

Xiaohua Shen

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,479
citations

361413

20
h-index

414414

32
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36
docs citations

36
times ranked

6272
citing authors

#	ARTICLE	IF	CITATIONS
1	EZH1 Mediates Methylation on Histone H3 Lysine 27 and Complements EZH2 in Maintaining Stem Cell Identity and Executing Pluripotency. <i>Molecular Cell</i> , 2008, 32, 491-502.	9.7	838
2	Jumonji Modulates Polycomb Activity and Self-Renewal versus Differentiation of Stem Cells. <i>Cell</i> , 2009, 139, 1303-1314.	28.9	398
3	A LINE1-Nucleolin Partnership Regulates Early Development and ESC Identity. <i>Cell</i> , 2018, 174, 391-405.e19.	28.9	381
4	Divergent lncRNAs Regulate Gene Expression and Lineage Differentiation in Pluripotent Cells. <i>Cell Stem Cell</i> , 2016, 18, 637-652.	11.1	358
5	Opposing Roles for the lncRNA <i>Haunt</i> and Its Genomic Locus in Regulating HOXA Gene Activation during Embryonic Stem Cell Differentiation. <i>Cell Stem Cell</i> , 2015, 16, 504-516.	11.1	247
6	U1 snRNP regulates chromatin retention of noncoding RNAs. <i>Nature</i> , 2020, 580, 147-150.	27.8	150
7	Cis- and trans-acting lncRNAs in pluripotency and reprogramming. <i>Current Opinion in Genetics and Development</i> , 2017, 46, 170-178.	3.3	139
8	RNA-dependent chromatin targeting of TET2 for endogenous retrovirus control in pluripotent stem cells. <i>Nature Genetics</i> , 2018, 50, 443-451.	21.4	122
9	Homotypic clustering of L1 and B1/Alu repeats compartmentalizes the 3D genome. <i>Cell Research</i> , 2021, 31, 613-630.	12.0	105
10	Genomic Repeats Categorize Genes with Distinct Functions for Orchestrated Regulation. <i>Cell Reports</i> , 2020, 30, 3296-3311.e5.	6.4	103
11	Tex10 Coordinates Epigenetic Control of Super-Enhancer Activity in Pluripotency and Reprogramming. <i>Cell Stem Cell</i> , 2015, 16, 653-668.	11.1	80
12	RYBP/YAF2-PRC1 complexes and histone H1-dependent chromatin compaction mediate propagation of H2AK119ub1 during cell division. <i>Nature Cell Biology</i> , 2020, 22, 439-452.	10.3	72
13	PRC2 Is Required to Maintain Expression of the Maternal <i>Gtl2-Rian-Mirg</i> Locus by Preventing De Novo DNA Methylation in Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2015, 12, 1456-1470.	6.4	64
14	Phase separation of RNA-binding protein promotes polymerase binding and transcription. <i>Nature Chemical Biology</i> , 2022, 18, 70-80.	8.0	57
15	Mouse knockout models reveal largely dispensable but context-dependent functions of lncRNAs during development. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 175-178.	3.3	48
16	The lncRNA <i>Hand2os1</i> locus orchestrates heart development through regulation of precise expression of <i>Hand2</i> . <i>Development (Cambridge)</i> , 2019, 146, .	2.5	48
17	RNA Targets Ribogenesis Factor WDR43 to Chromatin for Transcription and Pluripotency Control. <i>Molecular Cell</i> , 2019, 75, 102-116.e9.	9.7	43
18	Glimpses of the Epigenetic Landscape. <i>Cell Stem Cell</i> , 2009, 4, 1-2.	11.1	36

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19	Resveratrol prevents endothelial progenitor cells from senescence and reduces the oxidative reaction via PPAR- β /HO-1 pathways. <i>Molecular Medicine Reports</i> , 2016, 14, 5528-5534.	2.4	35
20	Insight into novel RNA-binding activities via large-scale analysis of lncRNA-bound proteome and IDH1-bound transcriptome. <i>Nucleic Acids Research</i> , 2019, 47, 2244-2262.	14.5	29
21	LIN28 coordinately promotes nucleolar/ribosomal functions and represses the 2C-like transcriptional program in pluripotent stem cells. <i>Protein and Cell</i> , 2022, 13, 490-512.	11.0	28
22	DEAD-Box Helicase 18 Counteracts PRC2 to Safeguard Ribosomal DNA in Pluripotency Regulation. <i>Cell Reports</i> , 2020, 30, 81-97.e7.	6.4	25
23	LncRNA <i>Platr22</i> promotes super-enhancer activity and stem cell pluripotency. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 295-313.	3.3	13
24	Noncoding RNAs: biology and applications—a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 118-141.	3.8	13
25	Association of the classification and severity of heart failure with the incidence of contrast-induced acute kidney injury. <i>Scientific Reports</i> , 2021, 11, 15348.	3.3	10
26	Tn5-FISH, a novel cytogenetic method to image chromatin interactions with sub-kilobase resolution. <i>Journal of Genetics and Genomics</i> , 2020, 47, 727-734.	3.9	8
27	A TET1-PSPC1-Neat1 molecular axis modulates PRC2 functions in controlling stem cell bivalency. <i>Cell Reports</i> , 2022, 39, 110928.	6.4	8
28	Stromal cell-derived factor-1 β prevents endothelial progenitor cells senescence and enhances re-endothelialization of injured arteries via human telomerase reverse transcriptase. <i>Cell Biology International</i> , 2015, 39, 962-971.	3.0	6
29	IDH1 fine-tunes cap-dependent translation initiation. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 816-828.	3.3	3
30	Transcriptome-Wide Profiling of Protein-RNA Interactions by Cross-Linking and Immunoprecipitation Mediated by FLAG-Biotin Tandem Purification. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	1
31	Effects of salvianolate on microcirculatory disturbance in patients with stable coronary heart disease: study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 192.	1.6	1
32	Identification of cis-Elements for RNA Subcellular Localization Through REL-seq. <i>Methods in Molecular Biology</i> , 2020, 2161, 143-160.	0.9	1
33	Transcriptome-Wide Mapping of Protein-RNA Interactions. <i>Methods in Molecular Biology</i> , 2020, 2161, 161-173.	0.9	0