Li Shen

List of Publications by Year
in descending order

72	9,455	116194 36	93651 72
papers	citations	h-index	g-index

74	74	74	16467
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HMCES safeguards genome integrity and long-term self-renewal of hematopoietic stem cells during stress responses. Leukemia, 2022, 36, 1123-1131.	3.3	5
2	In vivo development and singleâ€cell transcriptome profiling of human brain organoids. Cell Proliferation, 2022, , e13201.	2.4	3
3	Itaconate inhibits TET DNA dioxygenases to dampen inflammatory responses. Nature Cell Biology, 2022, 24, 353-363.	4.6	67
4	Pathological Networks Involving Dysmorphic Neurons in Type II Focal Cortical Dysplasia. Neuroscience Bulletin, 2022, 38, 1007-1024.	1.5	6
5	Singleâ€cell transcriptomics of LepRâ€positive skeletal cells reveals heterogeneous stressâ€dependent stem and progenitor pools. EMBO Journal, 2022, 41, e108415.	3.5	33
6	Nuclear poly(A) binding protein 1 (PABPN1) mediates zygotic genome activation-dependent maternal mRNA clearance during mouse early embryonic development. Nucleic Acids Research, 2022, 50, 458-472.	6.5	13
7	Advances in singleâ€cell sequencing and its application to musculoskeletal system research. Cell Proliferation, 2022, 55, e13161.	2.4	3
8	A non-canonical cGASâ€“STINGâ€“PERK pathway facilitates the translational program critical for senescence and organ fibrosis. Nature Cell Biology, 2022, 24, 766-782.	4.6	84
9	USP16-mediated histone H2A lysine-119 deubiquitination during oocyte maturation is a prerequisite for zygotic genome activation. Nucleic Acids Research, 2022, 50, 5599-5616.	6.5	7
10	Primary surgery followed by selective radiochemotherapy versus conventional preoperative radiochemotherapy for patients with locally advanced rectal cancer with MRI-negative circumferential margin (PSSR): A multicenter, randomized, open-label, noninferiority, phase 3 trial.. Journal of Clinical Oncology, 2022, 40, 3515-3515.	0.8	2
11	NAT10-mediated N4-acetylcytidine modification is required for meiosis entry and progression in male germ cells. Nucleic Acids Research, 2022, 50, 10896-10913.	6.5	20
12	Role of CxxC-finger protein 1 in establishing mouse oocyte epigenetic landscapes. Nucleic Acids Research, 2021, 49, 2569-2582.	6.5	15
13	The CNOT4 Subunit of the CCR4â€NOT Complex is Involved in mRNA Degradation, Efficient DNA Damage Repair, and XY Chromosome Crossover during Male Germ Cell Meiosis. Advanced Science, 2021, 8, 2003636.	5.6	11
14	Genomewide decoupling of H2AK119ub1 and H3K27me3 in early mouse development. Science Bulletin, 2021, 66, 2489-2497.	4.3	9
15	YAP drives fate conversion and chemoresistance of small cell lung cancer. Science Advances, 2021, 7, eabg1850.	4.7	52
16	HSPA13 facilitates NF-ÎºBâ€“mediated transcription and attenuates cell death responses in TNFÎ± signaling. Science Advances, 2021, 7, eabh1756.	4.7	5
17	Relaxed 3D genome conformation facilitates the pluripotent to totipotent-like state transition in embryonic stem cells. Nucleic Acids Research, 2021, 49, 12167-12177.	6.5	22
18	Aurora Kinase A as a Diagnostic and Prognostic Marker of Malignant Mesothelioma. Frontiers in Oncology, 2021, 11, 789244.	1.3	3

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19	SETDB1-Mediated Cell Fate Transition between 2C-Like and Pluripotent States. Cell Reports, 2020, 30, 25-36.e6.	2.9	64
20	Characterization of zygotic genome activation-dependent maternal mRNA clearance in mouse. Nucleic Acids Research, 2020, 48, 879-894.	6.5	75
21	PABPN1L mediates cytoplasmic mRNA decay as a placeholder during the maternalâ€toâ€zygotic transition. EMBO Reports, 2020, 21, e49956.	2.0	40
22	Patterns of recurrence after curative D2 resection for gastric cancer: Implications for postoperative radiotherapy. Cancer Medicine, 2020, 9, 4724-4735.	1.3	10
23	CxxC finger protein 1-mediated histone H3 lysine-4 trimethylation is essential for proper meiotic crossover formation in mice. Development (Cambridge), 2020, 147, .	1.2	13
24	HER2 recruits AKT1 to disrupt STING signalling and suppress antiviral defence and antitumour immunity. Nature Cell Biology, 2019, 21, 1027-1040.	4.6	163
25	Insulin treatment and clinical outcomes in patients with diabetes and heart failure with preserved ejection fraction. European Journal of Heart Failure, 2019, 21, 974-984.	2.9	52
26	ZAR1 and ZAR2 are required for oocyte meiotic maturation by regulating the maternal transcriptome and mRNA translational activation. Nucleic Acids Research, 2019, 47, 11387-11402.	6.5	69
27	Stress-Induced Metabolic Disorder in Peripheral CD4+ T Cells Leads to Anxiety-like Behavior. Cell, 2019, 179, 864-879.e19.	13.5	180
28	ALK phosphorylates SMAD4 on tyrosine to disable TGF-Î² tumour suppressor functions. Nature Cell Biology, 2019, 21, 179-189.	4.6	41
29	<scp>PTPN</scp> 3 acts as a tumor suppressor and boosts <scp>TGF</scp> â€Î² signaling independent of its phosphatase activity. EMBO Journal, 2019, 38, e99945.	3.5	15
30	Accuracy of Magnetic Resonance Imaging in Staging Rectal Cancer with Multidisciplinary Team: A Single-Center Experience. Journal of Cancer, 2019, 10, 6594-6598.	1.2	16
31	Mammalian nucleolar protein DCAF13 is essential for ovarian follicle maintenance and oocyte growth by mediating rRNA processing. Cell Death and Differentiation, 2019, 26, 1251-1266.	5.0	41
32	<scp>CNOT</scp> 6L couples the selective degradation of maternal transcripts to meiotic cell cycle progression in mouse oocyte. EMBO Journal, 2018, 37, .	3.5	97
33	Stereotactic body radiotherapy based treatment for hepatocellular carcinoma with extensive portal vein tumor thrombosis. Radiation Oncology, 2018, 13, 188.	1.2	67
34	Loss of H3K27me3 Imprinting in Somatic Cell Nuclear Transfer Embryos Disrupts Post-Implantation Development. Cell Stem Cell, 2018, 23, 343-354.e5.	5.2	105
35	Telomeric epigenetic response mediated by Gadd45a regulates stem cell aging and lifespan. EMBO Reports, 2018, 19, .	2.0	14
36	Direct Generation of Human Neuronal Cells from Adult Astrocytes by Small Molecules. Stem Cell Reports, 2017, 8, 538-547.	2.3	106

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37	Single-Cell Dynamic Analysis of Mitosis in Haploid Embryonic Stem Cells Shows the Prolonged Metaphase and Its Association with Self-diploidization. Stem Cell Reports, 2017, 8, 1124-1134.	2.3	24
38	Lck/Hck/Fgr-Mediated Tyrosine Phosphorylation Negatively Regulates TBK1 to Restrain Innate Antiviral Responses. Cell Host and Microbe, 2017, 21, 754-768.e5.	5.1	29
39	The Role of N-Î±-acetyltransferase 10 Protein in DNA Methylation and Genomic Imprinting. Molecular Cell, 2017, 68, 89-103.e7.	4.5	36
40	Stabilization of mouse haploid embryonic stem cells with combined kinase and signal modulation. Scientific Reports, 2017, 7, 13222.	1.6	14
41	Dynamic MRI follow-up of radiation encephalopathy in the temporal lobe following nasopharyngeal carcinoma radiotherapy. Oncology Letters, 2017, 14, 715-724.	0.8	15
42	The Molecular Basis of DNA Demethylation. Cancer Drug Discovery and Development, 2017, , 53-73.	0.2	1
43	CFP1 Regulates Histone H3K4 Trimethylation and Developmental Potential in Mouse Oocytes. Cell Reports, 2017, 20, 1161-1172.	2.9	89
44	Changes in c-Kit expression levels during the course of radiation therapy for nasopharyngeal carcinoma. Biomedical Reports, 2016, 5, 437-442.	0.9	1
45	HER2 overexpression reverses the relative resistance of EGFR-mutant H1975 cell line to gefitinib. Oncology Letters, 2016, 12, 5363-5369.	0.8	3
46	Pancreatic cancer adjuvant radiotherapy target volume design: based on the postoperative local recurrence spatial location. Radiation Oncology, 2016, 11, 138.	1.2	11
47	Recurrence patterns in patients with high-grade glioma following temozolomide-based chemoradiotherapy. Molecular and Clinical Oncology, 2016, 5, 289-294.	0.4	26
48	Serum-Based Culture Conditions Provoke Gene Expression Variability in Mouse Embryonic Stem Cells as Revealed by Single-Cell Analysis. Cell Reports, 2016, 14, 956-965.	2.9	73
49	Chemosensitization and radiosensitization of a lung cancer cell line A549 induced by a composite polymer micelle. Discovery Medicine, 2016, 22, 7-17.	0.5	6
50	Haploinsufficiency, but Not Defective Paternal 5mC Oxidation, Accounts for the Developmental Defects of Maternal Tet3 Knockouts. Cell Reports, 2015, 10, 463-470.	2.9	38
51	Role of Tet1 and 5-hydroxymethylcytosine in cocaine action. Nature Neuroscience, 2015, 18, 536-544.	7.1	160
52	Single-base resolution analysis of active DNA demethylation using methylase-assisted bisulfite sequencing. Nature Biotechnology, 2014, 32, 1231-1240.	9.4	139
53	Embryonic Development following Somatic Cell Nuclear Transfer Impeded by Persisting Histone Methylation. Cell, 2014, 159, 884-895.	13.5	382
54	Tet3 and DNA Replication Mediate Demethylation of Both the Maternal and Paternal Genomes in Mouse Zygotes. Cell Stem Cell, 2014, 15, 459-471.	5.2	191

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55	Mechanism and Function of Oxidative Reversal of DNA and RNA Methylation. Annual Review of Biochemistry, 2014, 83, 585-614.	5.0	289
56	ngs.plot: Quick mining and visualization of next-generation sequencing data by integrating genomic databases. BMC Genomics, 2014, 15, 284.	1.2	771
57	Parametric contrast-enhanced ultrasound as an early predictor of radiation-based therapeutic response for lymph node metastases of nasopharyngeal carcinoma. Molecular and Clinical Oncology, 2014, 2, 666-672.	0.4	7
58	Role of Tet1 in erasure of genomic imprinting. Nature, 2013, 504, 460-464.	13.7	199
59	5-Hydroxymethylcytosine: generation, fate, and genomic distribution. Current Opinion in Cell Biology, 2013, 25, 289-296.	2.6	126
60	An Epithelialâ€“Mesenchymal Transition Gene Signature Predicts Resistance to EGFR and PI3K Inhibitors and Identifies Axl as a Therapeutic Target for Overcoming EGFR Inhibitor Resistance. Clinical Cancer Research, 2013, 19, 279-290.	3.2	848
61	Genome-wide Analysis Reveals TET- and TDG-Dependent 5-Methylcytosine Oxidation Dynamics. Cell, 2013, 153, 692-706.	13.5	440
62	Ikbkap/Elp1 Deficiency Causes Male Infertility by Disrupting Meiotic Progression. PLoS Genetics, 2013, 9, e1003516.	1.5	45
63	Dynamics of 5-methylcytosine and 5-hydroxymethylcytosine during germ cell reprogramming. Cell Research, 2013, 23, 329-339.	5.7	152
64	Enzymatic Analysis of Tet Proteins: Key Enzymes in the Metabolism of DNA Methylation. Methods in Enzymology, 2012, 512, 93-105.	0.4	37
65	Tet1 controls meiosis by regulating meiotic gene expression. Nature, 2012, 492, 443-447.	13.7	255
66	AID/APOBEC deaminases disfavor modified cytosines implicated in DNA demethylation. Nature Chemical Biology, 2012, 8, 751-758.	3.9	274
67	Generation and replication-dependent dilution of 5fC and 5caC during mouse preimplantation development. Cell Research, 2011, 21, 1670-1676.	5.7	244
68	Tet Proteins Can Convert 5-Methylcytosine to 5-Formylcytosine and 5-Carboxylcytosine. Science, 2011, 333, 1300-1303.	6.0	2,898
69	A single amino acid substitution confers enhanced methylation activity of mammalian Dnmt3b on chromatin DNA. Nucleic Acids Research, 2010, 38, 6054-6064.	6.5	9
70	EGFR and HER2 expression in primary cervical cancers and corresponding lymph node metastases: Implications for targeted radiotherapy. BMC Cancer, 2008, 8, 232.	1.1	26
71	Syntaxin 1A promotes the endocytic sorting of EAAC1 leading to inhibition of glutamate transport. Journal of Cell Science, 2006, 119, 3776-3787.	1.2	36
72	Inhibition of SNAP-25 Phosphorylation at Ser187 Is Involved in Chronic Morphine-induced Down-regulation of SNARE Complex Formation. Journal of Biological Chemistry, 2004, 279, 40601-40608.	1.6	33