

Ming Xu

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

5,946
citations

279798
23
h-index

361022
35
g-index

37
all docs

37
docs citations

37
times ranked

5749
citing authors

#	ARTICLE	IF	CITATIONS
1	Senolytics improve physical function and increase lifespan in old age. <i>Nature Medicine</i> , 2018, 24, 1246-1256.	30.7	1,384
2	Targeting cellular senescence prevents age-related bone loss in mice. <i>Nature Medicine</i> , 2017, 23, 1072-1079.	30.7	754
3	Fisetin is a senotherapeutic that extends health and lifespan. <i>EBioMedicine</i> , 2018, 36, 18-28.	6.1	554
4	JAK inhibition alleviates the cellular senescence-associated secretory phenotype and frailty in old age. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6301-10.	7.1	543
5	Targeting senescent cells enhances adipogenesis and metabolic function in old age. <i>ELife</i> , 2015, 4, e12997.	6.0	436
6	Targeting senescent cells alleviates obesity-induced metabolic dysfunction. <i>Aging Cell</i> , 2019, 18, e12950.	6.7	395
7	Cellular Senescence in Type 2 Diabetes: A Therapeutic Opportunity. <i>Diabetes</i> , 2015, 64, 2289-2298.	0.6	294
8	Obesity-Induced Cellular Senescence Drives Anxiety and Impairs Neurogenesis. <i>Cell Metabolism</i> , 2019, 29, 1061-1077.e8.	16.2	293
9	Strategies for targeting senescent cells in human disease. <i>Nature Aging</i> , 2021, 1, 870-879.	11.6	192
10	Transplanted Senescent Cells Induce an Osteoarthritis-Like Condition in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw154.	3.6	163
11	17 β -Estradiol Alleviates Age-related Metabolic and Inflammatory Dysfunction in Male Mice Without Inducing Feminization. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 3-15.	3.6	91
12	A meta-analysis of single-stage versus two-stage management for concomitant gallstones and common bile duct stones. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2015, 39, 584-593.	1.5	84
13	Targeting p21Cip1 highly expressing cells in adipose tissue alleviates insulin resistance in obesity. <i>Cell Metabolism</i> , 2022, 34, 75-89.e8.	16.2	68
14	The heterogeneity of cellular senescence: insights at the single-cell level. <i>Trends in Cell Biology</i> , 2023, 33, 9-17.	7.9	68
15	Posttranslational modification of POU domain transcription factor Oct4 by SUMO1. <i>FASEB Journal</i> , 2007, 21, 3042-3051.	0.5	62
16	An inducible p21-Cre mouse model to monitor and manipulate p21-highly-expressing senescent cells in vivo. <i>Nature Aging</i> , 2021, 1, 962-973.	11.6	61
17	Histone deacetylase 3 supports endochondral bone formation by controlling cytokine signaling and matrix remodeling. <i>Science Signaling</i> , 2016, 9, ra79.	3.6	60
18	Perspective: Targeting the JAK/STAT pathway to fight age-related dysfunction. <i>Pharmacological Research</i> , 2016, 111, 152-154.	7.1	54

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19	Transplanting cells from old but not young donors causes physical dysfunction in older recipients. <i>Aging Cell</i> , 2020, 19, e13106.	6.7	51
20	Targeting senescence improves angiogenic potential of adipose-derived mesenchymal stem cells in patients with preeclampsia. <i>Biology of Sex Differences</i> , 2019, 10, 49.	4.1	49
21	Senolytics improve bone forming potential of bone marrow mesenchymal stem cells from aged mice. <i>Npj Regenerative Medicine</i> , 2021, 6, 34.	5.2	40
22	Ncb5or Deficiency Increases Fatty Acid Catabolism and Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2011, 286, 11141-11154.	3.4	31
23	Senescence-induced changes in CD4 T cell differentiation can be alleviated by treatment with senolytics. <i>Aging Cell</i> , 2022, 21, e13525.	6.7	18
24	Development of diabetes in lean Ncb5or-null mice is associated with manifestations of endoplasmic reticulum and oxidative stress in beta cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1532-1541.	3.8	17
25	Senolytics alleviate the degenerative disorders of temporomandibular joint in old age. <i>Aging Cell</i> , 2021, 20, e13394.	6.7	17
26	Surgical Compliance and Outcomes in Gastric Cancer: a population-based cohort study. <i>Journal of Cancer</i> , 2019, 10, 779-788.	2.5	15
27	Inferring population history from fine-scale spatial genetic analysis in <i>Oryza rufipogon</i> (Poaceae). <i>Molecular Ecology</i> , 2006, 15, 1535-1544.	3.9	14
28	Beta-cell injury in Ncb5or-null mice is exacerbated by consumption of a high-fat diet. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 233-243.	1.5	6
29	Potential biomarkers for sensitivity of gallbladder cancer cells to gemcitabine. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 521-8.	0.5	5
30	Senolytics: Targeting Senescent Cells for Age-Associated Diseases. <i>Current Molecular Biology Reports</i> , 2020, 6, 161-172.	1.6	4
31	Network Topology of Biological Aging and Geroscience-Guided Approaches to COVID-19. <i>Frontiers in Aging</i> , 2021, 2, .	2.6	3
32	Temporomandibular joint aging and potential therapies. <i>Aging</i> , 2021, 13, 17955-17956.	3.1	1
33	Characterization of interdomain electron transfer in Ncb5or, a redox enzyme involved in fatty acid desaturation. <i>FASEB Journal</i> , 2009, 23, LB225.	0.5	0