Mo Li

List of Publications by Year
in descending order

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63 papers	5,588 citations	201385 27 h-index	114278 63 g-index
72 all docs	72 docs citations	72 times ranked	9387 citing authors

#	Article	IF	Citations
1	In vivo genome editing via CRISPR/Cas9 mediated homology-independent targeted integration. Nature, 2016, 540, 144-149.	13.7	906
2	InÂVivo Amelioration of Age-Associated Hallmarks by Partial Reprogramming. Cell, 2016, 167, 1719-1733.e12.	13.5	609
3	A Werner syndrome stem cell model unveils heterochromatin alterations as a driver of human aging. Science, 2015, 348, 1160-1163.	6.0	429
4	Endosomal Escape and Delivery of CRISPR/Cas9 Genome Editing Machinery Enabled by Nanoscale Zeolitic Imidazolate Framework. Journal of the American Chemical Society, 2018, 140, 143-146.	6.6	380
5	Progressive degeneration of human neural stem cells caused by pathogenic LRRK2. Nature, 2012, 491, 603-607.	13.7	312
6	Use of the CRISPR/Cas9 system as an intracellular defense against HIV-1 infection in human cells. Nature Communications, 2015, 6, 6413.	5.8	287
7	An alternative pluripotent state confers interspecies chimaeric competency. Nature, 2015, 521, 316-321.	13.7	215
8	Targeted Gene Correction of Laminopathy-Associated LMNA Mutations in Patient-Specific iPSCs. Cell Stem Cell, 2011, 8, 688-694.	5.2	214
9	Organoids â€" Preclinical Models of Human Disease. New England Journal of Medicine, 2019, 380, 569-579.	13.9	212
10	Targeted Gene Correction Minimally Impacts Whole-Genome Mutational Load in Human-Disease-Specific Induced Pluripotent Stem Cell Clones. Cell Stem Cell, 2014, 15, 31-36.	5.2	154
11	3D Culture Supports Long-Term Expansion of Mouse and Human Nephrogenic Progenitors. Cell Stem Cell, 2016, 19, 516-529.	5.2	153
12	Conversion of human fibroblasts to angioblast-like progenitor cells. Nature Methods, 2013, 10, 77-83.	9.0	140
13	Autophagic control of cell â€˜stemnessâ€™. EMBO Molecular Medicine, 2013, 5, 327-331.	3.3	136
14	Ground rules of the pluripotency gene regulatory network. Nature Reviews Genetics, 2017, 18, 180-191.	7.7	131
15	A Cut above the Rest: Targeted Genome Editing Technologies in Human Pluripotent Stem Cells. Journal of Biological Chemistry, 2014, 289, 4594-4599.	1.6	111
16	Navigating the epigenetic landscape of pluripotent stem cells. Nature Reviews Molecular Cell Biology, 2012, 13, 524-535.	16.1	107
17	Modelling Fanconi anemia pathogenesis and therapeutics using integration-free patient-derived iPSCs. Nature Communications, 2014, 5, 4330.	5.8	102
18	Deconstructing the pluripotency gene regulatory network. Nature Cell Biology, 2018, 20, 382-392.	4.6	79

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19	Generation of human blastocyst-like structures from pluripotent stem cells. Cell Discovery, 2021, 7, 81.	3.1	73
20	Integration of CpG-free DNA induces de novo methylation of CpG islands in pluripotent stem cells. Science, 2017, 356, 503-508.	6.0	68
21	DeepSimulator: a deep simulator for Nanopore sequencing. Bioinformatics, 2018, 34, 2899-2908.	1.8	65
22	Cord blood-derived neuronal cells by ectopic expression of Sox2 and c-Myc. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12556-12561.	3.3	64
23	Efficient correction of hemoglobinopathy-causing mutations by homologous recombination in integration-free patient iPSCs. Cell Research, 2011, 21, 1740-1744.	5.7	60
24	A G-Protein-Coupled Neuropeptide Y-Like Receptor Suppresses Behavioral and Sensory Response to Multiple Stressful Stimuli in Drosophila. Journal of Neuroscience, 2010, 30, 2504-2512.	1.7	51
25	Post-translational modulation of pluripotency. Journal of Molecular Cell Biology, 2012, 4, 262-265.	1.5	46
26	Establishment of hepatic and neural differentiation platforms of Wilsonâ€™s disease specific induced pluripotent stem cells. Protein and Cell, 2012, 3, 855-863.	4.8	36
27	DeepSimulator1.5: a more powerful, quicker and lighter simulator for Nanopore sequencing. Bioinformatics, 2020, 36, 2578-2580.	1.8	33
28	Looking to the future following 10 years of induced pluripotent stem cell technologies. Nature Protocols, 2016, 11, 1579-1585.	5.5	31
29	Global DNA methylation and transcriptional analyses of human ESC-derived cardiomyocytes. Protein and Cell, 2014, 5, 59-68.	4.8	26
30	Modulation of Chromatin Boundary Activities by Nucleosome-Remodeling Activities in Drosophila melanogaster. Molecular and Cellular Biology, 2010, 30, 1067-1076.	1.1	25
31	Roles for noncoding RNAs in cell-fate determination and regeneration. Nature Structural and Molecular Biology, 2015, 22, 2-4.	3.6	24
32	A prevalent neglect of environmental control in mammalian cell culture calls for best practices. Nature Biomedical Engineering, 2021, 5, 787-792.	11.6	24
33	Nuclear location of a chromatin insulator in Drosophila melanogaster. Journal of Cell Science, 2004, 117, 1025-1032.	1.2	23
34	Cell fate conversion by mRNA. Stem Cell Research and Therapy, 2011, 2, 5.	2.4	21
35	Mending a Faltering Heart. Circulation Research, 2016, 118, 344-351.	2.0	21
36	Long-read individual-molecule sequencing reveals CRISPR-induced genetic heterogeneity in human ESCs. Genome Biology, 2020, 21, 213.	3.8	20

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37	Simultaneous detection and mutation surveillance of SARS-CoV-2 and multiple respiratory viruses by rapid field-deployable sequencing. Med, 2021, 2, 689-700.e4.	2.2	16
38	Genetic rejuvenation of old muscle. Nature, 2014, 506, 304-305.	13.7	14
39	Hematopoietic Differentiation of Human Pluripotent Stem Cells: HOX and GATA Transcription Factors as Master Regulators. Current Genomics, 2019, 20, 438-452.	0.7	14
40	Structure of the full-length human Pannexin1 channel and insights into its role in pyroptosis. Cell Discovery, 2021, 7, 30.	3.1	14
41	An Organizational Hub of Developmentally Regulated Chromatin Loops in the Drosophila Antennapedia Complex. Molecular and Cellular Biology, 2015, 35, 4018-4029.	1.1	13
42	In situ monitoring reveals cellular environmental instabilities in human pluripotent stem cell culture. Communications Biology, 2022, 5, 119.	2.0	13
43	A Robust, Safe, and Scalable Magnetic Nanoparticle Workflow for RNA Extraction of Pathogens from Clinical and Wastewater Samples. Global Challenges, 2021, 5, 2000068.	1.8	10
44	Analysis of chromatin boundary activity in Drosophila cells. BMC Molecular Biology, 2008, 9, 109.	3.0	9
45	In vitro generation of platelets through direct conversion: first report in My Knowledge (iMK). Cell Research, 2013, 23, 176-178.	5.7	9
46	No factor left behind: generation of transgene-free induced pluripotent stem cells. American Journal of Stem Cells, 2012, 1, 75-80.	0.4	9
47	Reprogramming based gene therapy for inherited red blood cell disorders. Cell Research, 2012, 22, 941-944.	5.7	8
48	Toward Best Practices for Controlling Mammalian Cell Culture Environments. Frontiers in Cell and Developmental Biology, 2022, 10, 788808.	1.8	8
49	Chromatin boundary elements organize genomic architecture and developmental gene regulation in DrosophilaHoxclusters. World Journal of Biological Chemistry, 2016, 7, 223.	1.7	7
50	Wiskott-Aldrich syndrome protein forms nuclear condensates and regulates alternative splicing. Nature Communications, 2022, 13, .	5.8	6
51	Selective interactions between diverse STEs organize the ANT-C Hox cluster. Scientific Reports, 2018, 8, 15158.	1.6	5
52	Quick and Easy Assembly of a One-Step qRT-PCR Kit for COVID-19 Diagnostics Using In-House Enzymes. ACS Omega, 2021, 6, 7374-7386.	1.6	5
53	Genome Editing Technologies as Cellular Defense Against Viral Pathogens. Frontiers in Cell and Developmental Biology, 2021, 9, 716344.	1.8	5
54	Gating neural development and aging via nuclear pores. Cell Research, 2012, 22, 1212-1214.	5.7	4

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55	Niche-less maintenance of HSCs by 2i. Cell Research, 2013, 23, 458-459.	5.7	4
56	Using Eukaryotic Expression Systems to Generate Human Î±1,3-Fucosyltransferases That Effectively Create Selectin-Binding Glycans on Stem Cells. Biochemistry, 2020, 59, 3757-3771.	1.2	4
57	Stem cell, CRISPR and HIV. Cell Cycle, 2015, 14, 1991-1992.	1.3	3
58	Global DNA methylation and transcriptional analyses of human ESC-derived cardiomyocytes. Protein and Cell, 2013, 5, 59.	4.8	3
59	A chemical approach to â€œrewireâ€•neural progenitor cells. Cell Research, 2014, 24, 641-642.	5.7	2
60	Insulator foci distance correlates with cellular and nuclear morphology in early Drosophila embryos. Developmental Biology, 2021, 476, 189-199.	0.9	2
61	Regulation of Somatic Stem Cell Function by DNA Methylation and Genomic Imprinting. Cell & Tissue Transplantation & Therapy, 0, , 19.	0.0	1
62	A Cell Density-Dependent Reporter in the Drosophila S2 Cells. Scientific Reports, 2019, 9, 11868.	1.6	1
63	KAIMRCâ€™S Second Therapeutics Discovery Conference. Proceedings (mdpi), 2020, 43, 6.	0.2	0