

Zhigang Lu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,655
citations

394421

19
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

4895
citing authors

#	ARTICLE	IF	CITATIONS
1	A STING-activating nanovaccine for cancer immunotherapy. <i>Nature Nanotechnology</i> , 2017, 12, 648-654.	31.5	649
2	Hypoxia induces heart regeneration in adult mice. <i>Nature</i> , 2017, 541, 222-227.	27.8	566
3	Hypoxia fate mapping identifies cycling cardiomyocytes in the adult heart. <i>Nature</i> , 2015, 523, 226-230.	27.8	284
4	LILRB4 signalling in leukaemia cells mediates T cell suppression and tumour infiltration. <i>Nature</i> , 2018, 562, 605-609.	27.8	172
5	The ITIM-containing receptor LAIR1 is essential for acute myeloid leukaemia development. <i>Nature Cell Biology</i> , 2015, 17, 665-677.	10.3	112
6	Fasting selectively blocks development of acute lymphoblastic leukemia via leptin-receptor upregulation. <i>Nature Medicine</i> , 2017, 23, 79-90.	30.7	101
7	NuRD Blocks Reprogramming of Mouse Somatic Cells into Pluripotent Stem Cells. <i>Stem Cells</i> , 2013, 31, 1278-1286.	3.2	98
8	Receptome profiling identifies KREMEN1 and ASGR1 as alternative functional receptors of SARS-CoV-2. <i>Cell Research</i> , 2022, 32, 24-37.	12.0	98
9	A motif in LILRB2 critical for Angptl2 binding and activation. <i>Blood</i> , 2014, 124, 924-935.	1.4	68
10	Identification and Characterization of Bmi-1-responding Element within the Human p16 Promoter*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33219-33229.	3.4	51
11	Nuclear entry of active caspase-3 is facilitated by its p3-recognition-based specific cleavage activity. <i>Cell Research</i> , 2010, 20, 211-222.	12.0	48
12	Nucleoplasmin regulates chromatin condensation during apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2778-2783.	7.1	45
13	ADCY7 supports development of acute myeloid leukemia. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 47-52.	2.1	42
14	Profilin 1 is essential for retention and metabolism of mouse hematopoietic stem cells in bone marrow. <i>Blood</i> , 2014, 123, 992-1001.	1.4	40
15	Inhibitory leukocyte immunoglobulin-like receptors in cancer development. <i>Science China Life Sciences</i> , 2015, 58, 1216-1225.	4.9	38
16	Angiopoietin-like proteins stimulate HSPC development through interaction with notch receptor signaling. <i>ELife</i> , 2015, 4, .	6.0	30
17	ACER3 supports development of acute myeloid leukemia. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 33-38.	2.1	29
18	CAMKs support development of acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2018, 11, 30.	17.0	26

#	ARTICLE	IF	CITATIONS
19	Oxidative phosphorylation enhances the leukemogenic capacity and resistance to chemotherapy of B cell acute lymphoblastic leukemia. <i>Science Advances</i> , 2021, 7, .	10.3	24
20	LILRB3 supports acute myeloid leukemia development and regulates T-cell antitumor immune responses through the TRAF2-FLIP-NF- κ B signaling axis. <i>Nature Cancer</i> , 2021, 2, 1170-1184.	13.2	23
21	Intratumoral administration of STING-activating nanovaccine enhances T cell immunotherapy. , 2022, 10, e003960.		22
22	Chromatin-bound NLS proteins recruit membrane vesicles and nucleoporins for nuclear envelope assembly via importin- β . <i>Cell Research</i> , 2012, 22, 1562-1575.	12.0	16
23	CHD4/NuRD maintains demethylation state of rDNA promoters through inhibiting the expression of the rDNA methyltransferase recruiter TIP5. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 101-107.	2.1	12
24	NK cell-mediated anti-leukemia cytotoxicity is enhanced using a NKG2D ligand MICA and anti-CD20 scfv chimeric protein. <i>European Journal of Immunology</i> , 2018, 48, 1750-1763.	2.9	7
25	Identification of a DNase activated in <i>Xenopus</i> egg extracts undergoing apoptosis. <i>Science Bulletin</i> , 1998, 43, 522-526.	1.7	6
26	Specific degradation of keratin in <i>Xenopus laevis</i> egg extracts undergoing apoptosis. <i>Science Bulletin</i> , 2000, 45, 1977-1981.	1.7	3
27	Efficient expansion of mouse hematopoietic stem cells ex vivo by membrane anchored Angptl2. <i>Biochemical and Biophysical Research Communications</i> , 2022, 617, 42-47.	2.1	1
28	Rapid senescence induced by overexpression of p53 in NIH3T3 cells. <i>Science Bulletin</i> , 2001, 46, 653-656.	1.7	0
29	Inhibitory Receptor, gp49B1, Is Co-Expressed with c-Kit and Regulates Hematopoiesis during Development. <i>Blood</i> , 2015, 126, 4751-4751.	1.4	0