

Cheng Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3241095/publications.pdf>

Version: 2024-02-01

58
papers

9,984
citations

185998

28
h-index

161609

54
g-index

65
all docs

65
docs citations

65
times ranked

14051
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear peripheral chromatin-lamin B1 interaction is required for global integrity of chromatin architecture and dynamics in human cells. <i>Protein and Cell</i> , 2022, 13, 258-280.	4.8	43
2	Identification of HSC/MPP expansion units in fetal liver by single-cell spatiotemporal transcriptomics. <i>Cell Research</i> , 2022, 32, 38-53.	5.7	48
3	Overcoming resistance to immune checkpoint therapy in PTEN-null prostate cancer by intermittent anti-PI3K \pm /I β treatment. <i>Nature Communications</i> , 2022, 13, 182.	5.8	40
4	Human pluripotent stem-cell-derived islets ameliorate diabetes in non-human primates. <i>Nature Medicine</i> , 2022, 28, 272-282.	15.2	55
5	Chemical reprogramming of human somatic cells to pluripotent stem cells. <i>Nature</i> , 2022, 605, 325-331.	13.7	144
6	Derivation of totipotent-like stem cells with blastocyst-like structure forming potential. <i>Cell Research</i> , 2022, 32, 513-529.	5.7	47
7	Multiomics Analysis Identifies SOCS1 as Restraining T Cell Activation and Preventing Graft-versus-Host Disease. <i>Advanced Science</i> , 2022, 9, e2200978.	5.6	7
8	Spatial density of open chromatin: an effective metric for the functional characterization of topologically associated domains. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	5
9	3D Genome of macaque fetal brain reveals evolutionary innovations during primate corticogenesis. <i>Cell</i> , 2021, 184, 723-740.e21.	13.5	76
10	In vivo chemical reprogramming of astrocytes into neurons. <i>Cell Discovery</i> , 2021, 7, 12.	3.1	46
11	Chemically defined and xeno-free culture condition for human extended pluripotent stem cells. <i>Nature Communications</i> , 2021, 12, 3017.	5.8	16
12	Phase separation of OCT4 controls TAD reorganization to promote cell fate transitions. <i>Cell Stem Cell</i> , 2021, 28, 1868-1883.e11.	5.2	66
13	Transcriptionally inactive hepatitis B virus episome DNA preferentially resides in the vicinity of chromosome 19 in 3D host genome upon infection. <i>Cell Reports</i> , 2021, 35, 109288.	2.9	24
14	Integrative Analysis of Genome, 3D Genome, and Transcriptome Alterations of Clinical Lung Cancer Samples. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 741-753.	3.0	3
15	The hierarchical folding dynamics of topologically associating domains are closely related to transcriptional abnormalities in cancers. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 1684-1693.	1.9	8
16	Establishment of intestinal organoid cultures modeling injury-associated epithelial regeneration. <i>Cell Research</i> , 2021, 31, 259-271.	5.7	54
17	Using Open Chromatin Enrichment and Network Hi-C (OCEAN-C) to Identify Open Chromatin Interactions. <i>Methods in Molecular Biology</i> , 2021, 2351, 211-227.	0.4	0
18	rRNA biogenesis regulates mouse 2C-like state by 3D structure reorganization of peri-nucleolar heterochromatin. <i>Nature Communications</i> , 2021, 12, 6365.	5.8	24

#	ARTICLE	IF	CITATIONS
19	Exogenous artificial DNA forms chromatin structure with active transcription in yeast. <i>Science China Life Sciences</i> , 2021, , 1.	2.3	15
20	The effects of MicroRNA deregulation on pre-RNA processing network in multiple myeloma. <i>Leukemia</i> , 2020, 34, 167-179.	3.3	11
21	Hepatic spheroids derived from human induced pluripotent stem cells in bio-artificial liver rescue porcine acute liver failure. <i>Cell Research</i> , 2020, 30, 95-97.	5.7	44
22	tagHi-C Reveals 3D Chromatin Architecture Dynamics during Mouse Hematopoiesis. <i>Cell Reports</i> , 2020, 32, 108206.	2.9	43
23	Senescence-activated enhancer landscape orchestrates the senescence-associated secretory phenotype in murine fibroblasts. <i>Nucleic Acids Research</i> , 2020, 48, 10909-10923.	6.5	35
24	Single-cell transcriptome profiling reveals neutrophil heterogeneity in homeostasis and infection. <i>Nature Immunology</i> , 2020, 21, 1119-1133.	7.0	380
25	Generation of human hepatocytes from extended pluripotent stem cells. <i>Cell Research</i> , 2020, 30, 810-813.	5.7	22
26	Genome-wide analyses of chromatin interactions after the loss of Pol I, Pol II, and Pol III. <i>Genome Biology</i> , 2020, 21, 158.	3.8	89
27	DeepHiC: A generative adversarial network for enhancing Hi-C data resolution. <i>PLoS Computational Biology</i> , 2020, 16, e1007287.	1.5	56
28	Architectural proteins for the formation and maintenance of the 3D genome. <i>Science China Life Sciences</i> , 2020, 63, 795-810.	2.3	11
29	Cdk1 Controls Global Epigenetic Landscape in Embryonic Stem Cells. <i>Molecular Cell</i> , 2020, 78, 459-476.e13.	4.5	76
30	Elimination of senescent cells by β -galactosidase-targeted prodrug attenuates inflammation and restores physical function in aged mice. <i>Cell Research</i> , 2020, 30, 574-589.	5.7	187
31	Nuclear actin regulates inducible transcription by enhancing RNA polymerase II clustering. <i>Science Advances</i> , 2020, 6, eaay6515.	4.7	81
32	Mixed secondary chromatin structure revealed by modeling radiation-induced DNA fragment length distribution. <i>Science China Life Sciences</i> , 2020, 63, 825-834.	2.3	2
33	In vivo miRNA knockout screening identifies miR-190b as a novel tumor suppressor. <i>PLoS Genetics</i> , 2020, 16, e1009168.	1.5	14
34	DeepHiC: A generative adversarial network for enhancing Hi-C data resolution. , 2020, 16, e1007287.		0
35	DeepHiC: A generative adversarial network for enhancing Hi-C data resolution. , 2020, 16, e1007287.		0
36	DeepHiC: A generative adversarial network for enhancing Hi-C data resolution. , 2020, 16, e1007287.		0

#	ARTICLE	IF	CITATIONS
37	DeepHiC: A generative adversarial network for enhancing Hi-C data resolution. , 2020, 16, e1007287.		0
38	Branched-Chain Amino Acid Metabolic Reprogramming Orchestrates Drug Resistance to EGFR Tyrosine Kinase Inhibitors. Cell Reports, 2019, 28, 512-525.e6.	2.9	59
39	Single-Cell Transcriptomics Reveals Chemotaxis-Mediated Intraorgan Crosstalk During Cardiogenesis. Circulation Research, 2019, 125, 398-410.	2.0	61
40	PCGF6 regulates stem cell pluripotency as a transcription activator via super-enhancer dependent chromatin interactions. Protein and Cell, 2019, 10, 709-725.	4.8	5
41	An enrichment model using regular health examination data for early detection of colorectal cancer. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2019, 31, 686-698.	0.7	5
42	Genetic variant repressing ADH1A expression confers susceptibility to esophageal squamous-cell carcinoma. Cancer Letters, 2018, 421, 43-50.	3.2	16
43	Traditional herbal medicine-derived sulforaphene promotes mitophagic cell death in lymphoma cells through CRM1-mediated p62/SQSTM1 accumulation and AMPK activation. Chemico-Biological Interactions, 2018, 281, 11-23.	1.7	31
44	OCEAN-C: mapping hubs of open chromatin interactions across the genome reveals gene regulatory networks. Genome Biology, 2018, 19, 54.	3.8	47
45	iSeq: Web-Based RNA-seq Data Analysis and Visualization. Methods in Molecular Biology, 2018, 1754, 167-181.	0.4	13
46	Synthetic immunology: T-cell engineering and adoptive immunotherapy. Synthetic and Systems Biotechnology, 2018, 3, 179-185.	1.8	23
47	3D genome and its disorganization in diseases. Cell Biology and Toxicology, 2018, 34, 351-365.	2.4	41
48	Genome and epigenome analysis of monozygotic twins discordant for congenital heart disease. BMC Genomics, 2018, 19, 428.	1.2	43
49	Single-Cell RNA-Seq Reveals Dynamic Early Embryonic-like Programs during Chemical Reprogramming. Cell Stem Cell, 2018, 23, 31-45.e7.	5.2	122
50	Cell-Cycle-Targeting MicroRNAs as Therapeutic Tools against Refractory Cancers. Cancer Cell, 2017, 31, 576-590.e8.	7.7	84
51	Dynamic chromatin accessibility modeled by Markov process of randomly-moving molecules in the 3D genome. Nucleic Acids Research, 2017, 45, e85-e85.	6.5	7
52	GEPIA: a web server for cancer and normal gene expression profiling and interactive analyses. Nucleic Acids Research, 2017, 45, W98-W102.	6.5	7,114
53	Derivation of Pluripotent Stem Cells with In Vivo Embryonic and Extraembryonic Potency. Cell, 2017, 169, 243-257.e25.	13.5	382
54	3D genome of multiple myeloma reveals spatial genome disorganization associated with copy number variations. Nature Communications, 2017, 8, 1937.	5.8	99

#	ARTICLE	IF	CITATIONS
55	Identification of cell cycle-targeting microRNAs through genome-wide screens. <i>Cell Cycle</i> , 2017, 16, 2241-2248.	1.3	7
56	3Disease Browser: A Web server for integrating 3D genome and disease-associated chromosome rearrangement data. <i>Scientific Reports</i> , 2016, 6, 34651.	1.6	32
57	A graphical article-level metric for intuitive comparison of large-scale literatures. <i>Scientometrics</i> , 2016, 106, 41-50.	1.6	2
58	The exon junction complex regulates the splicing of cell polarity gene <i>dlg1</i> to control Wingless signaling in development. <i>ELife</i> , 2016, 5, .	2.8	12