Thomas von Zglinicki

List of Publications by Year in Descending Order

160 papers	20,447 citations	67 h-index	142 g-index
162 ext. papers	23,580 ext. citations	7.2 avg, IF	6.85 L-index

#	Paper	IF	Citations
160	Short senolytic or senostatic interventions rescue progression of radiation-induced frailty and premature ageing in mice.. *ELife*, **2022**, 11,	8.9	1
159	Neutrophils induce paracrine telomere dysfunction and senescence in ROS-dependent manner. *EMBO Journal*, **2021**, 40, e106048	13	26
158	Senescence in Post-Mitotic Cells: A Driver of Aging?. *Antioxidants and Redox Signaling*, **2021**, 34, 308-323	8.4	50
157	Surprisingly long survival of premature conclusions about naked mole-rat biology. *Biological Reviews*, **2021**, 96, 376-393	13.5	14
156	Whole-body senescent cell clearance alleviates age-related brain inflammation and cognitive impairment in mice. *Aging Cell*, **2021**, 20, e13296	9.9	47
155	How good is the evidence that cellular senescence causes skin ageing?. *Ageing Research Reviews*, **2021**, 71, 101456	12	7
154	Senescence and Inflammatory Markers for Predicting Clinical Progression in Parkinson's Disease: The ICICLE-PD Study. *Journal of Parkinson's Disease*, **2020**, 10, 193-206	5.3	22
153	Immunosenescence profiles are not associated with muscle strength, physical performance and sarcopenia risk in very old adults: The Newcastle 85+ Study. *Mechanisms of Ageing and Development* , **2020**, 190, 111321	5.6	2
152	Anti-inflammatory treatment rescues memory deficits during aging in nfkb1 mice. *Aging Cell*, **2020**, 19, e13188	9.9	17
151	Smoking does not accelerate leucocyte telomere attrition: a meta-analysis of 18 longitudinal cohorts. *Royal Society Open Science*, **2019**, 6, 190420	3.3	16
150	Sublethal whole-body irradiation causes progressive premature frailty in mice. *Mechanisms of Ageing and Development*, **2019**, 180, 63-69	5.6	11
149	Targeting senescent cells alleviates obesity-induced metabolic dysfunction. *Aging Cell*, **2019**, 18, e12950	9.9	218
148	The mTORC1-autophagy pathway is a target for senescent cell elimination. *Biogerontology*, **2019**, 20, 331-335	4.5	16
147	Senolytics and senostatics as adjuvant tumour therapy. *EBioMedicine*, **2019**, 41, 683-692	8.8	88
146	Bioengineering the microanatomy of human skin. *Journal of Anatomy*, **2019**, 234, 438-455	2.9	36
145	Cellular Senescence: Defining a Path Forward. *Cell*, **2019**, 179, 813-827	56.2	646
144	The bystander effect contributes to the accumulation of senescent cells in vivo. *Aging Cell*, **2019**, 18, e12848	9.9	92

143	Obesity-Induced Cellular Senescence Drives Anxiety and Impairs Neurogenesis. *Cell Metabolism*, **2019**, 29, 1061-1077.e8	24.6	161
142	The senescent bystander effect is caused by ROS-activated NF-B signalling. *Mechanisms of Ageing and Development*, **2018**, 170, 30-36	5.6	97
141	Metabolic memory of dietary restriction ameliorates DNA damage and adipocyte size in mouse visceral adipose tissue. *Experimental Gerontology*, **2018**, 113, 228-236	4.5	3
140	The DNA Damage Response in Neurons: Die by Apoptosis or Survive in a Senescence-Like State?. *Journal of Alzheimer's Disease*, **2017**, 60, S107-S131	4.3	56
139	Grip strength and inflammatory biomarker profiles in very old adults. *Age and Ageing*, **2017**, 46, 976-982	3	19
138	Persistent mTORC1 signaling in cell senescence results from defects in amino acid and growth factor sensing. *Journal of Cell Biology*, **2017**, 216, 1949-1957	7.3	58
137	Cellular senescence drives age-dependent hepatic steatosis. *Nature Communications*, **2017**, 8, 15691	17.4	408
136	Mitochondria in Cell Senescence: Is Mitophagy the Weakest Link?. *EBioMedicine*, **2017**, 21, 7-13	8.8	162
135	The Ageing Brain: Effects on DNA Repair and DNA Methylation in Mice. *Genes*, **2017**, 8,	4.2	18
134	Frailty in mouse ageing: A conceptual approach. *Mechanisms of Ageing and Development*, **2016**, 160, 34-40	5.6	28
133	Data from molecular dynamics simulations in support of the role of human CES1 in the hydrolysis of Amplex Red. *Data in Brief*, **2016**, 6, 865-70	1.2	2
132	Accelerated Aging in Bone Marrow Transplant Survivors. *JAMA Oncology*, **2016**, 2, 1267-1268	13.4	3
131	Carboxylesterase converts Amplex red to resorufin: Implications for mitochondrial H2O2 release assays. *Free Radical Biology and Medicine*, **2016**, 90, 173-83	7.8	62
130	Decreased mTOR signalling reduces mitochondrial ROS in brain via accumulation of the telomerase protein TERT within mitochondria. *Aging*, **2016**, 8, 2551-2567	5.6	47
129	SQSTM1/p62 mediates crosstalk between autophagy and the UPS in DNA repair. *Autophagy*, **2016**, 12, 1917-1930	10.2	93
128	Mitochondria are required for pro-ageing features of the senescent phenotype. *EMBO Journal*, **2016**, 35, 724-42	13	357
127	Longitudinal telomere length shortening and cognitive and physical decline in later life: The Lothian Birth Cohorts 1936 and 1921. *Mechanisms of Ageing and Development*, **2016**, 154, 43-8	5.6	34
126	CMV seropositivity and T-cell senescence predict increased cardiovascular mortality in octogenarians: results from the Newcastle 85+ study. *Aging Cell*, **2016**, 15, 389-92	9.9	71

125	Comparison of senescence-associated miRNAs in primary skin and lung fibroblasts. *Biogerontology*, **2015**, 16, 423-34	4.5	11
124	Inflammation, But Not Telomere Length, Predicts Successful Ageing at Extreme Old Age: A Longitudinal Study of Semi-supercentenarians. *EBioMedicine*, **2015**, 2, 1549-58	8.8	178
123	Is Southern blotting necessary to measure telomere length reproducibly? AuthorsRResponse to: Commentary: The reliability of telomere length measurements. *International Journal of Epidemiology*, **2015**, 44, 1686-7	7.8	7
122	Myocardial ischemia and reperfusion leads to transient CD8 immune deficiency and accelerated immunosenescence in CMV-seropositive patients. *Circulation Research*, **2015**, 116, 87-98	15.7	23
121	Reproducibility of telomere length assessment: an international collaborative study. *International Journal of Epidemiology*, **2015**, 44, 1673-83	7.8	109
120	Reproducibility of telomere length assessment: AuthorsRResponse to Damjan Krstajic and Ljubomir Buturovic. *International Journal of Epidemiology*, **2015**, 44, 1739-41	7.8	8
119	Gender and telomere length: systematic review and meta-analysis. *Experimental Gerontology*, **2014**, 51, 15-27	4.5	285
118	Atorvastatin induces T cell proliferation by a telomerase reverse transcriptase (TERT) mediated mechanism. *Atherosclerosis*, **2014**, 236, 312-20	3.1	28
117	Chronic inflammation induces telomere dysfunction and accelerates ageing in mice. *Nature Communications*, **2014**, 2, 4172	17.4	455
116	Inflammation, telomere length, and grip strength: a 10-year longitudinal study. *Calcified Tissue International*, **2014**, 95, 54-63	3.9	47
115	Acquisition of aberrant DNA methylation is associated with frailty in the very old: findings from the Newcastle 85+ Study. *Biogerontology*, **2014**, 15, 317-28	4.5	20
114	Low abundance of the matrix arm of complex I in mitochondria predicts longevity in mice. *Nature Communications*, **2014**, 5, 3837	17.4	128
113	Dynamic modelling of pathways to cellular senescence reveals strategies for targeted interventions. *PLoS Computational Biology*, **2014**, 10, e1003728	5	83
112	Rate of telomere shortening and cardiovascular damage: a longitudinal study in the 1946 British Birth Cohort. *European Heart Journal*, **2014**, 35, 3296-303	9.5	44
111	Assessment of sleep and circadian rhythm disorders in the very old: the Newcastle 85+ Cohort Study. *Age and Ageing*, **2014**, 43, 57-63	3	37
110	Biomarkers of healthy ageing: expectations and validation. *Proceedings of the Nutrition Society*, **2014**, 73, 422-9	2.9	13
109	Reactive oxygen species production and mitochondrial dysfunction in white blood cells are not valid biomarkers of ageing in the very old. *PLoS ONE*, **2014**, 9, e91005	3.7	11
108	Shared Ageing Research Models (ShARM): a new facility to support ageing research. *Biogerontology* , **2013**, 14, 789-94	4.5	5

107	Mitochondrial dysfunction in osteoarthritis is associated with down-regulation of superoxide dismutase 2. *Arthritis and Rheumatism*, **2013**, 65, 378-87		89
106	Measuring reactive oxygen species in senescent cells. *Methods in Molecular Biology*, **2013**, 965, 253-63	1.4	15
105	Tissue differences in BER-related incision activity and non-specific nuclease activity as measured by the comet assay. *Mutagenesis*, **2013**, 28, 673-81	2.8	9
104	A life course approach to biomarkers of ageing **2013**, 177-186		1
103	Telomere length and physical performance at older ages: an individual participant meta-analysis. *PLoS ONE*, **2013**, 8, e69526	3.7	30
102	Frailty and the role of inflammation, immunosenescence and cellular ageing in the very old: cross-sectional findings from the Newcastle 85+ Study. *Mechanisms of Ageing and Development*, **2012**, 133, 456-66	5.6	283
101	Postmitotic neurons develop a p21-dependent senescence-like phenotype driven by a DNA damage response. *Aging Cell*, **2012**, 11, 996-1004	9.9	299
100	Telomere length and aging biomarkers in 70-year-olds: the Lothian Birth Cohort 1936. *Neurobiology of Aging*, **2012**, 33, 1486.e3-8	5.6	55
99	A senescent cell bystander effect: senescence-induced senescence. *Aging Cell*, **2012**, 11, 345-9	9.9	400
98	Sustained telomere length in hepatocytes and cholangiocytes with increasing age in normal liver. *Hepatology*, **2012**, 56, 1510-20	11.2	45
97	Male mice retain a metabolic memory of improved glucose tolerance induced during adult onset, short-term dietary restriction. *Longevity & Healthspan*, **2012**, 1, 3		39
96	A stochastic step model of replicative senescence explains ROS production rate in ageing cell populations. *PLoS ONE*, **2012**, 7, e32117	3.7	43
95	Childhood growth, IQ and education as predictors of white blood cell telomere length at age 49-51 years: the Newcastle Thousand Families Study. *PLoS ONE*, **2012**, 7, e40116	3.7	17
94	Inflammation and not cardiovascular risk factors is associated with short leukocyte telomere length in 13- to 16-year-old adolescents. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 2029-34	9.4	41
93	Standardization and quality controls for the methylated DNA immunoprecipitation technique. *Epigenetics*, **2012**, 7, 615-25	5.7	16
92	Mitochondrial dysfunction and cell senescence--skin deep into mammalian aging. *Aging*, **2012**, 4, 74-5	5.6	18
91	Conserved cysteine residues in the mammalian lamin A tail are essential for cellular responses to ROS generation. *Aging Cell*, **2011**, 10, 1067-79	9.9	67
90	Gross energy metabolism in mice under late onset, short term caloric restriction. *Mechanisms of Ageing and Development*, **2011**, 132, 202-9	5.6	15

89	Assessment of a large panel of candidate biomarkers of ageing in the Newcastle 85+ study. *Mechanisms of Ageing and Development*, **2011**, 132, 496-502	5.6	90
88	Measuring DNA repair incision activity of mouse tissue extracts towards singlet oxygen-induced DNA damage: a comet-based in vitro repair assay. *Mutagenesis*, **2011**, 26, 461-71	2.8	33
87	Telomere length and anaemia in old age: results from the Newcastle 85-plus Study and the Leiden 85-plus Study. *Age and Ageing*, **2011**, 40, 494-500	3	11
86	An important role for CDK2 in G1 to S checkpoint activation and DNA damage response in human embryonic stem cells. *Stem Cells*, **2011**, 29, 651-9	5.8	103
85	Fat tissue, aging, and cellular senescence. *Aging Cell*, **2010**, 9, 667-84	9.9	645
84	Telomere shortening reduces regenerative capacity after acute kidney injury. *Journal of the American Society of Nephrology: JASN*, **2010**, 21, 327-36	12.7	99
83	Feedback between p21 and reactive oxygen production is necessary for cell senescence. *Molecular Systems Biology*, **2010**, 6, 347	12.2	578
82	Correction of radiolabel pulse-chase data by a mathematical model: application to mitochondrial turnover studies. *Biochemical Society Transactions*, **2010**, 38, 1322-8	5.1	3
81	Quantitative assessment of markers for cell senescence. *Experimental Gerontology*, **2010**, 45, 772-8	4.5	175
80	Adult-onset, short-term dietary restriction reduces cell senescence in mice. *Aging*, **2010**, 2, 555-66	5.6	103
79	DNA damage foci in mitosis are devoid of 53BP1. *Cell Cycle*, **2009**, 8, 3379-83	4.7	79
78	Association of mitochondrial haplogroup J and mtDNA oxidative damage in two different North Spain elderly populations. *Biogerontology*, **2009**, 10, 435-42	4.5	37
77	Cellular senescence: unravelling complexity. *Age*, **2009**, 31, 353-63		36
76	The relationship between the aging- and photo-dependent T414G mitochondrial DNA mutation with cellular senescence and reactive oxygen species production in cultured skin fibroblasts. *Journal of Investigative Dermatology*, **2009**, 129, 1361-6	4.3	19
75	DNA damage response and cellular senescence in tissues of aging mice. *Aging Cell*, **2009**, 8, 311-23	9.9	472
74	Architectural changes in the thymus of aging mice. *Aging Cell*, **2008**, 7, 158-67	9.9	84
73	Mitochondrial turnover in liver is fast in vivo and is accelerated by dietary restriction: application of a simple dynamic model. *Aging Cell*, **2008**, 7, 920-3	9.9	89
72	ssDNA fragments induce cell senescence by telomere uncapping. *Experimental Gerontology*, **2008**, 43, 892-9	4.5	15

71	Mitochondrial dysfunction is a possible cause of accelerated senescence of mesothelial cells exposed to high glucose. *Biochemical and Biophysical Research Communications*, **2008**, 366, 793-9	3.4	38
70	Telomerase does not counteract telomere shortening but protects mitochondrial function under oxidative stress. *Journal of Cell Science*, **2008**, 121, 1046-53	5.3	307
69	Downregulation of multiple stress defense mechanisms during differentiation of human embryonic stem cells. *Stem Cells*, **2008**, 26, 455-64	5.8	217
68	Telomeres, Senescence, Oxidative Stress, and Heterogeneity **2008**, 43-56		1
67	Mitochondria and ageing: winning and losing in the numbers game. *BioEssays*, **2007**, 29, 908-17	4.1	55
66	Cdkn1a deletion improves stem cell function and lifespan of mice with dysfunctional telomeres without accelerating cancer formation. *Nature Genetics*, **2007**, 39, 99-105	36.3	352
65	No association between socio-economic status and white blood cell telomere length. *Aging Cell*, **2007**, 6, 125-8	9.9	74
64	A continuous correlation between oxidative stress and telomere shortening in fibroblasts. *Experimental Gerontology*, **2007**, 42, 1039-42	4.5	234
63	TRF2 overexpression diminishes repair of telomeric single-strand breaks and accelerates telomere shortening in human fibroblasts. *Mechanisms of Ageing and Development*, **2007**, 128, 340-5	5.6	40
62	Telomere length is associated with left ventricular function in the oldest old: the Newcastle 85+ study. *European Heart Journal*, **2007**, 28, 172-6	9.5	69
61	Nucleoplasmic LAP2alpha-lamin A complexes are required to maintain a proliferative state in human fibroblasts. *Journal of Cell Biology*, **2007**, 176, 163-72	7.3	102
60	Mitochondrial dysfunction accounts for the stochastic heterogeneity in telomere-dependent senescence. *PLoS Biology*, **2007**, 5, e110	9.7	486
59	DNA damage in telomeres and mitochondria during cellular senescence: is there a connection?. *Nucleic Acids Research*, **2007**, 35, 7505-13	20.1	244
58	Premature senescence of mesothelial cells is associated with non-telomeric DNA damage. *Biochemical and Biophysical Research Communications*, **2007**, 362, 707-11	3.4	41
57	Oxidative DNA Damage and Telomere Shortening **2007**, 100-108		
56	Tumour-cell apoptosis after cisplatin treatment is not telomere dependent. *International Journal of Cancer*, **2006**, 118, 2727-34	7.5	13
55	Telomere length predicts poststroke mortality, dementia, and cognitive decline. *Annals of Neurology*, **2006**, 60, 174-80	9.4	208
54	Fat depot-specific characteristics are retained in strains derived from single human preadipocytes. *Diabetes*, **2006**, 55, 2571-8	0.9	189

53	Telomere shortening and haemodialysis. *Blood Purification*, **2006**, 24, 185-9	3.1	28
52	Oxygen free radicals in cell senescence: are they signal transducers?. *Free Radical Research*, **2006**, 40, 1277-83	4	86
51	Extended lifespan and long telomeres in rectal fibroblasts from late-onset ulcerative colitis patients. *European Journal of Gastroenterology and Hepatology*, **2006**, 18, 133-41	2.2	10
50	Telomere length in white blood cells is not associated with morbidity or mortality in the oldest old: a population-based study. *Aging Cell*, **2005**, 4, 287-90	9.9	261
49	Science fact and the SENS agenda. What can we reasonably expect from ageing research?. *EMBO Reports*, **2005**, 6, 1006-8	6.5	54
48	Mitochondria, telomeres and cell senescence. *Experimental Gerontology*, **2005**, 40, 466-72	4.5	110
47	Telomeres, cell senescence and human ageing. *Signal Transduction*, **2005**, 5, 103-114		14
46	The Role of Telomeres in Etoposide Induced Tumour Cell Death. *Cell Cycle*, **2004**, 3, 1167-1174	4.7	11
45	Stochastic variation in telomere shortening rate causes heterogeneity of human fibroblast replicative life span. *Journal of Biological Chemistry*, **2004**, 279, 17826-33	5.4	109
44	Relocalized redox-active lysosomal iron is an important mediator of oxidative-stress-induced DNA damage. *Biochemical Journal*, **2004**, 378, 1039-45	3.8	91
43	Telomere shortening in human fibroblasts is not dependent on the size of the telomeric-3Roverhang. *Aging Cell*, **2004**, 3, 103-9	9.9	36
42	Stress defense in murine embryonic stem cells is superior to that of various differentiated murine cells. *Stem Cells*, **2004**, 22, 962-71	5.8	207
41	Lysosomal redox-active iron is important for oxidative stress-induced DNA damage. *Annals of the New York Academy of Sciences*, **2004**, 1019, 285-8	6.5	20
40	Replicative senescence and the art of counting. *Experimental Gerontology*, **2003**, 38, 1259-64	4.5	57
39	MitoQ counteracts telomere shortening and elongates lifespan of fibroblasts under mild oxidative stress. *Aging Cell*, **2003**, 2, 141-3	9.9	161
38	A DNA damage checkpoint response in telomere-initiated senescence. *Nature*, **2003**, 426, 194-8	50.4	2025
37	Immortalisation of human ovarian surface epithelium with telomerase and temperature-sensitive SV40 large T antigen. *Experimental Cell Research*, **2003**, 288, 390-402	4.2	51
36	Extracellular superoxide dismutase is a major antioxidant in human fibroblasts and slows telomere shortening. *Journal of Biological Chemistry*, **2003**, 278, 6824-30	5.4	191

35	Telomeric Damage in Aging **2003**, 121-129		
34	Oxidative stress shortens telomeres. *Trends in Biochemical Sciences*, **2002**, 27, 339-44	10.3	1775
33	Replicative aging, telomeres, and oxidative stress. *Annals of the New York Academy of Sciences*, **2002**, 959, 24-9	6.5	195
32	Human fibroblasts in vitro senesce with a donor-specific telomere length. *FEBS Letters*, **2002**, 516, 71-4	3.8	21
31	hTERT gene dosage correlates with telomerase activity in human lung cancer cell lines. *Cancer Letters*, **2002**, 176, 81-91	9.9	37
30	Ribozyme-mediated telomerase inhibition induces immediate cell loss but not telomere shortening in ovarian cancer cells. *Cancer Gene Therapy*, **2001**, 8, 827-34	5.4	88
29	Stress, DNA damage and ageing -- an integrative approach. *Experimental Gerontology*, **2001**, 36, 1049-62	4.5	157
28	BJ fibroblasts display high antioxidant capacity and slow telomere shortening independent of hTERT transfection. *Free Radical Biology and Medicine*, **2001**, 31, 824-31	7.8	60
27	Telomeres and replicative senescence: Is it only length that counts?. *Cancer Letters*, **2001**, 168, 111-6	9.9	62
26	Accelerated telomere shortening in Fanconi anemia fibroblasts--a longitudinal study. *FEBS Letters*, **2001**, 506, 22-6	3.8	45
25	Role of oxidative stress in telomere length regulation and replicative senescence. *Annals of the New York Academy of Sciences*, **2000**, 908, 99-110	6.5	312
24	Telomere length as a marker of oxidative stress in primary human fibroblast cultures. *Annals of the New York Academy of Sciences*, **2000**, 908, 327-30	6.5	72
23	Proteasome inhibition by lipofuscin/ceroid during postmitotic aging of fibroblasts. *FASEB Journal*, **2000**, 14, 1490-8	0.9	209
22	Short telomeres in patients with vascular dementia: an indicator of low antioxidative capacity and a possible risk factor?. *Laboratory Investigation*, **2000**, 80, 1739-47	5.9	259
21	Research on ageing in Germany. *Experimental Gerontology*, **2000**, 35, 259-70	4.5	5
20	Accumulation of single-strand breaks is the major cause of telomere shortening in human fibroblasts. *Free Radical Biology and Medicine*, **2000**, 28, 64-74	7.8	406
19	Protein oxidation and degradation during proliferative senescence of human MRC-5 fibroblasts. *Free Radical Biology and Medicine*, **2000**, 28, 701-8	7.8	131
18	DNA Damage and Telomere Length in Human T Cells. *Rejuvenation Research*, **2000**, 3, 383-388		1

17	Protein oxidation and degradation during cellular senescence of human BJ fibroblasts: part I--effects of proliferative senescence. *FASEB Journal*, **2000**, 14, 2495-502	0.9	188
16	Proteasome inhibition by lipofuscin/ceroid during postmitotic aging of fibroblasts. *FASEB Journal*, **2000**, 14, 1490-1498	0.9	261
15	Telomere shortening triggers a p53-dependent cell cycle arrest via accumulation of G-rich single stranded DNA fragments. *Oncogene*, **1999**, 18, 5148-58	9.2	145
14	Telomeres: influencing the rate of aging. *Annals of the New York Academy of Sciences*, **1998**, 854, 318-27	6.5	32
13	Similar Gene Expression Patterns in Senescent and Hyperoxically Blocked Fibroblasts. *Annals of the New York Academy of Sciences*, **1998**, 854, 482-482	6.5	
12	Preferential accumulation of single-stranded regions in telomeres of human fibroblasts. *Experimental Cell Research*, **1998**, 239, 152-60	4.2	335
11	Mild hyperoxia shortens telomeres and inhibits proliferation of fibroblasts: a model for senescence?. *Experimental Cell Research*, **1995**, 220, 186-93	4.2	691
10	The measurement of water distribution in frozen specimens. *Journal of Microscopy*, **1991**, 161, 149-58	1.9	9
9	Ensuring the Validity of Results in Biological X-Ray Microanalysis. *Springer Series in Biophysics*, **1989**, 47-58		2
8	X-ray microanalysis with continuous specimen cooling: is it necessary?. *Journal of Microscopy*, **1988**, 151, 43-7	1.9	9
7	The intracellular distribution of ions and water in rat liver and heart muscle. *Journal of Microscopy*, **1987**, 146, 77-85	1.9	22
6	Estimation of organelle water fractions from frozen-dried cryosections. *Journal of Microscopy*, **1987**, 146, 67-75	1.9	11
5	Intracellular water and ionic shifts during growth and ageing of rats. *Mechanisms of Ageing and Development*, **1987**, 38, 179-87	5.6	11
4	A mitochondrial membrane hypothesis of aging. *Journal of Theoretical Biology*, **1987**, 127, 127-32	2.3	22
3	Fast cryofixation technique for X-ray microanalysis. *Journal of Microscopy*, **1986**, 141, 79-90	1.9	32
2	Quantitative R□tgenmikroanalyse biologischer Ultrad□nschnitte mit Aluminium-Kohle-Aufdampfschichten als Standards. *Acta Histochemica*, **1983**, 72, 195-201	2	6
1	Short senolytic or senostatic interventions rescue progression of radiation-induced frailty and premature ageing in mice		1