

Chunxia Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,426
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

2423
citing authors

#	ARTICLE	IF	CITATIONS
1	m6A modulates haematopoietic stem and progenitor cell specification. <i>Nature</i> , 2017, 549, 273-276.	27.8	436
2	Inflammatory signaling regulates hematopoietic stem and progenitor cell emergence in vertebrates. <i>Blood</i> , 2015, 125, 1098-1106.	1.4	145
3	CD146 acts as a novel receptor for netrin-1 in promoting angiogenesis and vascular development. <i>Cell Research</i> , 2015, 25, 275-287.	12.0	100
4	G protein-coupled receptor 183 facilitates endothelial-to-hematopoietic transition via Notch1 inhibition. <i>Cell Research</i> , 2015, 25, 1093-1107.	12.0	90
5	Endothelial-specific m6A modulates mouse hematopoietic stem and progenitor cell development via Notch signaling. <i>Cell Research</i> , 2018, 28, 249-252.	12.0	84
6	Allelic H3K27me3 to allelic DNA methylation switch maintains noncanonical imprinting in extraembryonic cells. <i>Science Advances</i> , 2019, 5, eaay7246.	10.3	83
7	Wnt5a uses CD146 as a receptor to regulate cell motility and convergent extension. <i>Nature Communications</i> , 2013, 4, 2803.	12.8	70
8	Profiling and functional characterization of maternal mRNA translation during mouse maternal-to-zygotic transition. <i>Science Advances</i> , 2022, 8, eabj3967.	10.3	52
9	The Vascular Niche Regulates Hematopoietic Stem and Progenitor Cell Lodgment and Expansion via <i>klf6a-ccl25b</i> . <i>Developmental Cell</i> , 2017, 42, 349-362.e4.	7.0	50
10	Activation of Smurf E3 Ligase Promoted by Smoothened Regulates Hedgehog Signaling through Targeting Patched Turnover. <i>PLoS Biology</i> , 2013, 11, e1001721.	5.6	42
11	Inhibition of endothelial ERK signalling by Smad1/5 is essential for haematopoietic stem cell emergence. <i>Nature Communications</i> , 2014, 5, 3431.	12.8	40
12	Ncor2 is required for hematopoietic stem cell emergence by inhibiting Fos signaling in zebrafish. <i>Blood</i> , 2014, 124, 1578-1585.	1.4	40
13	Hematopoietic stem cell development and regulatory signaling in zebrafish. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2370-2374.	2.4	33
14	BLOS2 negatively regulates Notch signaling during neural and hematopoietic stem and progenitor cell development. <i>ELife</i> , 2016, 5, .	6.0	32
15	Epigenetic regulation of mouse preimplantation embryo development. <i>Current Opinion in Genetics and Development</i> , 2020, 64, 13-20.	3.3	32
16	Reprogramming of Chromatin Accessibility in Somatic Cell Nuclear Transfer Is DNA Replication Independent. <i>Cell Reports</i> , 2018, 23, 1939-1947.	6.4	30
17	CD146 is required for VEGF-C-induced lymphatic sprouting during lymphangiogenesis. <i>Scientific Reports</i> , 2017, 7, 7442.	3.3	24
18	The chromatin remodeler Snf2h is essential for oocyte meiotic cell cycle progression. <i>Genes and Development</i> , 2020, 34, 166-178.	5.9	21

#	ARTICLE	IF	CITATIONS
19	Liver-Enriched Gene 1, a Glycosylated Secretory Protein, Binds to FGFR and Mediates an Anti-stress Pathway to Protect Liver Development in Zebrafish. PLoS Genetics, 2016, 12, e1005881.	3.5	19
20	RNA methylation regulates hematopoietic stem/progenitor cell specification. Science China Life Sciences, 2018, 61, 610-612.	4.9	3