

# Tamar Tchkonina

## List of Publications by Year in Descending Order

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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.

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	Senescence in obesity: causes and consequences <b>2022</b> , 289-308		0
147	Senolytic Therapy to Modulate the Progression of Alzheimer's Disease (SToMP-AD): A Pilot Clinical Trial.. <i>Journal of prevention of Alzheimer's disease, The</i> , <b>2022</b> , 9, 22-29	3.8	6
146	Chronic HIV Infection and Aging: Application of a Geroscience-Guided Approach.. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2022</b> , 89, S34-S46	3.1	1
145	Selective kidney targeting increases the efficacy of mesenchymal stromal/stem cells for alleviation of murine stenotic-kidney senescence and damage.. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2022</b> ,	4.4	1
144	Orally-active, clinically-translatable senolytics restore $\beta$ Klotho in mice and humans.. <i>EBioMedicine</i> , <b>2022</b> , 103912	8.8	1
143	Targeted clearance of p21- but not p16-positive senescent cells prevents radiation-induced osteoporosis and increased marrow adiposity.. <i>Aging Cell</i> , <b>2022</b> , e13602	9.9	3
142	Palmitate induces DNA damage and senescence in human adipocytes in vitro that can be alleviated by oleic acid but not inorganic nitrate.. <i>Experimental Gerontology</i> , <b>2022</b> , 163, 111798	4.5	1
141	Selective Vulnerability of Senescent Glioblastoma Cells to Bcl-XL Inhibition.. <i>Molecular Cancer Research</i> , <b>2022</b> ,	6.6	4
140	Obesity, Senescence, and Senolytics. <i>Handbook of Experimental Pharmacology</i> , <b>2021</b> , 1	3.2	1
139	Role of senescence in the chronic health consequences of COVID-19. <i>Translational Research</i> , <b>2021</b> ,	11	3
138	miR-146a-5p modulates cellular senescence and apoptosis in visceral adipose tissue of long-lived Ames dwarf mice and in cultured pre-adipocytes. <i>GeroScience</i> , <b>2021</b> , 1	8.9	1
137	Targeting p21 highly expressing cells in adipose tissue alleviates insulin resistance in obesity. <i>Cell Metabolism</i> , <b>2021</b> ,	24.6	6
136	An inducible -Cre mouse model to monitor and manipulate -highly-expressing senescent cells .. <i>Nature Aging</i> , <b>2021</b> , 1, 962-973		9
135	Strategies for late phase preclinical and early clinical trials of senolytics. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 200, 111591	5.6	3
134	Neutrophils induce paracrine telomere dysfunction and senescence in ROS-dependent manner. <i>EMBO Journal</i> , <b>2021</b> , 40, e106048	13	26
133	Senolytics: Potential for Alleviating Diabetes and Its Complications. <i>Endocrinology</i> , <b>2021</b> , 162,	4.8	9
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. <i>Diabetes</i> , <b>2021</b> , 70, 1561-1574	0.9	5

131	JAK/STAT inhibition augments soleus muscle function in a rat model of critical illness myopathy via regulation of complement C3/3R. <i>Journal of Physiology</i> , <b>2021</b> , 599, 2869-2886	3.9	3
130	Senescent cells in human adipose tissue: A cross-sectional study. <i>Obesity</i> , <b>2021</b> , 29, 1320-1327	8	5
129	Senolytics reduce coronavirus-related mortality in old mice. <i>Science</i> , <b>2021</b> , 373,	33.3	60
128	Progressive Cellular Senescence Mediates Renal Dysfunction in Ischemic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2021</b> , 32, 1987-2004	12.7	6
127	New Horizons: Novel Approaches to Enhance Healthspan Through Targeting Cellular Senescence and Related Aging Mechanisms. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, e1481-e1487	5.6	21
126	Mechanisms of vascular dysfunction in the interleukin-10-deficient murine model of preeclampsia indicate nitric oxide dysregulation. <i>Kidney International</i> , <b>2021</b> , 99, 646-656	9.9	3
125	Increased cellular senescence in the murine and human stenotic kidney: Effect of mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 1332-1344	7	11
124	Senolytic Drugs: Reducing Senescent Cell Viability to Extend Health Span. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2021</b> , 61, 779-803	17.9	52
123	Whole-body senescent cell clearance alleviates age-related brain inflammation and cognitive impairment in mice. <i>Aging Cell</i> , <b>2021</b> , 20, e13296	9.9	47
122	Senolytic Combination of Dasatinib and Quercetin Alleviates Intestinal Senescence and Inflammation and Modulates the Gut Microbiome in Aged Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2021</b> , 76, 1895-1905	6.4	34
121	SMAD4 mutations and cross-talk between TGF- $\beta$ /NF $\kappa$ B signaling accelerate rates of DNA damage and cellular senescence, resulting in a segmental progeroid syndrome-the Myhre syndrome. <i>GeroScience</i> , <b>2021</b> , 43, 1481-1496	8.9	2
120	Quercetin Reverses Cardiac Systolic Dysfunction in Mice Fed with a High-Fat Diet: Role of Angiogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 8875729	6.7	4
119	Epigenetic and senescence markers indicate an accelerated ageing-like state in women with preeclamptic pregnancies. <i>EBioMedicine</i> , <b>2021</b> , 70, 103536	8.8	5
118	FBF1 deficiency promotes beige and healthy expansion of white adipose tissue. <i>Cell Reports</i> , <b>2021</b> , 36, 109481	10.6	5
117	Fisetin for COVID-19 in skilled nursing facilities: Senolytic trials in the COVID era. <i>Journal of the American Geriatrics Society</i> , <b>2021</b> , 69, 3023-3033	5.6	9
116	Impact of Senescent Cell Subtypes on Tissue Dysfunction and Repair: Importance and Research Questions. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 198, 111548	5.6	5
115	SARS-CoV-2 causes senescence in human cells and exacerbates the senescence-associated secretory phenotype through TLR-3. <i>Aging</i> , <b>2021</b> , 13, 21838-21854	5.6	4
114	Partial inhibition of mitochondrial complex I ameliorates Alzheimer's disease pathology and cognition in APP/PS1 female mice. <i>Communications Biology</i> , <b>2021</b> , 4, 61	6.7	11

113	The role of cellular senescence in ageing and endocrine disease. <i>Nature Reviews Endocrinology</i> , <b>2020</b> , 16, 263-275	15.2	133
112	Transplanted senescent renal scattered tubular-like cells induce injury in the mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , <b>2020</b> , 318, F1167-F1176	4.3	15
111	Discovery, development, and future application of senolytics: theories and predictions. <i>FEBS Journal</i> , <b>2020</b> , 287, 2418-2427	5.7	49
110	Transplanting cells from old but not young donors causes physical dysfunction in older recipients. <i>Aging Cell</i> , <b>2020</b> , 19, e13106	9.9	24
109	Targeted Reduction of Senescent Cell Burden Alleviates Focal Radiotherapy-Related Bone Loss. <i>Journal of Bone and Mineral Research</i> , <b>2020</b> , 35, 1119-1131	6.3	40
108	Senescent Cells: Emerging Targets for Human Aging and Age-Related Diseases. <i>Trends in Biochemical Sciences</i> , <b>2020</b> , 45, 578-592	10.3	55
107	Dasatinib plus quercetin prevents uterine age-related dysfunction and fibrosis in mice. <i>Aging</i> , <b>2020</b> , 12, 2711-2722	5.6	24
106	Discovery of Senolytics and the Pathway to Early Phase Clinical Trials. <i>Healthy Ageing and Longevity</i> , <b>2020</b> , 21-40	0.5	
105	Cellular senescence in aging and age-related diseases: Implications for neurodegenerative diseases. <i>International Review of Neurobiology</i> , <b>2020</b> , 155, 203-234	4.4	16
104	A toolbox for the longitudinal assessment of healthspan in aging mice. <i>Nature Protocols</i> , <b>2020</b> , 15, 540-578	8.8	38
103	Targeting Senescent Cells for a Healthier Aging: Challenges and Opportunities. <i>Advanced Science</i> , <b>2020</b> , 7, 2002611	13.6	19
102	Senolytic drugs: from discovery to translation. <i>Journal of Internal Medicine</i> , <b>2020</b> , 288, 518-536	10.8	178
101	CD38 ecto-enzyme in immune cells is induced during aging and regulates NAD and NMN levels. <i>Nature Metabolism</i> , <b>2020</b> , 2, 1284-1304	14.6	52
100	Senescence and Cancer: A Review of Clinical Implications of Senescence and Senotherapies. <i>Cancers</i> , <b>2020</b> , 12,	6.6	46
99	Senolytics prevent mt-DNA-induced inflammation and promote the survival of aged organs following transplantation. <i>Nature Communications</i> , <b>2020</b> , 11, 4289	17.4	55
98	Immune checkpoint protein VSIG4 as a biomarker of aging in murine adipose tissue. <i>Aging Cell</i> , <b>2020</b> , 19, e13219	9.9	7
97	Reducing Senescent Cell Burden in Aging and Disease. <i>Trends in Molecular Medicine</i> , <b>2020</b> , 26, 630-638	11.5	47
96	Human Obesity Induces Dysfunction and Early Senescence in Adipose Tissue-Derived Mesenchymal Stromal/Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 197	5.7	36

95	The enigmatic role of growth hormone in age-related diseases, cognition, and longevity. <i>GeroScience</i> , <b>2019</b> , 41, 759-774	8.9	20
94	Targeting senescence improves angiogenic potential of adipose-derived mesenchymal stem cells in patients with preeclampsia. <i>Biology of Sex Differences</i> , <b>2019</b> , 10, 49	9.3	28
93	Senolytics decrease senescent cells in humans: Preliminary report from a clinical trial of Dasatinib plus Quercetin in individuals with diabetic kidney disease. <i>EBioMedicine</i> , <b>2019</b> , 47, 446-456	8.8	356
92	Therapeutic Approaches to Aging-Reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 901-902	27.4	4
91	Independent Roles of Estrogen Deficiency and Cellular Senescence in the Pathogenesis of Osteoporosis: Evidence in Young Adult Mice and Older Humans. <i>Journal of Bone and Mineral Research</i> , <b>2019</b> , 34, 1407-1418	6.3	35
90	Targeting senescent cells alleviates obesity-induced metabolic dysfunction. <i>Aging Cell</i> , <b>2019</b> , 18, e12950	9.9	218
89	Aged-senescent cells contribute to impaired heart regeneration. <i>Aging Cell</i> , <b>2019</b> , 18, e12931	9.9	112
88	The NADase CD38 is induced by factors secreted from senescent cells providing a potential link between senescence and age-related cellular NAD decline. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 513, 486-493	3.4	59
87	Length-independent telomere damage drives post-mitotic cardiomyocyte senescence. <i>EMBO Journal</i> , <b>2019</b> , 38,	13	159
86	Increased renal cellular senescence in murine high-fat diet: effect of the senolytic drug quercetin. <i>Translational Research</i> , <b>2019</b> , 213, 112-123	11	48
85	Senescence marker activin A is increased in human diabetic kidney disease: association with kidney function and potential implications for therapy. <i>BMJ Open Diabetes Research and Care</i> , <b>2019</b> , 7, e000720 <sup>4-5</sup>	4.5	23
84	Obesity-Induced Cellular Senescence Drives Anxiety and Impairs Neurogenesis. <i>Cell Metabolism</i> , <b>2019</b> , 29, 1061-1077.e8	24.6	161
83	Senolytics in idiopathic pulmonary fibrosis: Results from a first-in-human, open-label, pilot study. <i>EBioMedicine</i> , <b>2019</b> , 40, 554-563	8.8	425
82	Cellular Senescence Biomarker p16INK4a+ Cell Burden in Thigh Adipose is Associated With Poor Physical Function in Older Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2018</b> , 73, 939-945	6.4	70
81	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. <i>Acta Physiologica</i> , <b>2018</b> , 222, e12980	5.6	7
80	The murine dialysis fistula model exhibits a senescence phenotype: pathobiological mechanisms and therapeutic potential. <i>American Journal of Physiology - Renal Physiology</i> , <b>2018</b> , 315, F1493-F1499	4.3	19
79	Senolytics improve physical function and increase lifespan in old age. <i>Nature Medicine</i> , <b>2018</b> , 24, 1246-1256	5.5	776
78	Targeting senescent cholangiocytes and activated fibroblasts with B-cell lymphoma-extra large inhibitors ameliorates fibrosis in multidrug resistance 2 gene knockout (Mdr2 ) mice. <i>Hepatology</i> , <b>2018</b> , 67, 247-259	11.2	70

77	Senescent cell clearance by the immune system: Emerging therapeutic opportunities. <i>Seminars in Immunology</i> , <b>2018</b> , 40, 101275	10.7	138
76	Premature Physiologic Aging as a Paradigm for Understanding Increased Risk of Adverse Health Across the Lifespan of Survivors of Childhood Cancer. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 2206-2215	2.2	51
75	Fisetin is a senotherapeutic that extends health and lifespan. <i>EBioMedicine</i> , <b>2018</b> , 36, 18-28	8.8	298
74	Aging, Cell Senescence, and Chronic Disease: Emerging Therapeutic Strategies. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 1319-1320	27.4	123
73	17 $\beta$ 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> , <b>2017</b> , 72, 3-15	6.4	61
72	Cellular senescence mediates fibrotic pulmonary disease. <i>Nature Communications</i> , <b>2017</b> , 8, 14532	17.4	616
71	Cellular Senescence: A Translational Perspective. <i>EBioMedicine</i> , <b>2017</b> , 21, 21-28	8.8	453
70	Cellular senescence drives age-dependent hepatic steatosis. <i>Nature Communications</i> , <b>2017</b> , 8, 15691	17.4	408
69	The Clinical Potential of Senolytic Drugs. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 2297-2301	5.6	290
68	Targeting cellular senescence prevents age-related bone loss in mice. <i>Nature Medicine</i> , <b>2017</b> , 23, 1072-1075	17.5	464
67	Identification of HSP90 inhibitors as a novel class of senolytics. <i>Nature Communications</i> , <b>2017</b> , 8, 422	17.4	312
66	Biology of premature ageing in survivors of cancer. <i>ESMO Open</i> , <b>2017</b> , 2, e000250	6	85
65	New agents that target senescent cells: the flavone, fisetin, and the BCL-X inhibitors, A1331852 and A1155463. <i>Aging</i> , <b>2017</b> , 9, 955-963	5.6	286
64	TNF $\beta$ senescence initiates a STAT-dependent positive feedback loop, leading to a sustained interferon signature, DNA damage, and cytokine secretion. <i>Aging</i> , <b>2017</b> , 9, 2411-2435	5.6	55
63	Transplanted Senescent Cells Induce an Osteoarthritis-Like Condition in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 780-785	6.4	111
62	Pathogenesis of pancreatic cancer exosome-induced lipolysis in adipose tissue. <i>Gut</i> , <b>2016</b> , 65, 1165-74	19.2	119
61	Histone deacetylase 3 supports endochondral bone formation by controlling cytokine signaling and matrix remodeling. <i>Science Signaling</i> , <b>2016</b> , 9, ra79	8.8	50
60	Growth Hormone Receptor Antagonist Transgenic Mice Have Increased Subcutaneous Adipose Tissue Mass, Altered Glucose Homeostasis and No Change in White Adipose Tissue Cellular Senescence. <i>Gerontology</i> , <b>2016</b> , 62, 163-72	5.5	14

59	Exercise Prevents Diet-Induced Cellular Senescence in Adipose Tissue. <i>Diabetes</i> , <b>2016</b> , 65, 1606-15	0.9	137
58	The Way Forward: Translation <b>2016</b> , 593-622		
57	Identification of Senescent Cells in the Bone Microenvironment. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 1920-1929	6.3	214
56	Perspective: Targeting the JAK/STAT pathway to fight age-related dysfunction. <i>Pharmacological Research</i> , <b>2016</b> , 111, 152-154	10.2	37
55	Identification of a novel senolytic agent, navitoclax, targeting the Bcl-2 family of anti-apoptotic factors. <i>Aging Cell</i> , <b>2016</b> , 15, 428-35	9.9	463
54	Chronic senolytic treatment alleviates established vasomotor dysfunction in aged or atherosclerotic mice. <i>Aging Cell</i> , <b>2016</b> , 15, 973-7	9.9	382
53	The Achilles Heel of senescent cells: from transcriptome to senolytic drugs. <i>Aging Cell</i> , <b>2015</b> , 14, 644-58	9.9	987
52	Frailty in childhood cancer survivors. <i>Cancer</i> , <b>2015</b> , 121, 1540-7	6.4	95
51	Cellular Senescence in Type 2 Diabetes: A Therapeutic Opportunity. <i>Diabetes</i> , <b>2015</b> , 64, 2289-98	0.9	211
50	Inflammatory characteristics of adipose tissue collected by surgical excision vs needle aspiration. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 874-6	5.5	4
49	Inflammation and the depot-specific secretome of human preadipocytes. <i>Obesity</i> , <b>2015</b> , 23, 989-99	8	26
48	Deleted in breast cancer 1 limits adipose tissue fat accumulation and plays a key role in the development of metabolic syndrome phenotype. <i>Diabetes</i> , <b>2015</b> , 64, 12-22	0.9	15
47	Cellular Senescence and the Biology of Aging, Disease, and Frailty. <i>Nestle Nutrition Institute Workshop Series</i> , <b>2015</b> , 83, 11-8	1.9	86
46	Targeting senescent cells enhances adipogenesis and metabolic function in old age. <i>ELife</i> , <b>2015</b> , 4, e12987	8.9	299
45	Clinical strategies and animal models for developing senolytic agents. <i>Experimental Gerontology</i> , <b>2015</b> , 68, 19-25	4.5	102
44	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> , <b>2015</b> , 112, E6301-10	11.5	357
43	TRAIL receptor deletion in mice suppresses the inflammation of nutrient excess. <i>Journal of Hepatology</i> , <b>2015</b> , 62, 1156-63	13.4	73
42	Removal of growth hormone receptor (GHR) in muscle of male mice replicates some of the health benefits seen in global GHR <sup>-/-</sup> mice. <i>Aging</i> , <b>2015</b> , 7, 500-12	5.6	36

41	The Aging Adipose Organ: Lipid Redistribution, Inflammation, and Cellular Senescence <b>2014</b> , 69-80		6
40	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. <i>Endocrinology</i> , <b>2014</b> , 155, 1793-805	4.8	95
39	Markers of cellular senescence are elevated in murine blastocysts cultured in vitro: molecular consequences of culture in atmospheric oxygen. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2014</b> , 31, 1259-67	3.4	21
38	Deleted in Breast Cancer 1 regulates cellular senescence during obesity. <i>Aging Cell</i> , <b>2014</b> , 13, 951-3	9.9	18
37	Cellular senescence and the senescent secretory phenotype in age-related chronic diseases. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2014</b> , 17, 324-8	3.8	170
36	Growth hormone action predicts age-related white adipose tissue dysfunction and senescent cell burden in mice. <i>Aging</i> , <b>2014</b> , 6, 575-86	5.6	91
35	IGF-I attenuates FFA-induced activation of JNK1 phosphorylation and TNF $\alpha$ expression in human subcutaneous preadipocytes. <i>Obesity</i> , <b>2013</b> , 21, 1843-9	8	14
34	Mechanisms and metabolic implications of regional differences among fat depots. <i>Cell Metabolism</i> , <b>2013</b> , 17, 644-656	24.6	388
33	Preferential impact of pregnancy-associated plasma protein-A deficiency on visceral fat in mice on high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 305, E1145-53	6	25
32	Cellular senescence and the senescent secretory phenotype: therapeutic opportunities. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 966-72	15.9	971
31	Sphingolipid content of human adipose tissue: relationship to adiponectin and insulin resistance. <i>Obesity</i> , <b>2012</b> , 20, 2341-7	8	58
30	Clearance of p16Ink4a-positive senescent cells delays ageing-associated disorders. <i>Nature</i> , <b>2011</b> , 479, 232-6	50.4	2098
29	Aging and Adipose Tissue <b>2011</b> , 119-139		1
28	Aging and regional differences in fat cell progenitors - a mini-review. <i>Gerontology</i> , <b>2011</b> , 57, 66-75	5.5	162
27	Identification of inducible brown adipocyte progenitors residing in skeletal muscle and white fat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 143-8	11.5	382
26	Fat tissue, aging, and cellular senescence. <i>Aging Cell</i> , <b>2010</b> , 9, 667-84	9.9	645
25	Sex- and depot-dependent differences in adipogenesis in normal-weight humans. <i>Obesity</i> , <b>2010</b> , 18, 1875-80	5	102
24	Cellular and Molecular Basis of Functional Differences among Fat Depots <b>2010</b> , 21-47		5



23	Activin a plays a critical role in proliferation and differentiation of human adipose progenitors. <i>Diabetes</i> , <b>2010</b> , 59, 2513-21	0.9	113
22	Regional differences in cellular mechanisms of adipose tissue gain with overfeeding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 18226-31	11.5	269
21	Aging, depot origin, and preadipocyte gene expression. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2010</b> , 65, 242-51	6.4	68
20	IGF-I activation of the AKT pathway is impaired in visceral but not subcutaneous preadipocytes from obese subjects. <i>Endocrinology</i> , <b>2010</b> , 151, 3752-63	4.8	40
19	Adipose tissue endothelial cells from obese human subjects: differences among depots in angiogenic, metabolic, and inflammatory gene expression and cellular senescence. <i>Diabetes</i> , <b>2010</b> , 59, 2755-63	0.9	183
18	Substance P promotes expansion of human mesenteric preadipocytes through proliferative and antiapoptotic pathways. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 296, G1012-9	5.1	36
17	Inducible Toll-like receptor and NF-kappaB regulatory pathway expression in human adipose tissue. <i>Obesity</i> , <b>2008</b> , 16, 932-7	8	155
16	Effects of dihydrotestosterone on differentiation and proliferation of human mesenchymal stem cells and preadipocytes. <i>Molecular and Cellular Endocrinology</i> , <b>2008</b> , 296, 32-40	4.4	125
15	Aging in adipocytes: potential impact of inherent, depot-specific mechanisms. <i>Experimental Gerontology</i> , <b>2007</b> , 42, 463-71	4.5	220
14	Aging results in paradoxical susceptibility of fat cell progenitors to lipotoxicity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 292, E1041-51	6	61
13	Identification of depot-specific human fat cell progenitors through distinct expression profiles and developmental gene patterns. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 292, E298-307	6	277
12	Increased TNFalpha and CCAAT/enhancer-binding protein homologous protein with aging predispose preadipocytes to resist adipogenesis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 293, E1810-9	6	46
11	Fat depot-specific characteristics are retained in strains derived from single human preadipocytes. <i>Diabetes</i> , <b>2006</b> , 55, 2571-8	0.9	189
10	Induction of colitis causes inflammatory responses in fat depots: evidence for substance P pathways in human mesenteric preadipocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 5207-12	11.5	70
9	Increased CUG triplet repeat-binding protein-1 predisposes to impaired adipogenesis with aging. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 23025-33	5.4	51
8	Current Views of the Fat Cell as an Endocrine Cell: Lipotoxicity <b>2006</b> , 105-123		19
7	Abundance of two human preadipocyte subtypes with distinct capacities for replication, adipogenesis, and apoptosis varies among fat depots. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2005</b> , 288, E267-77	6	190
6	Adipogenesis and aging: does aging make fat go MAD?. <i>Experimental Gerontology</i> , <b>2002</b> , 37, 757-67	4.5	268

5	Fat depot origin affects adipogenesis in primary cultured and cloned human preadipocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2002</b> , 282, R1286-96 <sup>3,2</sup>	194
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2	Different fat depots are distinct mini-organs. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2001</b> , 8, 227-234	9
1	Length-independent telomere damage drives cardiomyocyte senescence	1