduct entry and fertilization. Protein and Cell, 2021, 12, 810-817.	11.0	14
3	PANDORA-seq expands the repertoire of regulatory small RNAs by overcoming RNA modifications. Nature Cell Biology, 2021, 23, 424-436.	10.3	115
4	Origins and evolving functionalities of tRNA-derived small RNAs. Trends in Biochemical Sciences, 2021, 46, 790-804.	7.5	81
5	Noncoding RNAs: biology and applications—a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 118-141.	3.8	13
6	Peripheral blood non-canonical small non-coding RNAs as novel biomarkers in lung cancer. Molecular Cancer, 2020, 19, 159.	19.2	36
7	Small RNA modifications in Alzheimer's disease. Neurobiology of Disease, 2020, 145, 105058.	4.4	40
8	Denoising Autoencoder, A Deep Learning Algorithm, Aids the Identification of A Novel Molecular Signature of Lung Adenocarcinoma. Genomics, Proteomics and Bioinformatics, 2020, 18, 468-480.	6.9	18
9	Development of mouse preimplantation embryos in space. National Science Review, 2020, 7, 1437-1446.	9.5	20
10	Sperm RNA code programmes the metabolic health of offspring. Nature Reviews Endocrinology, 2019, 15, 489-498.	9.6	152
11	tsRNAs: The Swiss Army Knife for Translational Regulation. Trends in Biochemical Sciences, 2019, 44, 185-189.	7.5	61
12	Dnmt2 mediates intergenerational transmission of paternally acquired metabolic disorders through sperm small non-coding RNAs. Nature Cell Biology, 2018, 20, 535-540.	10.3	302
13	Potential Diagnostic Power of Blood Circular RNA Expression in Active Pulmonary Tuberculosis. EBioMedicine, 2018, 27, 18-26.	6.1	61
14	Asymmetric Expression of LincGET Biases Cell Fate in Two-Cell Mouse Embryos. Cell, 2018, 175, 1887-1901.e18.	28.9	91
15	Caffeine consumption during early pregnancy impairs oviductal embryo transport, embryonic development and uterine receptivity in miceâ€. Biology of Reproduction, 2018, 99, 1266-1275.	2.7	12
16	SPORTS1.0: A Tool for Annotating and Profiling Non-coding RNAs Optimized for rRNA- and tRNA-derived Small RNAs. Genomics, Proteomics and Bioinformatics, 2018, 16, 144-151.	6.9	102
17	Tracing the origin of heterogeneity and symmetry breaking in the early mammalian embryo. Nature Communications, 2018, 9, 1819.	12.8	72
18	Rat BodyMap transcriptomes reveal unique circular RNA features across tissue types and developmental stages. Rna, 2018, 24, 1443-1456.	3.5	50

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#	Article	IF	CITATIONS
19	Epigenetic information in gametes: Gaming from before fertilization. Physics of Life Reviews, 2017, 20, 146-149.	2.8	3
20	BCAS2 is involved in alternative mRNA splicing in spermatogonia and the transition to meiosis. Nature Communications, 2017, 8, 14182.	12.8	53
21	tsRNAs: new players in mammalian retrotransposon control. Cell Research, 2017, 27, 1307-1308.	12.0	16
22	BTG4 is a key regulator for maternal mRNA clearance during mouse early embryogenesis. Journal of Molecular Cell Biology, 2016, 8, 366-368.	3.3	85
23	Molecular carriers of acquired inheritance: absence of evidence is not evidence of absence. Environmental Epigenetics, 2016, 2, dvw014.	1.8	6
24	Sperm tsRNAs contribute to intergenerational inheritance of an acquired metabolic disorder. Science, 2016, 351, 397-400.	12.6	1,042
25	Senescence of human skin-derived precursors regulated by Akt-FOXO3-p27KIP1/p15INK4b signaling. Cellular and Molecular Life Sciences, 2015, 72, 2949-2960.	5.4	19
26	Dynamic transcriptional symmetry-breaking in pre-implantation mammalian embryo development revealed by single-cell RNA-seq. Development (Cambridge), 2015, 142, 3468-77.	2.5	75
27	Identification and characterization of an ancient class of small RNAs enriched in serum associating with active infection. Journal of Molecular Cell Biology, 2014, 6, 172-174.	3.3	86
28	Uterine Rbpj is required for embryonic-uterine orientation and decidual remodeling via Notch pathway-independent and -dependent mechanisms. Cell Research, 2014, 24, 925-942.	12.0	68
29	Hormonal Regulation of Ovarian Bursa Fluid in Mice and Involvement of Aquaporins. PLoS ONE, 2013, 8, e63823.	2.5	17
30	A novel class of tRNA-derived small RNAs extremely enriched in mature mouse sperm. Cell Research, 2012, 22, 1609-1612.	12.0	287