

Moshi Song

List of Publications by Year in descending order

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58
papers

4,836
citations

117625

34
h-index

133252

59
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63
all docs

63
docs citations

63
times ranked

6161
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale chemical screen identifies Gallic acid as a geroprotector for human stem cells. <i>Protein and Cell</i> , 2022, 13, 532-539.	11.0	18
2	Hyperthermia differentially affects specific human stem cells and their differentiated derivatives. <i>Protein and Cell</i> , 2022, 13, 615-622.	11.0	9
3	mTORC2/RICTOR exerts differential levels of metabolic control in human embryonic, mesenchymal and neural stem cells. <i>Protein and Cell</i> , 2022, 13, 676-682.	11.0	6
4	Low-dose chloroquine treatment extends the lifespan of aged rats. <i>Protein and Cell</i> , 2022, 13, 454-461.	11.0	9
5	Cross-species metabolomic analysis identifies uridine as a potent regeneration promoting factor. <i>Cell Discovery</i> , 2022, 8, 6.	6.7	50
6	Kansl1 haploinsufficiency impairs autophagosome-lysosome fusion and links autophagic dysfunction with Koolen-de Vries syndrome in mice. <i>Nature Communications</i> , 2022, 13, 931.	12.8	24
7	Destabilizing heterochromatin by APOE mediates senescence. <i>Nature Aging</i> , 2022, 2, 303-316.	11.6	36
8	Gut microbiota production of trimethyl-5-aminovaleric acid reduces fatty acid oxidation and accelerates cardiac hypertrophy. <i>Nature Communications</i> , 2022, 13, 1757.	12.8	35
9	Mesenteric lymph system constitutes the second route in gut-liver axis and transports metabolism-modulating gut microbial metabolites. <i>Journal of Genetics and Genomics</i> , 2022, 49, 612-623.	3.9	3
10	Heterochronic parabiosis induces stem cell revitalization and systemic rejuvenation across aged tissues. <i>Cell Stem Cell</i> , 2022, 29, 990-1005.e10.	11.1	53
11	Short- and long-read metagenomics expand individualized structural variations in gut microbiomes. <i>Nature Communications</i> , 2022, 13, .	12.8	35
12	Deciphering primate retinal aging at single-cell resolution. <i>Protein and Cell</i> , 2021, 12, 889-898.	11.0	26
13	A single-cell transcriptomic atlas of primate pancreatic islet aging. <i>National Science Review</i> , 2021, 8, nwa127.	9.5	37
14	Stabilization of heterochromatin by CLOCK promotes stem cell rejuvenation and cartilage regeneration. <i>Cell Research</i> , 2021, 31, 187-205.	12.0	67
15	A Single-Cell Transcriptomic Atlas of Human Skin Aging. <i>Developmental Cell</i> , 2021, 56, 383-397.e8.	7.0	145
16	Aging Atlas: a multi-omics database for aging biology. <i>Nucleic Acids Research</i> , 2021, 49, D825-D830.	14.5	140
17	FOXO3-engineered human mesenchymal progenitor cells efficiently promote cardiac repair after myocardial infarction. <i>Protein and Cell</i> , 2021, 12, 145-151.	11.0	27
18	Single-cell transcriptomic atlas of primate cardiopulmonary aging. <i>Cell Research</i> , 2021, 31, 415-432.	12.0	88

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19	SIRT3 consolidates heterochromatin and counteracts senescence. <i>Nucleic Acids Research</i> , 2021, 49, 4203-4219.	14.5	74
20	A genome-wide CRISPR-based screen identifies <i>KAT7</i> as a driver of cellular senescence. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	79
21	OUP accepted manuscript. <i>Nucleic Acids Research</i> , 2021, , .	14.5	9
22	A single-cell transcriptomic landscape of the lungs of patients with COVID-19. <i>Nature Cell Biology</i> , 2021, 23, 1314-1328.	10.3	91
23	METTL3 counteracts premature aging via m6A-dependent stabilization of MIS12 mRNA. <i>Nucleic Acids Research</i> , 2020, 48, 11083-11096.	14.5	99
24	ALKBH1 deficiency leads to loss of homeostasis in human diploid somatic cells. <i>Protein and Cell</i> , 2020, 11, 688-695.	11.0	8
25	A human circulating immune cell landscape in aging and COVID-19. <i>Protein and Cell</i> , 2020, 11, 740-770.	11.0	179
26	A single-cell transcriptomic landscape of primate arterial aging. <i>Nature Communications</i> , 2020, 11, 2202.	12.8	95
27	ZKSCAN3 counteracts cellular senescence by stabilizing heterochromatin. <i>Nucleic Acids Research</i> , 2020, 48, 6001-6018.	14.5	54
28	SIRT7 antagonizes human stem cell aging as a heterochromatin stabilizer. <i>Protein and Cell</i> , 2020, 11, 483-504.	11.0	85
29	Genome-wide R-loop Landscapes during Cell Differentiation and Reprogramming. <i>Cell Reports</i> , 2020, 32, 107870.	6.4	51
30	Caloric Restriction Reprograms the Single-Cell Transcriptional Landscape of <i>Rattus Norvegicus</i> Aging. <i>Cell</i> , 2020, 180, 984-1001.e22.	28.9	206
31	Single-Cell Transcriptomic Atlas of Primate Ovarian Aging. <i>Cell</i> , 2020, 180, 585-600.e19.	28.9	306
32	Treating osteoarthritis via gene therapy with rejuvenation factors. <i>Gene Therapy</i> , 2020, 27, 309-311.	4.5	14
33	Chemical screen identifies a geroprotective role of quercetin in premature aging. <i>Protein and Cell</i> , 2019, 10, 417-435.	11.0	88
34	Mitofusin 2 Is Essential for IP3-Mediated SR/Mitochondria Metabolic Feedback in Ventricular Myocytes. <i>Frontiers in Physiology</i> , 2019, 10, 733.	2.8	30
35	Low-dose quercetin positively regulates mouse healthspan. <i>Protein and Cell</i> , 2019, 10, 770-775.	11.0	41
36	Stabilizing heterochromatin by DGCR8 alleviates senescence and osteoarthritis. <i>Nature Communications</i> , 2019, 10, 3329.	12.8	82

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37	DJ-1 is dispensable for human stem cell homeostasis. <i>Protein and Cell</i> , 2019, 10, 846-853.	11.0	13
38	Maintenance of Nucleolar Homeostasis by CBX4 Alleviates Senescence and Osteoarthritis. <i>Cell Reports</i> , 2019, 26, 3643-3656.e7.	6.4	81
39	Up-regulation of FOXD1 by YAP alleviates senescence and osteoarthritis. <i>PLoS Biology</i> , 2019, 17, e3000201.	5.6	104
40	Basic and translational aging research in China: present and future. <i>Protein and Cell</i> , 2019, 10, 476-484.	11.0	27
41	Telomere-dependent and telomere-independent roles of RAP1 in regulating human stem cell homeostasis. <i>Protein and Cell</i> , 2019, 10, 649-667.	11.0	35
42	Modeling CADASIL vascular pathologies with patient-derived induced pluripotent stem cells. <i>Protein and Cell</i> , 2019, 10, 249-271.	11.0	41
43	Mitochondrial regulation of cardiac aging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1853-1864.	3.8	25
44	FOXO3-Engineered Human ESC-Derived Vascular Cells Promote Vascular Protection and Regeneration. <i>Cell Stem Cell</i> , 2019, 24, 447-461.e8.	11.1	78
45	Age-related cardiopathies gene editing. <i>Aging</i> , 2019, 11, 1327-1328.	3.1	1
46	Differential stem cell aging kinetics in Hutchinson-Gilford progeria syndrome and Werner syndrome. <i>Protein and Cell</i> , 2018, 9, 333-350.	11.0	56
47	Epigenetic Modifications in Cardiovascular Aging and Diseases. <i>Circulation Research</i> , 2018, 123, 773-786.	4.5	180
48	CRISPR/Cas9-mediated gene knockout reveals a guardian role of NF- κ B/RelA in maintaining the homeostasis of human vascular cells. <i>Protein and Cell</i> , 2018, 9, 945-965.	11.0	20
49	Abrogating Mitochondrial Dynamics in Mouse Hearts Accelerates Mitochondrial Senescence. <i>Cell Metabolism</i> , 2017, 26, 872-883.e5.	16.2	228
50	Interdependence of Parkin-Mediated Mitophagy and Mitochondrial Fission in Adult Mouse Hearts. <i>Circulation Research</i> , 2015, 117, 346-351.	4.5	172
51	Combined cardiomyocyte PKC δ and PKC μ gene deletion uncovers their central role in restraining developmental and reactive heart growth. <i>Science Signaling</i> , 2015, 8, ra39.	3.6	24
52	Parkin-mediated mitophagy directs perinatal cardiac metabolic maturation in mice. <i>Science</i> , 2015, 350, aad2459.	12.6	342
53	Dissociation of mitochondrial from sarcoplasmic reticular stress in Drosophila cardiomyopathy induced by molecularly distinct mitochondrial fusion defects. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 80, 71-80.	1.9	26
54	Mitoconfusion: Noncanonical Functioning of Dynamism Factors in Static Mitochondria of the Heart. <i>Cell Metabolism</i> , 2015, 21, 195-205.	16.2	105

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55	Mitochondrial Fission and Fusion Factors Reciprocally Orchestrate Mitophagic Culling in Mouse Hearts and Cultured Fibroblasts. <i>Cell Metabolism</i> , 2015, 21, 273-286.	16.2	398
56	How Mitochondrial Dynamism Orchestrates Mitophagy. <i>Circulation Research</i> , 2015, 116, 1835-1849.	4.5	247
57	Functional implications of mitofusin 2-mediated mitochondrial-SR tethering. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 78, 123-128.	1.9	62
58	Super-Suppression of Mitochondrial Reactive Oxygen Species Signaling Impairs Compensatory Autophagy in Primary Mitophagic Cardiomyopathy. <i>Circulation Research</i> , 2014, 115, 348-353.	4.5	163