Zunpeng Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36 papers	954 citations	18 h-index	30 g-index
41 ext. papers	1,656 ext. citations	14.1 avg, IF	4.13 L-index

#	Paper	IF	Citations
36	Single-Cell Transcriptomic Atlas of Primate Ovarian Aging. *Cell*, **2020**, 180, 585-600.e19	56.2	113
35	SIRT6 deficiency results in developmental retardation in cynomolgus monkeys. *Nature*, **2018**, 560, 661-665	50.4	91
34	A human circulating immune cell landscape in aging and COVID-19. *Protein and Cell*, **2020**, 11, 740-770	7.2	88
33	Chemical screen identifies a geroprotective role of quercetin in premature aging. *Protein and Cell*, **2019**, 10, 417-435	7.2	51
32	Up-regulation of FOXD1 by YAP alleviates senescence and osteoarthritis. *PLoS Biology*, **2019**, 17, e3000201	9.7	48
31	Maintenance of Nucleolar Homeostasis by CBX4 Alleviates Senescence and Osteoarthritis. *Cell Reports*, **2019**, 26, 3643-3656.e7	10.6	45
30	Vitamin C alleviates aging defects in a stem cell model for Werner syndrome. *Protein and Cell*, **2016**, 7, 478-88	7.2	43
29	Stabilizing heterochromatin by DGCR8 alleviates senescence and osteoarthritis. *Nature Communications*, **2019**, 10, 3329	17.4	41
28	FOXO3-Engineered Human ESC-Derived Vascular Cells Promote Vascular Protection and Regeneration. *Cell Stem Cell*, **2019**, 24, 447-461.e8	18	39
27	SIRT7 antagonizes human stem cell aging as a heterochromatin stabilizer. *Protein and Cell*, **2020**, 11, 483-504	7.2	37
26	Aging Atlas: a multi-omics database for aging biology. *Nucleic Acids Research*, **2021**, 49, D825-D830	20.1	32
25	Single-cell transcriptomic atlas of primate cardiopulmonary aging. *Cell Research*, **2021**, 31, 415-432	24.7	31
24	Rescue of premature aging defects in Cockayne syndrome stem cells by CRISPR/Cas9-mediated gene correction. *Protein and Cell*, **2020**, 11, 1-22	7.2	29
23	Modeling CADASIL vascular pathologies with patient-derived induced pluripotent stem cells. *Protein and Cell*, **2019**, 10, 249-271	7.2	28
22	Genome-wide R-loop Landscapes during Cell Differentiation and Reprogramming. *Cell Reports*, **2020**, 32, 107870	10.6	20
21	Telomere-dependent and telomere-independent roles of RAP1 in regulating human stem cell homeostasis. *Protein and Cell*, **2019**, 10, 649-667	7.2	19
20	ZKSCAN3 counteracts cellular senescence by stabilizing heterochromatin. *Nucleic Acids Research*, **2020**, 48, 6001-6018	20.1	19

19	Low-dose quercetin positively regulates mouse healthspan. *Protein and Cell*, **2019**, 10, 770-775	7.2	19
18	Generation of a Hutchinson-Gilford progeria syndrome monkey model by base editing. *Protein and Cell*, **2020**, 11, 809-824	7.2	18
17	Stabilization of heterochromatin by CLOCK promotes stem cell rejuvenation and cartilage regeneration. *Cell Research*, **2021**, 31, 187-205	24.7	18
16	A genome-wide CRISPR-based screen identifies as a driver of cellular senescence. *Science Translational Medicine*, **2021**, 13,	17.5	16
15	Database Resources of the National Genomics Data Center, China National Center for Bioinformation in 2022. *Nucleic Acids Research*, **2021**,	20.1	15
14	SIRT3 consolidates heterochromatin and counteracts senescence. *Nucleic Acids Research*, **2021**, 49, 4203-4219	20.1	15
13	CRISPR/Cas9-mediated gene knockout reveals a guardian role of NF-B/RelA in maintaining the homeostasis of human vascular cells. *Protein and Cell*, **2018**, 9, 945-965	7.2	15
12	A single-cell transcriptomic atlas of primate pancreatic islet aging. *National Science Review*, **2021**, 8, nwaa127	17	12
11	DJ-1 is dispensable for human stem cell homeostasis. *Protein and Cell*, **2019**, 10, 846-853	7.2	9
10	FOXO3-engineered human mesenchymal progenitor cells efficiently promote cardiac repair after myocardial infarction. *Protein and Cell*, **2021**, 12, 145-151	7.2	8
9	Deciphering primate retinal aging at single-cell resolution. *Protein and Cell*, **2021**, 12, 889-898	7.2	7
8	ALKBH1 deficiency leads to loss of homeostasis in human diploid somatic cells. *Protein and Cell*, **2020**, 11, 688-695	7.2	6
7	Large-scale chemical screen identifies Gallic acid as a geroprotector for human stem cells. *Protein and Cell*, **2021**, 1	7.2	5
6	Cross-species metabolomic analysis identifies uridine as a potent regeneration promoting factor.. *Cell Discovery*, **2022**, 8, 6	22.3	4
5	Resurrection of human endogenous retroviruses during aging reinforces senescence		3
4	Regeneration Roadmap: database resources for regenerative biology. *Nucleic Acids Research*, **2021**,	20.1	3
3	Low-dose chloroquine treatment extends the lifespan of aged rats.. *Protein and Cell*, **2022**, 1	7.2	2
2	FTO stabilizes MIS12 and counteracts senescence.. *Protein and Cell*, **2022**, 1	7.2	1

1 Deciphering aging at three-dimensional genomic resolution **2022**, 100034 0