Tamar Tchkonia

List of Publications by Year
in descending order

150 papers	30,025 citations	9756 73 h-index	8599 146 g-index
160 all docs	160 docs citations	160 times ranked	21937 citing authors

#	Article	IF	Citations
1	Clearance of p16Ink4a-positive senescent cells delays ageing-associated disorders. Nature, 2011, 479, 232-236.	13.7	2,806
2	The Achillesâ€™ heel of senescent cells: from transcriptome to senolytic drugs. Aging Cell, 2015, 14, 644-658.	3.0	1,534
3	Senolytics improve physical function and increase lifespan in old age. Nature Medicine, 2018, 24, 1246-1256.	15.2	1,384
4	Cellular senescence and the senescent secretory phenotype: therapeutic opportunities. Journal of Clinical Investigation, 2013, 123, 966-972.	3.9	1,326
5	Cellular senescence mediates fibrotic pulmonary disease. Nature Communications, 2017, 8, 14532.	5.8	1,008
6	Fat tissue, aging, and cellular senescence. Aging Cell, 2010, 9, 667-684.	3.0	834
7	Targeting cellular senescence prevents age-related bone loss in mice. Nature Medicine, 2017, 23, 1072-1079.	15.2	754
8	Senolytics in idiopathic pulmonary fibrosis: Results from a first-in-human, open-label, pilot study. EBioMedicine, 2019, 40, 554-563.	2.7	746
9	Identification of a novel senolytic agent, navitoclax, targeting the Bclâ€2 family of antiâ€apoptotic factors. Aging Cell, 2016, 15, 428-435.	3.0	717
10	Senolytics decrease senescent cells in humans: Preliminary report from a clinical trial of Dasatinib plus Quercetin in individuals with diabetic kidney disease. EBioMedicine, 2019, 47, 446-456.	2.7	697
11	Cellular Senescence: A Translational Perspective. EBioMedicine, 2017, 21, 21-28.	2.7	690
12	Cellular senescence drives age-dependent hepatic steatosis. Nature Communications, 2017, 8, 15691.	5.8	673
13	Fisetin is a senotherapeutic that extends health and lifespan. EBioMedicine, 2018, 36, 18-28.	2.7	554
14	JAK inhibition alleviates the cellular senescence-associated secretory phenotype and frailty in old age. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6301-10.	3.3	543
15	Chronic senolytic treatment alleviates established vasomotor dysfunction in aged or atherosclerotic mice. Aging Cell, 2016, 15, 973-977.	3.0	540
16	Senolytic drugs: from discovery to translation. Journal of Internal Medicine, 2020, 288, 518-536.	2.7	515
17	Mechanisms and Metabolic Implications of Regional Differences among Fat Depots. Cell Metabolism, 2013, 17, 644-656.	7.2	507
18	New agents that target senescent cells: the flavone, fisetin, and the BCL-XL inhibitors, A1331852 and A1155463. Aging, 2017, 9, 955-963.	1.4	469

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19	Identification of HSP90 inhibitors as a novel class of senolytics. Nature Communications, 2017, 8, 422.	5.8	466
20	Targeting senescent cells enhances adipogenesis and metabolic function in old age. ELife, 2015, 4, e12997.	2.8	436
21	Identification of inducible brown adipocyte progenitors residing in skeletal muscle and white fat. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 143-148.	3.3	425
22	The Clinical Potential of Senolytic Drugs. Journal of the American Geriatrics Society, 2017, 65, 2297-2301.	1.3	416
23	Targeting senescent cells alleviates obesityâ€induced metabolic dysfunction. Aging Cell, 2019, 18, e12950.	3.0	395
24	Identification of Senescent Cells in the Bone Microenvironment. Journal of Bone and Mineral Research, 2016, 31, 1920-1929.	3.1	352
25	Regional differences in cellular mechanisms of adipose tissue gain with overfeeding. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18226-18231.	3.3	322
26	Identification of depot-specific human fat cell progenitors through distinct expression profiles and developmental gene patterns. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E298-E307.	1.8	309
27	Lengthâ€independent telomere damage drives postâ€mitotic cardiomyocyte senescence. EMBO Journal, 2019, 38, .	3.5	307
28	Adipogenesis and aging: does aging make fat go MAD?. Experimental Gerontology, 2002, 37, 757-767.	1.2	305
29	Cellular Senescence in Type 2 Diabetes: A Therapeutic Opportunity. Diabetes, 2015, 64, 2289-2298.	0.3	294
30	Obesity-Induced Cellular Senescence Drives Anxiety and Impairs Neurogenesis. Cell Metabolism, 2019, 29, 1061-1077.e8.	7.2	293
31	Senescent cell clearance by the immune system: Emerging therapeutic opportunities. Seminars in Immunology, 2018, 40, 101275.	2.7	285
32	The role of cellular senescence in ageing and endocrine disease. Nature Reviews Endocrinology, 2020, 16, 263-275.	4.3	276
33	Aging in adipocytes: Potential impact of inherent, depot-specific mechanisms. Experimental Gerontology, 2007, 42, 463-471.	1.2	251
34	Adipose Tissue Endothelial Cells From Obese Human Subjects: Differences Among Depots in Angiogenic, Metabolic, and Inflammatory Gene Expression and Cellular Senescence. Diabetes, 2010, 59, 2755-2763.	0.3	232
35	Fat depot origin affects adipogenesis in primary cultured and cloned human preadipocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R1286-R1296.	0.9	219
36	Cellular senescence and the senescent secretory phenotype in age-related chronic diseases. Current Opinion in Clinical Nutrition and Metabolic Care, 2014, 17, 324-328.	1.3	215

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37	Abundance of two human preadipocyte subtypes with distinct capacities for replication, adipogenesis, and apoptosis varies among fat depots. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E267-E277.	1.8	214
38	Aging, Cell Senescence, and Chronic Disease. JAMA - Journal of the American Medical Association, 2018, 320, 1319.	3.8	214
39	Fat Depotâ€"Specific Characteristics Are Retained in Strains Derived From Single Human Preadipocytes. Diabetes, 2006, 55, 2571-2578.	0.3	207
40	Agedâ€senescent cells contribute to impaired heart regeneration. Aging Cell, 2019, 18, e12931.	3.0	202
41	Inducible Tollâ€like Receptor and NFâ€ÎºB Regulatory Pathway Expression in Human Adipose Tissue. Obesity, 2008, 16, 932-937.	1.5	199
42	Aging and Regional Differences in Fat Cell Progenitors â€" A Mini-Review. Gerontology, 2011, 57, 66-75.	1.4	196
43	Wholeâ€body senescent cell clearance alleviates ageâ€related brain inflammation and cognitive impairment in mice. Aging Cell, 2021, 20, e13296.	3.0	186
44	Exercise Prevents Diet-Induced Cellular Senescence in Adipose Tissue. Diabetes, 2016, 65, 1606-1615.	0.3	185
45	Senolytics reduce coronavirus-related mortality in old mice. Science, 2021, 373, .	6.0	184
46	Pathogenesis of pancreatic cancer exosome-induced lipolysis in adipose tissue. Gut, 2016, 65, 1165-1174.	6.1	173
47	Transplanted Senescent Cells Induce an Osteoarthritis-Like Condition in Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw154.	1.7	163
48	CD38 ecto-enzyme in immune cells is induced during aging and regulates NAD+ and NMN levels. Nature Metabolism, 2020, 2, 1284-1304.	5.1	157
49	Senolytic Drugs: Reducing Senescent Cell Viability to Extend Health Span. Annual Review of Pharmacology and Toxicology, 2021, 61, 779-803.	4.2	151
50	Biology of premature ageing in survivors of cancer. ESMO Open, 2017, 2, e000250.	2.0	148
51	Altered expression of C/EBP family members results in decreased adipogenesis with aging. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R1772-R1780.	0.9	143
52	Activin A Plays a Critical Role in Proliferation and Differentiation of Human Adipose Progenitors. Diabetes, 2010, 59, 2513-2521.	0.3	140
53	Effects of dihydrotestosterone on differentiation and proliferation of human mesenchymal stem cells and preadipocytes. Molecular and Cellular Endocrinology, 2008, 296, 32-40.	1.6	138
54	Senescence and Cancer: A Review of Clinical Implications of Senescence and Senotherapies. Cancers, 2020, 12, 2134.	1.7	134

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55	Frailty in childhood cancer survivors. Cancer, 2015, 121, 1540-1547.	2.0	132
56	Senescent Cells: Emerging Targets for Human Aging and Age-Related Diseases. Trends in Biochemical Sciences, 2020, 45, 578-592.	3.7	126
57	Liver-Specific GH Receptor Gene-Disrupted (LiGHRKO) Mice Have Decreased Endocrine IGF-I, Increased Local IGF-I, and Altered Body Size, Body Composition, and Adipokine Profiles. Endocrinology, 2014, 155, 1793-1805.	1.4	125
58	Clinical strategies and animal models for developing senolytic agents. Experimental Gerontology, 2015, 68, 19-25.	1.2	125
59	Senolytics prevent mt-DNA-induced inflammation and promote the survival of aged organs following transplantation. Nature Communications, 2020, 11, 4289.	5.8	125
60	Cellular Senescence and the Biology of Aging, Disease, and Frailty. Nestle Nutrition Institute Workshop Series, 2015, 83, 11-18.	1.5	117
61	Sexâ€•and Depotâ€Dependent Differences in Adipogenesis in Normalâ€Weight Humans. Obesity, 2010, 18, 1875-1880.	1.5	113
62	Senolytic Combination of Dasatinib and Quercetin Alleviates Intestinal Senescence and Inflammation and Modulates the Gut Microbiome in Aged Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1895-1905.	1.7	113
63	Growth hormone action predicts age-related white adipose tissue dysfunction and senescent cell burden in mice. Aging, 2014, 6, 575-586.	1.4	107
64	Reducing Senescent Cell Burden in Aging and Disease. Trends in Molecular Medicine, 2020, 26, 630-638.	3.5	102
65	Neutrophils induce paracrine telomere dysfunction and senescence in ROSâ€dependent manner. EMBO Journal, 2021, 40, e106048.	3.5	101
66	Discovery, development, and future application of senolytics: theories and predictions. FEBS Journal, 2020, 287, 2418-2427.	2.2	100
67	Targeting senescent cholangiocytes and activated fibroblasts with Bâ€cell lymphomaâ€extra large inhibitors ameliorates fibrosis in multidrug resistance 2 gene knockout (Mdr2â^'/â^') mice. Hepatology, 2018, 67, 247-259.	3.6	99
68	Premature Physiologic Aging as a Paradigm for Understanding Increased Risk of Adverse Health Across the Lifespan of Survivors of Childhood Cancer. Journal of Clinical Oncology, 2018, 36, 2206-2215.	0.8	99
69	TNFÎ±-senescence initiates a STAT-dependent positive feedback loop, leading to a sustained interferon signature, DNA damage, and cytokine secretion. Aging, 2017, 9, 2411-2435.	1.4	95
70	Cellular Senescence Biomarker p16INK4a+ Cell Burden in Thigh Adipose is Associated With Poor Physical Function in Older Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 939-945.	1.7	92
71	17Î±-Estradiol Alleviates Age-related Metabolic and Inflammatory Dysfunction in Male Mice Without Inducing Feminization. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 3-15.	1.7	91
72	The NADase CD38 is induced by factors secreted from senescent cells providing a potential link between senescence and age-related cellular NAD+ decline. Biochemical and Biophysical Research Communications, 2019, 513, 486-493.	1.0	90

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73	TRAIL receptor deletion in mice suppresses the inflammation of nutrient excess. Journal of Hepatology, 2015, 62, 1156-1163.	1.8	85
74	A toolbox for the longitudinal assessment of healthspan in aging mice. Nature Protocols, 2020, 15, 540-574.	5.5	81
75	Induction of colitis causes inflammatory responses in fat depots: Evidence for substance P pathways in human mesenteric preadipocytes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5207-5212.	3.3	80
76	Human Obesity Induces Dysfunction and Early Senescence in Adipose Tissue-Derived Mesenchymal Stromal/Stem Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 197.	1.8	79
77	Increased renal cellular senescence in murine high-fat diet: effect of the senolytic drug quercetin. Translational Research, 2019, 213, 112-123.	2.2	78
78	Independent Roles of Estrogen Deficiency and Cellular Senescence in the Pathogenesis of Osteoporosis: Evidence in Young Adult Mice and Older Humans. Journal of Bone and Mineral Research, 2019, 34, 1407-1418.	3.1	77
79	Aging, Depot Origin, and Preadipocyte Gene Expression. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 242-251.	1.7	76
80	Fat depot origin affects fatty acid handling in cultured rat and human preadipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E238-E247.	1.8	75
81	Targeted Reduction of Senescent Cell Burden Alleviates Focal Radiotherapyâ€Related Bone Loss. Journal of Bone and Mineral Research, 2020, 35, 1119-1131.	3.1	74
82	Sphingolipid Content of Human Adipose Tissue: Relationship to Adiponectin and Insulin Resistance. Obesity, 2012, 20, 2341-2347.	1.5	71
83	Targeting Senescent Cells for a Healthier Aging: Challenges and Opportunities. Advanced Science, 2020, 7, 2002611.	5.6	70
84	Aging results in paradoxical susceptibility of fat cell progenitors to lipotoxicity. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1041-E1051.	1.8	68
85	Targeting p21Cip1 highly expressing cells in adipose tissue alleviates insulin resistance in obesity. Cell Metabolism, 2022, 34, 75-89.e8.	7.2	68
86	New Horizons: Novel Approaches to Enhance Healthspan Through Targeting Cellular Senescence and Related Aging Mechanisms. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e1481-e1487.	1.8	67
87	An inducible p21-Cre mouse model to monitor and manipulate p21-highly-expressing senescent cells in vivo. Nature Aging, 2021, 1, 962-973.	5.3	61
88	Increased TNFÎ± and CCAAT/enhancer-binding protein homologous protein with aging predispose preadipocytes to resist adipogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1810-E1819.	1.8	60
89	Histone deacetylase 3 supports endochondral bone formation by controlling cytokine signaling and matrix remodeling. Science Signaling, 2016, 9, ra79.	1.6	60
90	Increased CUG Triplet Repeat-binding Protein-1 Predisposes to Impaired Adipogenesis with Aging. Journal of Biological Chemistry, 2006, 281, 23025-23033.	1.6	56

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91	Perspective: Targeting the JAK/STAT pathway to fight age-related dysfunction. Pharmacological Research, 2016, 111, 152-154.	3.1	54
92	Transplanting cells from old but not young donors causes physical dysfunction in older recipients. Aging Cell, 2020, 19, e13106.	3.0	51
93	SARS-CoV-2 causes senescence in human cells and exacerbates the senescence-associated secretory phenotype through TLR-3. Aging, 2021, 13, 21838-21854.	1.4	51
94	Cellular senescence in aging and age-related diseases: Implications for neurodegenerative diseases. International Review of Neurobiology, 2020, 155, 203-234.	0.9	50
95	Targeting senescence improves angiogenic potential of adipose-derived mesenchymal stem cells in patients with preeclampsia. Biology of Sex Differences, 2019, 10, 49.	1.8	49
96	Dasatinib plus quercetin prevents uterine age-related dysfunction and fibrosis in mice. Aging, 2020, 12, 2711-2722.	1.4	49
97	Strategies for late phase preclinical and early clinical trials of senolytics. Mechanisms of Ageing and Development, 2021, 200, 111591.	2.2	48
98	Removal of growth hormone receptor (GHR) in muscle of male mice replicates some of the health benefits seen in global GHRâˆ’/âˆ’ mice. Aging, 2015, 7, 500-512.	1.4	46
99	IGF-I Activation of the AKT Pathway Is Impaired in Visceral But Not Subcutaneous Preadipocytes from Obese Subjects. Endocrinology, 2010, 151, 3752-3763.	1.4	45
100	Progressive Cellular Senescence Mediates Renal Dysfunction in Ischemic Nephropathy. Journal of the American Society of Nephrology: JASN, 2021, 32, 1987-2004.	3.0	42
101	Targeted clearance of <i>p21</i>â€•but not <i>p16</i>â€•positive senescent cells prevents radiationâ€•induced osteoporosis and increased marrow adiposity. Aging Cell, 2022, 21, e13602.	3.0	40
102	Substance P promotes expansion of human mesenteric preadipocytes through proliferative and antiapoptotic pathways. American Journal of Physiology - Renal Physiology, 2009, 296, G1012-G1019.	1.6	39
103	Impact of Senescent Cell Subtypes on Tissue Dysfunction and Repair: Importance and Research Questions. Mechanisms of Ageing and Development, 2021, 198, 111548.	2.2	39
104	Senescence marker activin A is increased in human diabetic kidney disease: association with kidney function and potential implications for therapy. BMJ Open Diabetes Research and Care, 2019, 7, e000720.	1.2	36
105	Fisetin for <scp>COVID</scp>â€•19 in skilled nursing facilities: Senolytic trials in the <scp>COVID</scp> era. Journal of the American Geriatrics Society, 2021, 69, 3023-3033.	1.3	35
106	Partial inhibition of mitochondrial complex I ameliorates Alzheimerâ€™s disease pathology and cognition in APP/PS1 female mice. Communications Biology, 2021, 4, 61.	2.0	35
107	Senolytic Therapy to Modulate the Progression of Alzheimerâ€™s Disease (SToMP-AD): A Pilot Clinical Trial. journal of prevention of Alzheimer's disease, The, 2022, 9, 1-8.	1.5	34
108	<scp>TNF</scp>â€•Î±/<scp>IFN</scp>â€•Î³ synergy amplifies senescenceâ€•associated inflammation and <scp>SARSâ€•CoV</scp>â€•2 receptor expression via hyperâ€•activated <scp>JAK</scp>/<scp>STAT1</scp>. Aging Cell, 2022, 21, .	3.0	31

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109	Preferential impact of pregnancy-associated plasma protein-A deficiency on visceral fat in mice on high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E1145-E1153.	1.8	29
110	The enigmatic role of growth hormone in age-related diseases, cognition, and longevity. GeroScience, 2019, 41, 759-774.	2.1	29
111	Inflammation and the depot-specific secretome of human preadipocytes. Obesity, 2015, 23, 989-999.	1.5	28
112	Markers of cellular senescence are elevated in murine blastocysts cultured in vitro: molecular consequences of culture in atmospheric oxygen. Journal of Assisted Reproduction and Genetics, 2014, 31, 1259-1267.	1.2	27
113	Transplanted senescent renal scattered tubular-like cells induce injury in the mouse kidney. American Journal of Physiology - Renal Physiology, 2020, 318, F1167-F1176.	1.3	27
114	Quercetin Reverses Cardiac Systolic Dysfunction in Mice Fed with a High-Fat Diet: Role of Angiogenesis. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-11.	1.9	27
115	Orally-active, clinically-translatable senolytics restore Î±-Klotho in mice and humans. EBioMedicine, 2022, 77, 103912.	2.7	27
116	The murine dialysis fistula model exhibits a senescence phenotype: pathobiological mechanisms and therapeutic potential. American Journal of Physiology - Renal Physiology, 2018, 315, F1493-F1499.	1.3	26
117	Increased cellular senescence in the murine and human stenotic kidney: Effect of mesenchymal stem cells. Journal of Cellular Physiology, 2021, 236, 1332-1344.	2.0	25
118	Role of senescence in the chronic health consequences of COVID-19. Translational Research, 2022, 241, 96-108.	2.2	25
119	Deleted in <scp>B</scp> reast <scp>C</scp> ancer 1 regulates cellular senescence during obesity. Aging Cell, 2014, 13, 951-953.	3.0	23
120	Selective Vulnerability of Senescent Glioblastoma Cells to BCL-XL Inhibition. Molecular Cancer Research, 2022, 20, 938-948.	1.5	22
121	Current Views of the Fat Cell as an Endocrine Cell: Lipotoxicity. , 2006, , 105-123.		21
122	Immune checkpoint protein VSIG4 as a biomarker of aging in murine adipose tissue. Aging Cell, 2020, 19, e13219.	3.0	21
123	Senolytics: Potential for Alleviating Diabetes and Its Complications. Endocrinology, 2021, 162, .	1.4	21
124	Epigenetic and senescence markers indicate an accelerated ageing-like state in women with preeclamptic pregnancies. EBioMedicine, 2021, 70, 103536.	2.7	20
125	Deleted in Breast Cancer 1 Limits Adipose Tissue Fat Accumulation and Plays a Key Role in the Development of Metabolic Syndrome Phenotype. Diabetes, 2015, 64, 12-22.	0.3	19
126	Senescent cells in human adipose tissue: A crossâ€sectional study. Obesity, 2021, 29, 1320-1327.	1.5	18

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127	IGFâ€ł attenuates FFAâ€induced activation of JNK1 phosphorylation and TNFÎ± expression in human subcutaneous preadipocytes. Obesity, 2013, 21, 1843-1849.	1.5	17
128	FBF1 deficiency promotes beiging and healthy expansion of white adipose tissue. Cell Reports, 2021, 36, 109481.	2.9	17
129	Growth Hormone Receptor Antagonist Transgenic Mice Have Increased Subcutaneous Adipose Tissue Mass, Altered Glucose Homeostasis and No Change in White Adipose Tissue Cellular Senescence. Gerontology, 2016, 62, 163-172.	1.4	15
130	Accelerated aging in older cancer survivors. Journal of the American Geriatrics Society, 2021, 69, 3077-3080.	1.3	15
131	miR-146a-5p modulates cellular senescence and apoptosis in visceral adipose tissue of long-lived Ames dwarf mice and in cultured pre-adipocytes. GeroScience, 2022, 44, 503-518.	2.1	15
132	Diabetic Kidney Disease Alters the Transcriptome and Function of Human Adipose-Derived Mesenchymal Stromal Cells but Maintains Immunomodulatory and Paracrine Activities Important for Renal Repair. Diabetes, 2021, 70, 1561-1574.	0.3	12
133	Mechanisms of vascular dysfunction in the interleukin-10â€"deficient murine model of preeclampsia indicate nitric oxide dysregulation. Kidney International, 2021, 99, 646-656.	2.6	10
134	Obesity, Senescence, and Senolytics. Handbook of Experimental Pharmacology, 2021, , 165-180.	0.9	10
135	Different fat depots are distinct mini-organs. Current Opinion in Endocrinology, Diabetes and Obesity, 2001, 8, 227-234.	0.6	9
136	SMAD4 mutations and cross-talk between TGF-Î²/IFNÎ³ signaling accelerate rates of DNA damage and cellular senescence, resulting in a segmental progeroid syndromeâ€"the Myhre syndrome. GeroScience, 2021, 43, 1481-1496.	2.1	9
137	JAK/STAT inhibition augments soleus muscle function in a rat model of critical illness myopathy via regulation of complement C3/3R. Journal of Physiology, 2021, 599, 2869-2886.	1.3	9
138	The Aging Adipose Organ: Lipid Redistribution, Inflammation, and Cellular Senescence. , 2014, , 69-80.		8
139	Muscleâ€specific differences in expression and phosphorylation of the Janus kinase 2/Signal Transducer and Activator of Transcription 3 following longâ€term mechanical ventilation and immobilization in rats. Acta Physiologica, 2018, 222, e12980.	1.8	8
140	Chronic HIV Infection and Aging: Application of a Geroscience-Guided Approach. Journal of Acquired Immune Deficiency Syndromes (1999), 2022, 89, S34-S46.	0.9	8
141	Palmitate induces DNA damage and senescence in human adipocytes in vitro that can be alleviated by oleic acid but not inorganic nitrate. Experimental Gerontology, 2022, 163, 111798.	1.2	8
142	Aging and Adipose Tissue. , 2011, , 119-139.		7
143	Growth hormone in adipose dysfunction and senescence. Oncotarget, 2015, 6, 10667-10668.	0.8	6
144	Inflammatory characteristics of adipose tissue collected by surgical excision vs needle aspiration. International Journal of Obesity, 2015, 39, 874-876.	1.6	5

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145	Selective kidney targeting increases the efficacy of mesenchymal stromal/stem cells for alleviation of murine stenoticâ€kidney senescence and damage. Journal of Tissue Engineering and Regenerative Medicine, 2022, 16, 550-558.	1.3	5
146	Therapeutic Approaches to Agingâ€"Reply. JAMA - Journal of the American Medical Association, 2019, 321, 901.	3.8	4
147	Senescence in obesity. , 2022, , 289-308.		3
148	The Way Forward: Translation. , 2016, , 593-622.		0
149	Discovery of Senolytics and the Pathway to Early Phase Clinical Trials. Healthy Ageing and Longevity, 2020, , 21-40.	0.2	0
150	Senolytics in Idiopathic Pulmonary Fibrosis: The First-in-Human Randomized Controlled Trial. , 2022, , .		0