Tamar Tchkonia

List of Publications by Citations

148 papers	19,353 citations	61 h-index	139 g-index
160 ext. papers	24,919 ext. citations	8.9 avg, IF	7.02 L-index

#	Paper	IF	Citations
148	Clearance of p16Ink4a-positive senescent cells delays ageing-associated disorders. *Nature*, **2011**, 479, 232-6	50.4	2098
147	The Achilles' heel of senescent cells: from transcriptome to senolytic drugs. *Aging Cell*, **2015**, 14, 644-58	9.9	987
146	Cellular senescence and the senescent secretory phenotype: therapeutic opportunities. *Journal of Clinical Investigation*, **2013**, 123, 966-72	15.9	971
145	Senolytics improve physical function and increase lifespan in old age. *Nature Medicine*, **2018**, 24, 1246-1256	36.5	776
144	Fat tissue, aging, and cellular senescence. *Aging Cell*, **2010**, 9, 667-84	9.9	645
143	Cellular senescence mediates fibrotic pulmonary disease. *Nature Communications*, **2017**, 8, 14532	17.4	616
142	Targeting cellular senescence prevents age-related bone loss in mice. *Nature Medicine*, **2017**, 23, 1072-1079	36.5	464
141	Identification of a novel senolytic agent, navitoclax, targeting the Bcl-2 family of anti-apoptotic factors. *Aging Cell*, **2016**, 15, 428-35	9.9	463
140	Cellular Senescence: A Translational Perspective. *EBioMedicine*, **2017**, 21, 21-28	8.8	453
139	Senolytics in idiopathic pulmonary fibrosis: Results from a first-in-human, open-label, pilot study. *EBioMedicine*, **2019**, 40, 554-563	8.8	425
138	Cellular senescence drives age-dependent hepatic steatosis. *Nature Communications*, **2017**, 8, 15691	17.4	408
137	Mechanisms and metabolic implications of regional differences among fat depots. *Cell Metabolism*, **2013**, 17, 644-656	24.6	388
136	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, 143-8	11.5	382
135	Chronic senolytic treatment alleviates established vasomotor dysfunction in aged or atherosclerotic mice. *Aging Cell*, **2016**, 15, 973-7	9.9	382
134	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	11.5	357
133	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	8.8	356
132	Identification of HSP90 inhibitors as a novel class of senolytics. *Nature Communications*, **2017**, 8, 422	17.4	312

131	Targeting senescent cells enhances adipogenesis and metabolic function in old age. *ELife*, **2015**, 4, e12997	8.9	299
130	Fisetin is a senotherapeutic that extends health and lifespan. *EBioMedicine*, **2018**, 36, 18-28	8.8	298
129	The Clinical Potential of Senolytic Drugs. *Journal of the American Geriatrics Society*, **2017**, 65, 2297-2301	5.6	290
128	New agents that target senescent cells: the flavone, fisetin, and the BCL-X inhibitors, A1331852 and A1155463. *Aging*, **2017**, 9, 955-963	5.6	286
127	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, E298-307	6	277
126	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, 18226-31	11.5	269
125	Adipogenesis and aging: does aging make fat go MAD?. *Experimental Gerontology*, **2002**, 37, 757-67	4.5	268
124	Aging in adipocytes: potential impact of inherent, depot-specific mechanisms. *Experimental Gerontology*, **2007**, 42, 463-71	4.5	220
123	Targeting senescent cells alleviates obesity-induced metabolic dysfunction. *Aging Cell*, **2019**, 18, e12950	9.9	218
122	Identification of Senescent Cells in the Bone Microenvironment. *Journal of Bone and Mineral Research*, **2016**, 31, 1920-1929	6.3	214
121	Cellular Senescence in Type 2 Diabetes: A Therapeutic Opportunity. *Diabetes*, **2015**, 64, 2289-98	0.9	211
120	Fat depot origin affects adipogenesis in primary cultured and cloned human preadipocytes. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2002**, 282, R1286-96	3.2	194
119	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, E267-77	6	190
118	Fat depot-specific characteristics are retained in strains derived from single human preadipocytes. *Diabetes*, **2006**, 55, 2571-8	0.9	189
117	Adipose tissue endothelial cells from obese human subjects: differences among depots in angiogenic, metabolic, and inflammatory gene expression and cellular senescence. *Diabetes*, **2010**, 59, 2755-63	0.9	183
116	Senolytic drugs: from discovery to translation. *Journal of Internal Medicine*, **2020**, 288, 518-536	10.8	178
115	Cellular senescence and the senescent secretory phenotype in age-related chronic diseases. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2014**, 17, 324-8	3.8	170
114	Aging and regional differences in fat cell progenitors - a mini-review. *Gerontology*, **2011**, 57, 66-75	5.5	162

113	Obesity-Induced Cellular Senescence Drives Anxiety and Impairs Neurogenesis. *Cell Metabolism*, **2019**, 29, 1061-1077.e8	24.6	161
112	Length-independent telomere damage drives post-mitotic cardiomyocyte senescence. *EMBO Journal*, **2019**, 38,	13	159
111	Inducible Toll-like receptor and NF-kappaB regulatory pathway expression in human adipose tissue. *Obesity*, **2008**, 16, 932-7	8	155
110	Senescent cell clearance by the immune system: Emerging therapeutic opportunities. *Seminars in Immunology*, **2018**, 40, 101275	10.7	138
109	Exercise Prevents Diet-Induced Cellular Senescence in Adipose Tissue. *Diabetes*, **2016**, 65, 1606-15	0.9	137
108	The role of cellular senescence in ageing and endocrine disease. *Nature Reviews Endocrinology*, **2020**, 16, 263-275	15.2	133
107	Effects of dihydrotestosterone on differentiation and proliferation of human mesenchymal stem cells and preadipocytes. *Molecular and Cellular Endocrinology*, **2008**, 296, 32-40	4.4	125
106	Aging, Cell Senescence, and Chronic Disease: Emerging Therapeutic Strategies. *JAMA - Journal of the American Medical Association*, **2018**, 320, 1319-1320	27.4	123
105	Altered expression of C/EBP family members results in decreased adipogenesis with aging. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2001**, 280, R1772-80	3.2	120
104	Pathogenesis of pancreatic cancer exosome-induced lipolysis in adipose tissue. *Gut*, **2016**, 65, 1165-74	19.2	119
103	Activin a plays a critical role in proliferation and differentiation of human adipose progenitors. *Diabetes*, **2010**, 59, 2513-21	0.9	113
102	Aged-senescent cells contribute to impaired heart regeneration. *Aging Cell*, **2019**, 18, e12931	9.9	112
101	Transplanted Senescent Cells Induce an Osteoarthritis-Like Condition in Mice. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2017**, 72, 780-785	6.4	111
100	Clinical strategies and animal models for developing senolytic agents. *Experimental Gerontology*, **2015**, 68, 19-25	4.5	102
99	Sex- and depot-dependent differences in adipogenesis in normal-weight humans. *Obesity*, **2010**, 18, 1875-80	8	102
98	Frailty in childhood cancer survivors. *Cancer*, **2015**, 121, 1540-7	6.4	95
97	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, 1793-805	4.8	95
96	Growth hormone action predicts age-related white adipose tissue dysfunction and senescent cell burden in mice. *Aging*, **2014**, 6, 575-86	5.6	91

95	Cellular Senescence and the Biology of Aging, Disease, and Frailty. *Nestle Nutrition Institute Workshop Series*, **2015**, 83, 11-8	1.9	86
94	Biology of premature ageing in survivors of cancer. *ESMO Open*, **2017**, 2, e000250	6	85
93	TRAIL receptor deletion in mice suppresses the inflammation of nutrient excess. *Journal of Hepatology*, **2015**, 62, 1156-63	13.4	73
92	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	6.4	70
91	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, 5207-12	11.5	70
90	Targeting senescent cholangiocytes and activated fibroblasts with B-cell lymphoma-extra large inhibitors ameliorates fibrosis in multidrug resistance 2 gene knockout (Mdr2) mice. *Hepatology*, **2018**, 67, 247-259	11.2	70
89	Aging, depot origin, and preadipocyte gene expression. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2010**, 65, 242-51	6.4	68
88	Fat depot origin affects fatty acid handling in cultured rat and human preadipocytes. *American Journal of Physiology - Endocrinology and Metabolism*, **2001**, 280, E238-47	6	65
87	17Estradiol 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	6.4	61
86	Aging results in paradoxical susceptibility of fat cell progenitors to lipotoxicity. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 292, E1041-51	6	61
85	Senolytics reduce coronavirus-related mortality in old mice. *Science*, **2021**, 373,	33.3	60
84	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	3.4	59
83	Sphingolipid content of human adipose tissue: relationship to adiponectin and insulin resistance. *Obesity*, **2012**, 20, 2341-7	8	58
82	Senescent Cells: Emerging Targets for Human Aging and Age-Related Diseases. *Trends in Biochemical Sciences*, **2020**, 45, 578-592	10.3	55
81	TNFsenescence initiates a STAT-dependent positive feedback loop, leading to a sustained interferon signature, DNA damage, and cytokine secretion. *Aging*, **2017**, 9, 2411-2435	5.6	55
80	Senolytics prevent mt-DNA-induced inflammation and promote the survival of aged organs following transplantation. *Nature Communications*, **2020**, 11, 4289	17.4	55
79	CD38 ecto-enzyme in immune cells is induced during aging and regulates NAD and NMN levels. *Nature Metabolism*, **2020**, 2, 1284-1304	14.6	52
78	Senolytic Drugs: Reducing Senescent Cell Viability to Extend Health Span. *Annual Review of Pharmacology and Toxicology*, **2021**, 61, 779-803	17.9	52

77	Increased CUG triplet repeat-binding protein-1 predisposes to impaired adipogenesis with aging. *Journal of Biological Chemistry*, **2006**, 281, 23025-33	5.4	51
76	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	2.2	51
75	Histone deacetylase 3 supports endochondral bone formation by controlling cytokine signaling and matrix remodeling. *Science Signaling*, **2016**, 9, ra79	8.8	50
74	Discovery, development, and future application of senolytics: theories and predictions. *FEBS Journal*, **2020**, 287, 2418-2427	5.7	49
73	Increased renal cellular senescence in murine high-fat diet: effect of the senolytic drug quercetin. *Translational Research*, **2019**, 213, 112-123	11	48
72	Reducing Senescent Cell Burden in Aging and Disease. *Trends in Molecular Medicine*, **2020**, 26, 630-638	11.5	47
71	Whole-body senescent cell clearance alleviates age-related brain inflammation and cognitive impairment in mice. *Aging Cell*, **2021**, 20, e13296	9.9	47
70	Increased TNFalpha and CCAAT/enhancer-binding protein homologous protein with aging predispose preadipocytes to resist adipogenesis. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 293, E1810-9	6	46
69	Senescence and Cancer: A Review of Clinical Implications of Senescence and Senotherapies. *Cancers* , **2020**, 12,	6.6	46
68	Targeted Reduction of Senescent Cell Burden Alleviates Focal Radiotherapy-Related Bone Loss. *Journal of Bone and Mineral Research*, **2020**, 35, 1119-1131	6.3	40
67	IGF-I activation of the AKT pathway is impaired in visceral but not subcutaneous preadipocytes from obese subjects. *Endocrinology*, **2010**, 151, 3752-63	4.8	40
66	A toolbox for the longitudinal assessment of healthspan in aging mice. *Nature Protocols*, **2020**, 15, 540-574	13.8	38
65	Perspective: Targeting the JAK/STAT pathway to fight age-related dysfunction. *Pharmacological Research*, **2016**, 111, 152-154	10.2	37
64	Substance P promotes expansion of human mesenteric preadipocytes through proliferative and antiapoptotic pathways. *American Journal of Physiology - Renal Physiology*, **2009**, 296, G1012-9	5.1	36
63	Removal of growth hormone receptor (GHR) in muscle of male mice replicates some of the health benefits seen in global GHR-/- mice. *Aging*, **2015**, 7, 500-12	5.6	36
62	Human Obesity Induces Dysfunction and Early Senescence in Adipose Tissue-Derived Mesenchymal Stromal/Stem Cells. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 197	5.7	36
61	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	6.3	35
60	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	6.4	34

59	Targeting senescence improves angiogenic potential of adipose-derived mesenchymal stem cells in patients with preeclampsia. *Biology of Sex Differences*, **2019**, 10, 49	9.3	28
58	Inflammation and the depot-specific secretome of human preadipocytes. *Obesity*, **2015**, 23, 989-99	8	26
57	Neutrophils induce paracrine telomere dysfunction and senescence in ROS-dependent manner. *EMBO Journal*, **2021**, 40, e106048	13	26
56	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, E1145-53	6	25
55	Transplanting cells from old but not young donors causes physical dysfunction in older recipients. *Aging Cell*, **2020**, 19, e13106	9.9	24
54	Dasatinib plus quercetin prevents uterine age-related dysfunction and fibrosis in mice. *Aging*, **2020**, 12, 2711-2722	5.6	24
53	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	4.5	23
52	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, 1259-67	3.4	21
51	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	5.6	21
50	The enigmatic role of growth hormone in age-related diseases, cognition, and longevity. *GeroScience*, **2019**, 41, 759-774	8.9	20
49	The murine dialysis fistula model exhibits a senescence phenotype: pathobiological mechanisms and therapeutic potential. *American Journal of Physiology - Renal Physiology*, **2018**, 315, F1493-F1499	4.3	19
48	Current Views of the Fat Cell as an Endocrine Cell: Lipotoxicity **2006**, 105-123		19
47	Targeting Senescent Cells for a Healthier Aging: Challenges and Opportunities. *Advanced Science*, **2020**, 7, 2002611	13.6	19
46	Deleted in Breast Cancer 1 regulates cellular senescence during obesity. *Aging Cell*, **2014**, 13, 951-3	9.9	18
45	Cellular senescence in aging and age-related diseases: Implications for neurodegenerative diseases. *International Review of Neurobiology*, **2020**, 155, 203-234	4.4	16
44	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	0.9	15
43	Transplanted senescent renal scattered tubular-like cells induce injury in the mouse kidney. *American Journal of Physiology - Renal Physiology*, **2020**, 318, F1167-F1176	4.3	15
42	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, 163-72	5.5	14

41	IGF-I attenuates FFA-induced activation of JNK1 phosphorylation and TNF expression in human subcutaneous preadipocytes. *Obesity*, **2013**, 21, 1843-9	8	14
40	Increased cellular senescence in the murine and human stenotic kidney: Effect of mesenchymal stem cells. *Journal of Cellular Physiology*, **2021**, 236, 1332-1344	7	11
39	Partial inhibition of mitochondrial complex I ameliorates Alzheimer's disease pathology and cognition in APP/PS1 female mice. *Communications Biology*, **2021**, 4, 61	6.7	11
38	Different fat depots are distinct mini-organs. *Current Opinion in Endocrinology, Diabetes and Obesity* , **2001**, 8, 227-234		9
37	An inducible -Cre mouse model to monitor and manipulate -highly-expressing senescent cells .. *Nature Aging*, **2021**, 1, 962-973		9
36	Senolytics: Potential for Alleviating Diabetes and Its Complications. *Endocrinology*, **2021**, 162,	4.8	9
35	Fisetin for COVID-19 in skilled nursing facilities: Senolytic trials in the COVID era. *Journal of the American Geriatrics Society*, **2021**, 69, 3023-3033	5.6	9
34	Muscle-specific differences in expression and phosphorylation of the Janus kinase 2/Signal Transducer and Activator of Transcription 3 following long-term mechanical ventilation and immobilization in rats. *Acta Physiologica*, **2018**, 222, e12980	5.6	7
33	Immune checkpoint protein VSIG4 as a biomarker of aging in murine adipose tissue. *Aging Cell*, **2020**, 19, e13219	9.9	7
32	The Aging Adipose Organ: Lipid Redistribution, Inflammation, and Cellular Senescence **2014**, 69-80		6
31	Targeting p21 highly expressing cells in adipose tissue alleviates insulin resistance in obesity. *Cell Metabolism*, **2021**,	24.6	6
30	Senolytic Therapy to Modulate the Progression of Alzheimer's Disease (SToMP-AD): A Pilot Clinical Trial.. *journal of prevention of Alzheimer's disease, The*, **2022**, 9, 22-29	3.8	6
29	Progressive Cellular Senescence Mediates Renal Dysfunction in Ischemic Nephropathy. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 1987-2004	12.7	6
28	Cellular and Molecular Basis of Functional Differences among Fat Depots **2010**, 21-47		5
27	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	0.9	5
26	Senescent cells in human adipose tissue: A cross-sectional study. *Obesity*, **2021**, 29, 1320-1327	8	5
25	Epigenetic and senescence markers indicate an accelerated ageing-like state in women with preeclamptic pregnancies. *EBioMedicine*, **2021**, 70, 103536	8.8	5
24	FBF1 deficiency promotes beiging and healthy expansion of white adipose tissue. *Cell Reports*, **2021** , 36, 109481	10.6	5

23	Impact of Senescent Cell Subtypes on Tissue Dysfunction and Repair: Importance and Research Questions. *Mechanisms of Ageing and Development*, **2021**, 198, 111548	5.6	5
22	Therapeutic Approaches to Aging-Reply. *JAMA - Journal of the American Medical Association*, **2019**, 321, 901-902	27.4	4
21	Inflammatory characteristics of adipose tissue collected by surgical excision vs needle aspiration. *International Journal of Obesity*, **2015**, 39, 874-6	5.5	4
20	Quercetin Reverses Cardiac Systolic Dysfunction in Mice Fed with a High-Fat Diet: Role of Angiogenesis. *Oxidative Medicine and Cellular Longevity*, **2021**, 2021, 8875729	6.7	4
19	SARS-CoV-2 causes senescence in human cells and exacerbates the senescence-associated secretory phenotype through TLR-3. *Aging*, **2021**, 13, 21838-21854	5.6	4
18	Selective Vulnerability of Senescent Glioblastoma Cells to Bcl-XL Inhibition.. *Molecular Cancer Research*, **2022**,	6.6	4
17	Role of senescence in the chronic health consequences of COVID-19. *Translational Research*, **2021**,	11	3
16	Strategies for late phase preclinical and early clinical trials of senolytics. *Mechanisms of Ageing and Development*, **2021**, 200, 111591	5.6	3
15	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	3.9	3
14	Mechanisms of vascular dysfunction in the interleukin-10-deficient murine model of preeclampsia indicate nitric oxide dysregulation. *Kidney International*, **2021**, 99, 646-656	9.9	3
13	Targeted clearance of p21- but not p16-positive senescent cells prevents radiation-induced osteoporosis and increased marrow adiposity.. *Aging Cell*, **2022**, e13602	9.9	3
12	SMAD4 mutations and cross-talk between TGF-β/IFN-γ signaling accelerate rates of DNA damage and cellular senescence, resulting in a segmental progeroid syndrome-the Myhre syndrome. *GeroScience*, **2021**, 43, 1481-1496	8.9	2
11	Aging and Adipose Tissue **2011**, 119-139		1
10	Obesity, Senescence, and Senolytics. *Handbook of Experimental Pharmacology*, **2021**, 1	3.2	1
9	miR-146a-5p modulates cellular senescence and apoptosis in visceral adipose tissue of long-lived Ames dwarf mice and in cultured pre-adipocytes. *GeroScience*, **2021**, 1	8.9	1
8	Chronic HIV Infection and Aging: Application of a Geroscience-Guided Approach.. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2022**, 89, S34-S46	3.1	1
7	Length-independent telomere damage drives cardiomyocyte senescence		1
6	Selective kidney targeting increases the efficacy of mesenchymal stromal/stem cells for alleviation of murine stenotic-kidney senescence and damage.. *Journal of Tissue Engineering and Regenerative Medicine*, **2022**,	4.4	1

5	Orally-active, clinically-translatable senolytics restore αKlotho in mice and humans.. *EBioMedicine*, **2022**, 103912	8.8	1
4	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	4.5	1
3	Senescence in obesity: causes and consequences **2022**, 289-308		0
2	Discovery of Senolytics and the Pathway to Early Phase Clinical Trials. *Healthy Ageing and Longevity*, **2020**, 21-40	0.5	
1	The Way Forward: Translation **2016**, 593-622		