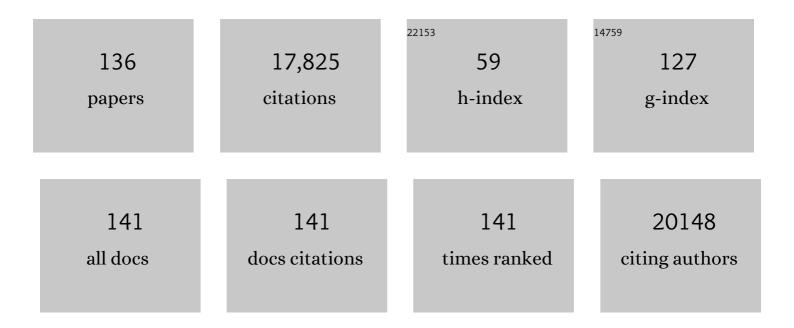
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Age-related disruption of the proteome and acetylome in mouse hearts is associated with loss of function and attenuated by elamipretide (SS-31) and nicotinamide mononucleotide (NMN) treatment. GeroScience, 2022, 44, 1621-1639.	4.6	8
2	Protocol for Isolation of Cardiomyocyte from Adult Mouse and Rat. Bio-protocol, 2022, 12, .	0.4	0
3	Non onventional dysplasia in inflammatory bowel disease is more frequently associated with advanced neoplasia and aneuploidy than conventional dysplasia. Histopathology, 2021, 78, 814-830.	2.9	29
4	A replication-linked mutational gradient drives somatic mutation accumulation and influences germline polymorphisms and genome composition in mitochondrial DNA. Nucleic Acids Research, 2021, 49, 11103-11118.	14.5	20
5	TOR Signaling Pathway in Cardiac Aging and Heart Failure. Biomolecules, 2021, 11, 168.	4.0	18
6	Cardiac aging. , 2021, , 323-344.		0
7	Nonampullary Duodenal Adenomas in Familial Adenomatous Polyposis and Sporadic Patients Lack the DNA Content Abnormality That Is Characteristic of the Adenoma-Carcinoma Sequence Involved in the Development of Other Gastrointestinal Malignancies. American Journal of Surgical Pathology, 2021, 45. 1694-1702.	3.7	3
8	Are fat and sugar just as detrimental in old age?. GeroScience, 2021, 43, 1615-1625.	4.6	6
9	Gastric Intestinal Metaplasia in Mucosa Adjacent to Gastric Cancers Is Rarely Associated With the Aneuploidy That Is Characteristic of Gastric Dysplasia or Cancer. American Journal of Surgical Pathology, 2021, 45, 1374-1381.	3.7	0
10	Persistent or recurrent Barrett's neoplasia after an endoscopic therapy session is associated with DNA content abnormality and can be detected by DNA flow cytometric analysis of paraffin-embedded tissue. Modern Pathology, 2021, 34, 1889-1900.	5.5	4
11	University of Washington Nathan Shock Center: innovation to advance aging research. GeroScience, 2021, 43, 2161-2165.	4.6	1
12	Role of DNA Flow Cytometry in the Diagnosis of Malignancy in Bile Duct Biopsies Using Paraffin-Embedded Tissue. American Journal of Clinical Pathology, 2021, , .	0.7	1
13	Elamipretide (SS-31) treatment attenuates age-associated post-translational modifications of heart proteins. GeroScience, 2021, 43, 2395-2412.	4.6	17
14	An Analysis of Metabolic Changes in the Retina and Retinal Pigment Epithelium of Aging Mice. , 2021, 62, 20.		5
15	Rapamycin persistently improves cardiac function in aged, male and female mice, even following cessation of treatment. Aging Cell, 2020, 19, e13086.	6.7	60
16	SSâ€31 and NMN: Two paths to improve metabolism and function in aged hearts. Aging Cell, 2020, 19, e13213.	6.7	38
17	DNA flow cytometric analysis of paraffin-embedded tissue for the diagnosis of malignancy in bile duct biopsies. Human Pathology, 2020, 99, 80-87.	2.0	7
18	Mitochondrial protein interaction landscape of SS-31. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15363-15373.	7.1	88

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19	Utility of DNA flow cytometry in distinguishing between malignant and benign intrahepatic biliary lesions. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 477, 527-534.	2.8	1
20	Transient and late-life rapamycin for healthspan extension. Aging, 2020, 12, 4050-4051.	3.1	4
21	Late-life restoration of mitochondrial function reverses cardiac dysfunction in old mice. ELife, 2020, 9, .	6.0	68
22	Reduction of elevated proton leak rejuvenates mitochondria in the aged cardiomyocyte. ELife, 2020, 9, .	6.0	54
23	Differential effects of various genetic mouse models of the mechanistic target of rapamycin complex I inhibition on heart failure. GeroScience, 2019, 41, 847-860.	4.6	10
24	DNA flow cytometric and interobserver study of crypt cell atypia in inflammatory bowel disease. Histopathology, 2019, 75, 578-588.	2.9	24
25	Diagnosis, risk stratification, and management of ampullary dysplasia by DNA flow cytometric analysis of paraffin-embedded tissue. Modern Pathology, 2019, 32, 1291-1302.	5.5	10
26	Improving mitochondrial function with SS-31 reverses age-related redox stress and improves exercise tolerance in aged mice. Free Radical Biology and Medicine, 2019, 134, 268-281.	2.9	101
27	Utility of DNA Flow Cytometric Analysis of Paraffin-embedded Tissue in the Risk Stratification and Management of †Indefinite for dysplasia' in Patients With Inflammatory Bowel Disease. Journal of Crohn's and Colitis, 2019, 13, 472-481.	1.3	13
28	Treatment with the mitochondrialâ€ŧargeted antioxidant peptide <scp>SS</scp> â€31 rescues neurovascular coupling responses and cerebrovascular endothelial function and improves cognition in aged mice. Aging Cell, 2018, 17, e12731.	6.7	128
29	Diagnosis and risk stratification of Barrett's dysplasia by flow cytometric DNA analysis of paraffin-embedded tissue. Gut, 2018, 67, 1229-1238.	12.1	29
30	Stable Isotope Labeling Reveals Novel Insights Into Ubiquitin-Mediated Protein Aggregation With Age, Calorie Restriction, and Rapamycin Treatment. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 561-570.	3.6	19
31	Use of DNA flow cytometry in the diagnosis, risk stratification, and management of gastric epithelial dysplasia. Modern Pathology, 2018, 31, 1578-1587.	5.5	13
32	<scp>DNA</scp> content analysis of colorectal serrated lesions detects an aneuploid subset of inflammatory bowel diseaseâ€associated serrated epithelial change and traditional serrated adenomas. Histopathology, 2018, 73, 464-472.	2.9	20
33	Autophagy and Proteostasis in Cardiac Aging. , 2018, , 171-186.		3
34	Heart specific knockout of Ndufs4 ameliorates ischemia reperfusion injury. Journal of Molecular and Cellular Cardiology, 2018, 123, 38-45.	1.9	35
35	Identifying ubiquitinated proteins and aggregates. Aging, 2018, 10, 2549-2550.	3.1	6
36	The mitochondrial-targeted peptide, SS-31, improves glomerular architecture in mice of advanced age. Kidney International, 2017, 91, 1126-1145.	5.2	85

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37	Mitochondrial-Targeted Catalase Protects Against High-Fat Diet–Induced Muscle Insulin Resistance by Decreasing Intramuscular Lipid Accumulation. Diabetes, 2017, 66, 2072-2081.	0.6	45
38	Rapamycin treatment attenuates age-associated periodontitis in mice. GeroScience, 2017, 39, 457-463.	4.6	61
39	Association of Aneuploidy and Flat Dysplasia With Development of High-Grade Dysplasia or Colorectal Cancer in Patients With Inflammatory Bowel Disease. Gastroenterology, 2017, 153, 1492-1495.e4.	1.3	50
40	Rapamycin transiently induces mitochondrial remodeling to reprogram energy metabolism in old hearts. Aging, 2016, 8, 314-327.	3.1	104
41	Mitochondrialâ€ŧargeted catalase is good for the old mouse proteome, but not for the young: â€~reverse' antagonistic pleiotropy?. Aging Cell, 2016, 15, 634-645.	6.7	33
42	Age modifies respiratory complex I and protein homeostasis in a muscle typeâ€specific manner. Aging Cell, 2016, 15, 89-99.	6.7	62
43	AMPK is critical for mitochondrial function during reperfusion after myocardial ischemia. Journal of Molecular and Cellular Cardiology, 2016, 91, 104-113.	1.9	62
44	Cardiac Aging. , 2016, , 459-494.		2
45	Modulating mTOR in Aging and Health. Interdisciplinary Topics in Gerontology, 2015, 40, 107-127.	3.6	96
46	Subacute calorie restriction and rapamycin discordantly alter mouse liver proteome homeostasis and reverse aging effects. Aging Cell, 2015, 14, 547-557.	6.7	73
47	Dose-dependent effects of mTOR inhibition on weight and mitochondrial disease in mice. Frontiers in Genetics, 2015, 6, 247.	2.3	83
48	High Goblet Cell Count Is Inversely Associated with Ploidy Abnormalities and Risk of Adenocarcinoma in Barrett's Esophagus. PLoS ONE, 2015, 10, e0133403.	2.5	23
49	Healthy aging: The ultimate preventative medicine. Science, 2015, 350, 1191-1193.	12.6	262
50	Quality control systems in cardiac aging. Ageing Research Reviews, 2015, 23, 101-115.	10.9	31
51	Outcome of "indefinite for dysplasia―in inflammatory bowel disease: correlation with DNA flow cytometry and other risk factors of colorectal cancer. Human Pathology, 2015, 46, 939-947.	2.0	16
52	Mitochondrial dysfunction in cardiac aging. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 1424-1433.	1.0	103
53	Respiratory chain protein turnover rates in mice are highly heterogeneous but strikingly conserved across tissues, ages, and treatments. FASEB Journal, 2015, 29, 3582-3592.	0.5	69
54	"Indefinite for Dysplasia―in Barrett's Esophagus: Inflammation and DNA Content Abnormality are Significant Predictors of Early Detection of Neoplasia. Clinical and Translational Gastroenterology, 2015, 6, e81.	2.5	11

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55	The Aging Heart: Figure 1 Cold Spring Harbor Perspectives in Medicine, 2015, 5, a025148.	6.2	153
56	Altered proteome turnover and remodeling by shortâ€ŧerm caloric restriction or rapamycin rejuvenate the aging heart. Aging Cell, 2014, 13, 529-539.	6.7	264
57	The Oxygen-Rich Postnatal Environment Induces Cardiomyocyte Cell-Cycle Arrest through DNA Damage Response. Cell, 2014, 157, 565-579.	28.9	688
58	Mitochondrial oxidative stress in aging and healthspan. Longevity & Healthspan, 2014, 3, 6.	6.7	354
59	Super-Suppression of Mitochondrial Reactive Oxygen Species Signaling Impairs Compensatory Autophagy in Primary Mitophagic Cardiomyopathy. Circulation Research, 2014, 115, 348-353.	4.5	163
60	Molecular mechanisms underlying genotypeâ€dependent responses to dietary restriction. Aging Cell, 2013, 12, 1050-1061.	6.7	137
61	Mitochondrial-targeted peptide rapidly improves mitochondrial energetics and skeletal muscle performance in aged mice. Aging Cell, 2013, 12, 763-771.	6.7	146
62	mTOR is a key modulator of ageing and age-related disease. Nature, 2013, 493, 338-345.	27.8	1,390
63	Mitochondria and Tumor Progression in Ulcerative Colitis. Journal of the National Cancer Institute, 2013, 105, 1239-1248.	6.3	47
64	Global Proteomics and Pathway Analysis of Pressure-Overload–Induced Heart Failure and Its Attenuation by Mitochondrial-Targeted Peptides. Circulation: Heart Failure, 2013, 6, 1067-1076.	3.9	126
65	mTOR Inhibition Alleviates Mitochondrial Disease in a Mouse Model of Leigh Syndrome. Science, 2013, 342, 1524-1528.	12.6	437
66	Mitochondria-targeted catalase reduces abnormal APP processing, amyloid production and BACE1 in a mouse model of Alzheimer's disease: implications for neuroprotection and lifespan extension. Human Molecular Genetics, 2012, 21, 2973-2990.	2.9	156
67	Topograph, a Software Platform for Precursor Enrichment Corrected Global Protein Turnover Measurements. Molecular and Cellular Proteomics, 2012, 11, 1468-1474.	3.8	52
68	Mitochondrial proteome remodelling in pressure overload-induced heart failure: the role of mitochondrial oxidative stress. Cardiovascular Research, 2012, 93, 79-88.	3.8	144
69	Pan-colonic field defects are detected by CGH in the colons of UC patients with dysplasia/cancer. Cancer Letters, 2012, 320, 180-188.	7.2	17
70	Cardiac Aging: From Molecular Mechanisms to Significance in Human Health and Disease. Antioxidants and Redox Signaling, 2012, 16, 1492-1526.	5.4	247
71	Mitochondria and Cardiovascular Aging. Circulation Research, 2012, 110, 1109-1124.	4.5	345
72	Mitochondrial Targeted Antioxidant Peptide Ameliorates Hypertensive Cardiomyopathy. Journal of the American College of Cardiology, 2011, 58, 73-82.	2.8	314

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73	Mitochondrial Oxidative Stress Mediates Angiotensin Il–Induced Cardiac Hypertrophy and Gαq Overexpression–Induced Heart Failure. Circulation Research, 2011, 108, 837-846.	4.5	450
74	Ulcerative Colitis–Associated Colorectal Cancer Arises in a Field of Short Telomeres, Senescence, and Inflammation. Cancer Research, 2011, 71, 1669-1679.	0.9	123
75	Ageâ€dependent cardiomyopathy in mitochondrial mutator mice is attenuated by overexpression of catalase targeted to mitochondria. Aging Cell, 2010, 9, 536-544.	6.7	242
76	Deletion at Fragile Sites Is a Common and Early Event in Barrett's Esophagus. Molecular Cancer Research, 2010, 8, 1084-1094.	3.4	40
77	Targeted Expression of Catalase to Mitochondria Prevents Age-Associated Reductions in Mitochondrial Function and Insulin Resistance. Cell Metabolism, 2010, 12, 668-674.	16.2	274
78	Cardiac Aging in Mice and Humans: The Role of Mitochondrial Oxidative Stress. Trends in Cardiovascular Medicine, 2009, 19, 213-220.	4.9	197
79	No telomere shortening in marrow stroma from patients with MDS. Annals of Hematology, 2009, 88, 623-628.	1.8	12
80	Overexpression of Catalase Targeted to Mitochondria Attenuates Murine Cardiac Aging. Circulation, 2009, 119, 2789-2797.	1.6	414
81	Mitochondrial H2O2 emission and cellular redox state link excess fat intake to insulin resistance in both rodents and humans. Journal of Clinical Investigation, 2009, 119, 573-581.	8.2	1,051
82	DNA deletions and clonal mutations drive premature aging in mitochondrial mutator mice. Nature Genetics, 2008, 40, 392-394.	21.4	360
83	Ulcerative Colitis Is a Disease of Accelerated Colon Aging: Evidence From Telomere Attrition and DNA Damage. Gastroenterology, 2008, 135, 410-418.	1.3	153
84	Genomic Biomarkers to Improve Ulcerative Colitis Neoplasia Surveillance. American Journal of Pathology, 2008, 173, 1853-1860.	3.8	30
85	Reduction of Age-Associated Pathology in Old Mice by Overexpression of Catalase in Mitochondria. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 813-822.	3.6	115
86	Increasing genomic instability during premalignant neoplastic progression revealed through high resolution array-CGH. Genes Chromosomes and Cancer, 2007, 46, 532-542.	2.8	72
87	Mitochondrial point mutations do not limit the natural lifespan of mice. Nature Genetics, 2007, 39, 540-543.	21.4	349
88	Genetic Mechanisms of TP53 Loss of Heterozygosity in Barrett's Esophagus: Implications for Biomarker Validation. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 509-516.	2.5	37
89	Genetic clonal diversity predicts progression to esophageal adenocarcinoma. Nature Genetics, 2006, 38, 468-473.	21.4	635
90	Chromosomal Instability in Barrett's Esophagus Is Related to Telomere Shortening. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 1451-1457.	2.5	59

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91	The cell cycle phases of DNA damage and repair initiated by topoisomerase II-targeting chemotherapeutic drugs. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 572, 27-44.	1.0	38
92	Quantitative Fluorescence In Situ Hybridization (QFISH) of Telomere Lengths in Tissue and Cells. Current Protocols in Cytometry, 2005, 33, Unit 12.6.	3.7	11
93	Extension of Murine Life Span by Overexpression of Catalase Targeted to Mitochondria. Science, 2005, 308, 1909-1911.	12.6	1,576
94	Telomere length assessment in tissue sections by quantitative FISH: Image analysis algorithms. Cytometry, 2004, 58A, 120-131.	1.8	72
95	Flow cytometric enrichment for respiratory epithelial cells in sputum. Cytometry, 2004, 60A, 1-7.	1.8	10
96	Chromosomal instability in pancreatic ductal cells from patients with chronic pancreatitis and pancreatic adenocarcinoma. Genes Chromosomes and Cancer, 2003, 37, 201-206.	2.8	29
97	Single Nucleotide Polymorphism Array Analysis of Flow-Sorted Epithelial Cells from Frozen Versus Fixed Tissues for Whole Genome Analysis of Allelic Loss in Breast Cancer. American Journal of Pathology, 2002, 160, 73-79.	3.8	35
98	Flow cytometric analysis of the cell cycle phase specificity of DNA damage induced by radiation, hydrogen peroxide and doxorubicin. Carcinogenesis, 2002, 23, 389-401.	2.8	66
99	Chromosomal instability in ulcerative colitis is related to telomere shortening. Nature Genetics, 2002, 32, 280-284.	21.4	317
100	Predictors of progression in Barrett's esophagus II: baseline 17p (p53) loss of heterozygosity identifies a patient subset at increased risk for neoplastic progression. American Journal of Gastroenterology, 2001, 96, 2839-2848.	0.4	353
101	Predictors of progression in Barrett's esophagus III: baseline flow cytometric variables. American Journal of Gastroenterology, 2001, 96, 3071-3083.	0.4	258
102	Werner syndrome cells are sensitive to DNA crossâ€linking drugs. FASEB Journal, 2001, 15, 1224-1226.	0.5	161
103	Evolution of neoplastic cell lineages in Barrett oesophagus. Nature Genetics, 1999, 22, 106-109.	21.4	409
104	Apoptotic Human Lymphocytes Have Diminished CD4 and CD8 Receptor Expression. Cellular Immunology, 1999, 193, 36-47.	3.0	18
105	Werner syndrome lymphoblastoid cells are sensitive to camptothecin-induced apoptosis in S-phase. Human Genetics, 1999, 104, 10-14.	3.8	167
106	Splenocyte Glutathione and CD3-Mediated Cell Proliferation Are Reduced in Mice Fed a Protein-Deficient Diet , ,. Journal of Nutrition, 1997, 127, 44-50.	2.9	24
107	Separation of cells at different times within G2 and mitosis by cyclin B1 flow cytometry. , 1997, 27, 250-254.		34
108	Cytokeratin immunofluorescence in DNA analysis of paraffin extracted cells. Clinical Immunology Newsletter, 1996, 16, 157-161.	0.1	0

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109	Probenicid inhibition of fluorescence extrusion after MCB-staining of rat-1 fibroblasts. Cytometry, 1996, 23, 78-81.	1.8	6
110	Cytokeratin labeling of breast cancer cells extracted from paraffin-embedded tissue for bivariate flow cytometric analysis. Cytometry, 1996, 24, 260-267.	1.8	45
111	Influence of age, sex, and dietary restriction on intracellular free calcium responses of CD4+ lymphocytes in rhesus monkeys (Macaca mulatta). Journal of Cellular Physiology, 1995, 162, 298-303.	4.1	18
112	De novo synthesis of glutathione is required for both entry into and progression through the cell cycle. Journal of Cellular Physiology, 1995, 163, 555-560.	4.1	155
113	Automated peak detection and cell cycle analysis of flow cytometric DNA histograms. Cytometry, 1994, 16, 250-255.	1.8	33
114	Improved sensitivity in flow cytometric intracellular ionized calcium measurement using fluo-3/Fura Red fluorescence ratios. Cytometry, 1994, 17, 135-141.	1.8	129
115	Trichomonas vaginalis: Dominant G2 Period and G2 Phase Arrest in a Representative of an Early Branching Eukaryotic Lineage. Journal of Eukaryotic Microbiology, 1994, 41, 408-414.	1.7	12
116	Guidelines for implementation of clinical DNA cytometry. Cytometry, 1993, 14, 472-477.	1.8	392
117	Consensus review of the clinical utility of dna flow cytometry in colorectal cancer. Cytometry, 1993, 14, 486-491.	1.8	111
118	Flow-cytometric and histological progression to malignancy in Barrett's esophagus: Prospective endoscopic surveillance of a cohort. Gastroenterology, 1992, 102, 1212-1219.	1.3	441
119	Neoplastic progression in ulcerative colitis: Histology, DNA content, and loss of a p53 allele. Gastroenterology, 1992, 103, 1602-1610.	1.3	277
120	Differential activity of recombinant lymphokines on mouse B cell proliferation and cell cycle progression are revealed by 5-bromo-2′-deoxyuridine/Hoechst 33258 dye flow cytometry. European Journal of Immunology, 1991, 21, 2153-2160.	2.9	5
121	Flow cytometric analysis of cell cycle-dependent changes in cell thiol level by combining a new laser dye with hoechst 33342. Cytometry, 1991, 12, 184-187.	1.8	111
122	Altered cell cycle responses to insulin-like growth factor I, but not platelet-derived growth factor and epidermal growth factor, in senescing human fibroblasts. Journal of Cellular Physiology, 1990, 144, 18-25.	4.1	18
123	Proliferative capacity of human peripheral blood lymphocytes sorted on the basis of glutathione content. Journal of Cellular Physiology, 1990, 145, 472-480.	4.1	68
124	The effects of bacterial lipopolysaccharide, anti-receptor antibodies and recombinant interferon on mouse B cell cycle progression using 5-bromo-2'-deoxyuridine/hoechst 33258 dye flow cytometry. European Journal of Immunology, 1989, 19, 1605-1612.	2.9	18
125	Platelet-derived growth factor, epidermal growth factor, and insulin-like growth factor I regulate specific cell-cycle parameters of human diploid fibroblasts in serum-free culture. Journal of Cellular Physiology, 1989, 140, 59-67.	4.1	38
126	Continuous bromodeoxyuridine labeling and bivariate ethidium bromide/hoechst flow cytometry in cell kinetics. Cytometry, 1989, 10, 222-226.	1.8	21

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127	Signal transduction through cd4 receptors: stimulatory vs. inhibitory activity is regulated by cd4 proximity to the cd31t cell receptor. European Journal of Immunology, 1988, 18, 525-532.	2.9	176
128	Bromodeoxyuridine amplifies the inhibitory effect of oxygen on cell proliferation. Cytometry, 1988, 9, 332-338.	1.8	23
129	Direct evidence of intercellular sharing of glutathione via metabolic cooperation. Journal of Cellular Physiology, 1988, 137, 353-359.	4.1	19
130	Disturbance of cell proliferation by two model compounds of lipid peroxidation contradicts causative role in proliferative senescence. Journal of Cellular Physiology, 1988, 137, 421-429.	4.1	50
131	Abnormal Lymphocyte Profiles and Leukotriene B4 Status in a Patient with Crohn's Disease and Severe Periodontitis. Journal of Periodontology, 1988, 59, 841-847.	3.4	23
132	Resistance to paraquat in a mammalian cell Line. Somatic Cell and Molecular Genetics, 1986, 12, 141-152.	0.7	8
133	Evidence for differences in the mechanism of cell cycle arrest between senescent and serum-deprived human fibroblasts: Heterokaryon and metabolic inhibitor studies. Journal of Cellular Physiology, 1984, 118, 97-103.	4.1	26
134	Regulation of growth of human diploid fibrobalasts by factors elaborated by activated lymphoid cells. Journal of Cellular Physiology, 1982, 111, 247-254.	4.1	22
135	Evidence that a critical threshold of DNA polymerase-alpha activity may be required for the initiation of DNA synthesis in mammalian cell heterokaryons. Journal of Cellular Physiology, 1982, 113, 141-151.	4.1	34
136	Effects of cytoskeletal disrupting agents on replication of bovine endothelium. Journal of Cellular Physiology, 1981, 108, 195-211.	4.1	56