Laura J Niedernhofer

List of Publications by Year
in descending order

152 papers	18,300 citations	23500 58 h-index	14156 128 g-index
157 all docs	157 docs citations	157 times ranked	17093 citing authors

#	Article	IF	Citations
1	Cellular Senescence: Defining a Path Forward. Cell, 2019, 179, 813-827.	13.5	1,551
2	The Achillesâ€™ heel of senescent cells: from transcriptome to senolytic drugs. Aging Cell, 2015, 14, 644-658.	3.0	1,534
3	Senolytics improve physical function and increase lifespan in old age. Nature Medicine, 2018, 24, 1246-1256.	15.2	1,384
4	Identification of a novel senolytic agent, navitoclax, targeting the Bclâ€2 family of antiâ€apoptotic factors. Aging Cell, 2016, 15, 428-435.	3.0	717
5	A new progeroid syndrome reveals that genotoxic stress suppresses the somatotroph axis. Nature, 2006, 444, 1038-1043.	13.7	601
6	Fisetin is a senotherapeutic that extends health and lifespan. EBioMedicine, 2018, 36, 18-28.	2.7	554
7	New agents that target senescent cells: the flavone, fisetin, and the BCL-XL inhibitors, A1331852 and A1155463. Aging, 2017, 9, 955-963.	1.4	469
8	Identification of HSP90 inhibitors as a novel class of senolytics. Nature Communications, 2017, 8, 422.	5.8	466
9	The Structure-Specific Endonuclease Ercc1-Xpf Is Required To Resolve DNA Interstrand Cross-Link-Induced Double-Strand Breaks. Molecular and Cellular Biology, 2004, 24, 5776-5787.	1.1	445
10	Malondialdehyde, a Product of Lipid Peroxidation, Is Mutagenic in Human Cells. Journal of Biological Chemistry, 2003, 278, 31426-31433.	1.6	437
11	The Clinical Potential of Senolytic Drugs. Journal of the American Geriatrics Society, 2017, 65, 2297-2301.	1.3	416
12	An aged immune system drives senescence and ageing of solid organs. Nature, 2021, 594, 100-105.	13.7	368
13	NF-Î°B inhibition delays DNA damageâ€“induced senescence and aging in mice. Journal of Clinical Investigation, 2012, 122, 2601-2612.	3.9	358
14	ERCC1/XPF Removes the 3â€² Overhang from Uncapped Telomeres and Represses Formation of Telomeric DNA-Containing Double Minute Chromosomes. Molecular Cell, 2003, 12, 1489-1498.	4.5	349
15	Tet-Mediated Formation of 5-Hydroxymethylcytosine in RNA. Journal of the American Chemical Society, 2014, 136, 11582-11585.	6.6	282
16	Fanconi Anemia (Cross)linked to DNA Repair. Cell, 2005, 123, 1191-1198.	13.5	275
17	ERCC1-XPF Endonuclease Facilitates DNA Double-Strand Break Repair. Molecular and Cellular Biology, 2008, 28, 5082-5092.	1.1	268
18	Impaired Genome Maintenance Suppresses the Growth Hormoneâ€“Insulin-Like Growth Factor 1 Axis in Mice with Cockayne Syndrome. PLoS Biology, 2006, 5, e2.	2.6	200

#	Article	IF	Citations
19	Advances in Understanding the Complex Mechanisms of DNA Interstrand Cross-Link Repair. Cold Spring Harbor Perspectives in Biology, 2013, 5, a012732-a012732.	2.3	196
20	Senolytics reduce coronavirus-related mortality in old mice. Science, 2021, 373, .	6.0	184
21	DNA damageâ€"how and why we age?. ELife, 2021, 10, .	2.8	184
22	First Reported Patient with Human ERCC1 Deficiency Has Cerebro-Oculo-Facio-Skeletal Syndrome with a Mild Defect in Nucleotide Excision Repair and Severe Developmental Failure. American Journal of Human Genetics, 2007, 80, 457-466.	2.6	182
23	Muscle-derived stem/progenitor cell dysfunction limits healthspan and lifespan in a murine progeria model. Nature Communications, 2012, 3, 608.	5.8	180
24	Delayed and Accelerated Aging Share Common Longevity Assurance Mechanisms. PLoS Genetics, 2008, 4, e1000161.	1.5	178
25	Nuclear Genomic Instability and Aging. Annual Review of Biochemistry, 2018, 87, 295-322.	5.0	178
26	Tissue specificity of senescent cell accumulation during physiologic and accelerated aging of mice. Aging Cell, 2020, 19, e13094.	3.0	172
27	Systems biology guided by XCMS Online metabolomics. Nature Methods, 2017, 14, 461-462.	9.0	168
28	Therapy-Induced Senescence: Opportunities to Improve Anticancer Therapy. Journal of the National Cancer Institute, 2021, 113, 1285-1298.	3.0	156
29	Senolytic Drugs: Reducing Senescent Cell Viability to Extend Health Span. Annual Review of Pharmacology and Toxicology, 2021, 61, 779-803.	4.2	151
30	NF-Îºß in Aging and Disease. , 2011, 2, 449-65.		150
31	Mitochondrialâ€derived reactive oxygen species (ROS) play a causal role in agingâ€related intervertebral disc degeneration. Journal of Orthopaedic Research, 2013, 31, 1150-1157.	1.2	148
32	Targeting cellular senescence with senotherapeutics: senolytics and senomorphics. FEBS Journal, 2023, 290, 1362-1383.	2.2	140
33	Divide and conquer: nucleotide excision repair battles cancer and ageing. Current Opinion in Cell Biology, 2003, 15, 232-240.	2.6	136
34	Physiological consequences of defects in ERCC1â€"XPF DNA repair endonuclease. DNA Repair, 2011, 10, 781-791.	1.3	134
35	Occurrence, Biological Consequences, and Human Health Relevance of Oxidative Stress-Induced DNA Damage. Chemical Research in Toxicology, 2016, 29, 2008-2039.	1.7	131
36	Reduced hematopoietic reserves in DNA interstrand crosslink repair-deficient Ercc1â^'/â^' mice. EMBO Journal, 2005, 24, 861-871.	3.5	130

#	Article	IF	Citations
37	Senotherapeutics for healthy ageing. Nature Reviews Drug Discovery, 2018, 17, 377-377.	21.5	126
38	XPF-ERCC1 Participates in the Fanconi Anemia Pathway of Cross-Link Repair. Molecular and Cellular Biology, 2009, 29, 6427-6437.	1.1	121
39	Targeting of XJB-5-131 to Mitochondria Suppresses Oxidative DNA Damage and Motor Decline in a Mouse Model of Huntingtonâ€™s Disease. Cell Reports, 2012, 2, 1137-1142.	2.9	121
40	Systemic clearance of p16^{INK4a}â€positive senescent cells mitigates ageâ€associated intervertebral disc degeneration. Aging Cell, 2019, 18, e12927.	3.0	118
41	The oxidative DNA lesions 8,5â€²â€cyclopurines accumulate with aging in a tissueâ€specific manner. Aging Cell, 2012, 11, 714-716.	3.0	117
42	Senolytic Combination of Dasatinib and Quercetin Alleviates Intestinal Senescence and Inflammation and Modulates the Gut Microbiome in Aged Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1895-1905.	1.7	113
43	A mouse model of accelerated liver aging caused by a defect in DNA repair. Hepatology, 2012, 55, 609-621.	3.6	106
44	Spontaneous DNA damage to the nuclear genome promotes senescence, redox imbalance and aging. Redox Biology, 2018, 17, 259-273.	3.9	103
45	DNA Damage Triggers a Chronic Autoinflammatory Response, Leading to Fat Depletion in NER Progeria. Cell Metabolism, 2013, 18, 403-415.	7.2	102
46	Increased genomic instability is not a prerequisite for shortened lifespan in DNA repair deficient mice. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 596, 22-35.	0.4	100
47	DNA damage drives accelerated bone aging via an NF-Î²Bâ€“dependent mechanism. Journal of Bone and Mineral Research, 2013, 28, 1214-1228.	3.1	98
48	The XPA-binding domain of ERCC1 Is Required for Nucleotide Excision Repair but Not Other DNA Repair Pathways. Journal of Biological Chemistry, 2010, 285, 3705-3712.	1.6	97
49	Immunodetection of DNA Repair Endonuclease ERCC1-XPF in Human Tissue. Cancer Research, 2009, 69, 6831-6838.	0.4	95
50	ERCC1 and Nonâ€“Small-Cell Lung Cancer. New England Journal of Medicine, 2007, 356, 2538-2541.	13.9	83
51	Expansion of myeloid-derived suppressor cells with aging in the bone marrow of mice through a NF-ÎºB-dependent mechanism. Aging Cell, 2017, 16, 480-487.	3.0	80
52	Accelerated aging of intervertebral discs in a mouse model of progeria. Journal of Orthopaedic Research, 2010, 28, 1600-1607.	1.2	79
53	Broad segmental progeroid changes in short-lived Ercc1 ^{â^'/Î”7} mice. Pathobiology of Aging & Age Related Diseases, 2011, 1, 7219.	1.1	79
54	Circulating levels of monocyte chemoattractant proteinâ€1 as a potential measure of biological age in mice and frailty in humans. Aging Cell, 2018, 17, e12706.	3.0	77

#	Article	IF	Citations
55	An overview of underlying causes and animal models for the study of ageâ€related degenerative disorders of the spine and synovial joints. Journal of Orthopaedic Research, 2013, 31, 831-837.	1.2	72
56	A quantitative assay for assessing the effects of DNA lesions on transcription. Nature Chemical Biology, 2012, 8, 817-822.	3.9	71
57	Isolation of Muscle-Derived Stem/Progenitor Cells Based on Adhesion Characteristics to Collagen-Coated Surfaces. Methods in Molecular Biology, 2013, 976, 53-65.	0.4	69
58	ISSLS Prize Winner. Spine, 2012, 37, 1819-1825.	1.0	68
59	Hsp90 inhibitors as senolytic drugs to extend healthy aging. Cell Cycle, 2018, 17, 1048-1055.	1.3	64
60	Urinary Extracellular Vesicles Carrying Klotho Improve the Recovery of Renal Function in an Acute Tubular Injury Model. Molecular Therapy, 2020, 28, 490-502.	3.7	64
61	Mesenchymal stem cellâ€derived extracellular vesicles reduce senescence and extend health span in mouse models of aging. Aging Cell, 2021, 20, e13337.	3.0	63
62	DNA repair is crucial for maintaining hematopoietic stem cell function. DNA Repair, 2008, 7, 523-529.	1.3	59
63	Development of clinical trials to extend healthy lifespan. Cardiovascular Endocrinology and Metabolism, 2018, 7, 80-83.	0.5	59
64	Mislocalization of XPF-ERCC1 Nuclease Contributes to Reduced DNA Repair in XP-F Patients. PLoS Genetics, 2010, 6, e1000871.	1.5	57
65	Investigating the role of DNA damage in tobacco smoking-induced spine degeneration. Spine Journal, 2014, 14, 416-423.	0.6	57
66	Strategies to Prevent or Remediate Cancer and Treatment-Related Aging. Journal of the National Cancer Institute, 2021, 113, 112-122.	3.0	57
67	NF-Î°B Negatively Impacts the Myogenic Potential of Muscle-derived Stem Cells. Molecular Therapy, 2012, 20, 661-668.	3.7	56
68	Cellular Senescence in Intervertebral Disc Aging and Degeneration. Current Molecular Biology Reports, 2018, 4, 180-190.	0.8	55
69	ATM is a key driver of NF-Î°B-dependent DNA-damage-induced senescence, stem cell dysfunction and aging. Aging, 2020, 12, 4688-4710.	1.4	54
70	Simultaneous Quantification of Methylated Cytidine and Adenosine in Cellular and Tissue RNA by Nano-Flow Liquid Chromatographyâ€“Tandem Mass Spectrometry Coupled with the Stable Isotope-Dilution Method. Analytical Chemistry, 2015, 87, 7653-7659.	3.2	53
71	SARS-CoV-2 causes senescence in human cells and exacerbates the senescence-associated secretory phenotype through TLR-3. Aging, 2021, 13, 21838-21854.	1.4	51
72	Molecular damage in aging. Nature Aging, 2021, 1, 1096-1106.	5.3	51

#	Article	IF	Citations
73	XPF Expression Correlates with Clinical Outcome in Squamous Cell Carcinoma of the Head and Neck. Clinical Cancer Research, 2011, 17, 5513-5522.	3.2	50
74	Molecular pathology endpoints useful for aging studies. Ageing Research Reviews, 2017, 35, 241-249.	5.0	50
75	Hyper telomere recombination accelerates replicative senescence and may promote premature aging. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15768-15773.	3.3	49
76	Comparison of mice with accelerated aging caused by distinct mechanisms. Experimental Gerontology, 2015, 68, 43-50.	1.2	48
77	Heterochronic parabiosis regulates the extent of cellular senescence in multiple tissues. GeroScience, 2020, 42, 951-961.	2.1	48
78	Tissue-specific accelerated aging in nucleotide excision repair deficiency. Mechanisms of Ageing and Development, 2008, 129, 408-415.	2.2	47
79	Bupivacaine decreases cell viability and matrix protein synthesis in an intervertebral disc organ model system. Spine Journal, 2011, 11, 139-146.	0.6	47
80	Temperature-Dependent Formation of a Conjugate between Tris(hydroxymethyl)aminomethane Buffer and the Malondialdehydeâ”DNA Adduct Pyrimidopurinone. Chemical Research in Toxicology, 1997, 10, 556-561.	1.7	46
81	Signaling mechanisms involved in the response to genotoxic stress and regulating lifespan. International Journal of Biochemistry and Cell Biology, 2008, 40, 176-180.	1.2	43
82	Genotoxic stress accelerates age-associated degenerative changes in intervertebral discs. Mechanisms of Ageing and Development, 2013, 134, 35-42.	2.2	42
83	Identification of microRNAs dysregulated in cellular senescence driven by endogenous genotoxic stress. Aging, 2013, 5, 460-473.	1.4	42
84	Cytoskeleton stiffness regulates cellular senescence and innate immune response in Hutchinsonâ€“Gilford Progeria Syndrome. Aging Cell, 2020, 19, e13152.	3.0	41
85	Recent advances in the discovery of senolytics. Mechanisms of Ageing and Development, 2021, 200, 111587.	2.2	41
86	Targeted clearance of p21â€•but not p16â€positive senescent cells prevents radiationâ€induced osteoporosis and increased marrow adiposity. Aging Cell, 2022, 21, e13602.	3.0	40
87	Nucleotide excision repair deficient mouse models and neurological disease. DNA Repair, 2008, 7, 1180-1189.	1.3	39
88	Pre-treatment tumor expression of ERCC1 in women with advanced stage epithelial ovarian cancer is not predictive of clinical outcomes: A gynecologic oncology group study. Gynecologic Oncology, 2012, 125, 421-426.	0.6	39
89	Dysregulation of DAF-16/FOXO3A-mediated stress responses accelerates oxidative DNA damage induced aging. Redox Biology, 2018, 18, 191-199.	3.9	39
90	Rapamycin Rescues Age-Related Changes in Muscle-Derived Stem/Progenitor Cells from Progeroid Mice. Molecular Therapy - Methods and Clinical Development, 2019, 14, 64-76.	1.8	39

#	Article	IF	Citations
91	Premature aging-related peripheral neuropathy in a mouse model of progeria. Mechanisms of Ageing and Development, 2011, 132, 437-442.	2.2	37
92	Deletion of the Nucleotide Excision Repair Gene Ercc1 Reduces Immunoglobulin Class Switching and Alters Mutations Near Switch Recombination Junctions. Journal of Experimental Medicine, 2004, 200, 321-330.	4.2	36
93	Role of Cellular Senescence in Type II Diabetes. Endocrinology, 2021, 162, .	1.4	36
94	Endogenous formation and repair of oxidatively induced G[8-5â€‰m]T intrastrand cross-link lesion. Nucleic Acids Research, 2012, 40, 7368-7374.	6.5	35
95	Fisetin for <scp>COVID</scp>â€19 in skilled nursing facilities: Senolytic trials in the <scp>COVID</scp> era. Journal of the American Geriatrics Society, 2021, 69, 3023-3033.	1.3	35
96	Senescent intervertebral disc cells exhibit perturbed matrix homeostasis phenotype. Mechanisms of Ageing and Development, 2017, 166, 16-23.	2.2	34
97	Xeroderma pigmentosum and other diseases of human premature aging and DNA repair: Molecules to patients. Mechanisms of Ageing and Development, 2011, 132, 340-347.	2.2	32
98	Genetics of extreme human longevity to guide drug discovery for healthy ageing. Nature Metabolism, 2020, 2, 663-672.	5.1	32
99	ARDD 2020: from aging mechanisms to interventions. Aging, 2020, 12, 24484-24503.	1.4	32
100	The Fanconi Anemia Signalosome Anchor. Molecular Cell, 2007, 25, 487-490.	4.5	31
101	Comparison of ERCC1/XPF genetic variation, mRNA and protein levels in women with advanced stage ovarian cancer treated with intraperitoneal platinum. Gynecologic Oncology, 2012, 126, 448-454.	0.6	31
102	ERCC1 and XRCC1 as biomarkers for lung and head and neck cancer. Pharmacogenomics and Personalized Medicine, 2011, 4, 47.	0.4	30
103	Mouse Models of Accelerated Cellular Senescence. Methods in Molecular Biology, 2019, 1896, 203-230.	0.4	30
104	Multiple DNA Binding Domains Mediate the Function of the ERCC1-XPF Protein in Nucleotide Excision Repair. Journal of Biological Chemistry, 2012, 287, 21846-21855.	1.6	29
105	Development of novel NEMO-binding domain mimetics for inhibiting IKK/NF-ÎºB activation. PLoS Biology, 2018, 16, e2004663.	2.6	29
106	Pharmacologic IKK/NF-ÎºB inhibition causes antigen presenting cells to undergo TNFÎ± dependent ROS-mediated programmed cell death. Scientific Reports, 2014, 4, 3631.	1.6	27
107	mTOR signaling plays a critical role in the defects observed in muscle-derived stem/progenitor cells isolated from a murine model of accelerated aging. Journal of Orthopaedic Research, 2017, 35, 1375-1382.	1.2	27
108	A New Preclinical Paradigm for Testing Anti-Aging Therapeutics. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 760-762.	1.7	26

#	Article	IF	Citations
109	Novel small molecule inhibition of IKK/NFâ€ÎºB activation reduces markers of senescence and improves healthspan in mouse models of aging. Aging Cell, 2021, 20, e13486.	3.0	24
110	Cell Autonomous and Nonautonomous Mechanisms Drive Hematopoietic Stem/progenitor Cell Loss in the Absence of DNA Repair. Stem Cells, 2013, 31, 511-525.	1.4	23
111	ERCC4 variants identified in a cohort of patients with segmental progeroid syndromes. Human Mutation, 2018, 39, 255-265.	1.1	23
112	Signal Transduction, Ageing and Disease. Sub-Cellular Biochemistry, 2019, 91, 227-247.	1.0	23
113	Barriers to the Preclinical Development of Therapeutics that Target Aging Mechanisms: Table 1.. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1388-1394.	1.7	22
114	Oxidative stress-induced senescence markedly increases disc cell bioenergetics. Mechanisms of Ageing and Development, 2019, 180, 97-106.	2.2	22
115	Molecular mechanisms and cardiovascular implications of cancer therapy-induced senescence. , 2021, 221, 107751.		22
116	Rare genetic coding variants associated with human longevity and protection against age-related diseases. Nature Aging, 2021, 1, 783-794.	5.3	22
117	Choline phosphate cytidylyltransferaseâ€Î± is a novel antigen detected by the antiâ€ERCC1 antibody 8F1 with biomarker value in patients with lung and head and neck squamous cell carcinomas. Cancer, 2014, 120, 1898-1907.	2.0	21
118	Murine models of accelerated aging and musculoskeletal disease. Bone, 2019, 125, 122-127.	1.4	20
119	ADAMTS5 Deficiency Protects Mice From Chronic Tobacco Smoking-induced Intervertebral Disc Degeneration. Spine, 2017, 42, 1521-1528.	1.0	19
120	Attenuation of ataxia telangiectasia mutated signalling mitigates ageâ€associated intervertebral disc degeneration. Aging Cell, 2020, 19, e13162.	3.0	18
121	Extending human healthspan and longevity: a symposium report. Annals of the New York Academy of Sciences, 2022, 1507, 70-83.	1.8	18
122	ERCC1-deficient cells and mice are hypersensitive to lipid peroxidation. Free Radical Biology and Medicine, 2018, 124, 79-96.	1.3	13
123	Creating the Next Generation of Translational Geroscientists. Journal of the American Geriatrics Society, 2019, 67, 1934-1939.	1.3	13
124	SA-β-Galactosidase-Based Screening Assay for the Identification of Senotherapeutic Drugs. Journal of Visualized Experiments, 2019, , .	0.2	13
125	Methods to Quantify the NF-ÎºB Pathway During Senescence. Methods in Molecular Biology, 2019, 1896, 231-250.	0.4	13
126	Genetic signature of human longevity in PKC and NFâ€ÎºB signaling. Aging Cell, 2021, 20, e13362.	3.0	12

#	Article	IF	Citations
127	Quantitative Analysis of Cellular Senescence in Culture and In Vivo. Current Protocols in Cytometry, 2017, 79, 9.51.1-9.51.25.	3.7	10
128	Dedifferentiation rescues senescence of progeria cells but only while pluripotent. Stem Cell Research and Therapy, 2011, 2, 28.	2.4	9
129	Neurodegeneration as the presenting symptom in 2 adults with xeroderma pigmentosum complementation group F. Neurology: Genetics, 2018, 4, e240.	0.9	9
130	Increased insulin sensitivity and diminished pancreatic beta-cell function in DNA repair deficient Ercc1 mice. Metabolism: Clinical and Experimental, 2021, 117, 154711.	1.5	9
131	Downregulation of cholesterol biosynthesis genes in the forebrain of ERCC1-deficient mice. Neurobiology of Disease, 2012, 45, 1136-1144.	2.1	8
132	Oxidation Products of 5-Methylcytosine are Decreased in Senescent Cells and Tissues of Progeroid Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1003-1009.	1.7	8
133	The Role of Senescent Cells in Acquired Drug Resistance and Secondary Cancer in BRAFi-Treated Melanoma. Cancers, 2021, 13, 2241.	1.7	8
134	Chronic HIV Infection and Aging: Application of a Geroscience-Guided Approach. Journal of Acquired Immune Deficiency Syndromes (1999), 2022, 89, S34-S46.	0.9	8
135	Adenoviral gene transfer of a singleâ€chain ILâ€23 induces psoriatic arthritisâ€“like symptoms in NOD mice. FASEB Journal, 2019, 33, 9505-9515.	0.2	7
136	Inhibition of NF-Î²B improves the stress resistance and myogenic differentiation of MDSPCs isolated from naturally aged mice. PLoS ONE, 2017, 12, e0179270.	1.1	7
137	Measuring biological age in mice using differential mass spectrometry. Aging, 2019, 11, 1045-1061.	1.4	7
138	PodoCount: A Robust, Fully Automated, Whole-Slide Podocyte Quantification Tool. Kidney International Reports, 2022, 7, 1377-1392.	0.4	7
139	The Role of DNA Repair in Immunological Diversity: From Molecular Mechanisms to Clinical Ramifications. Frontiers in Immunology, 2022, 13, 834889.	2.2	6
140	Influences of circulatory factors on intervertebral disc aging phenotype. Aging, 2020, 12, 12285-12304.	1.4	5
141	Meeting Report: Aging Research and Drug Discovery. Aging, 2022, 14, 530-543.	1.4	4
142	Ending a diagnostic odyssey: Moving from exome to genome to identify cockayne syndrome. Molecular Genetics & Genomic Medicine, 2021, 9, e1623.	0.6	3
143	Modeling Alzheimerâ€™s disease in progeria mice. An age-related concept. Pathobiology of Aging & Age Related Diseases, 2018, 8, 1524815.	1.1	2
144	A conversation with Judith Campisi: Leader in the field of aging research. Ageing Research Reviews, 2021, 69, 101366.	5.0	1

#	Article	IF	Citations
145	Case Report: Identification of a Heterozygous XPA c.553C>T Mutation Causing Neurological Impairment in a Case of Xeroderma Pigmentosum Complementation Group A. Frontiers in Genetics, 2021, 12, 717361.	1.1	1
146	Senotherapeutics: Experimental therapy of cellular senescence. , 2021, , 251-284.		0
147	Cancer and Aging in DNA repair deficiency: cause and treatment. FASEB Journal, 2009, 23, 429.1.	0.2	0
148	Mouse Muscleâ€Derived Stem Cells in a Murine Model of Accelerated Aging. FASEB Journal, 2010, 24, lb32.	0.2	0
149	Visualizing homologous recombination and illustrating DNA repair pathway interaction in vivo via a bioengineered fluorescent reporter system. FASEB Journal, 2012, 26, 454.3.	0.2	0
150	Strategies for the Rejuvenation of Aged Muscle Stem Cells. FASEB Journal, 2012, 26, 914.3.	0.2	0
151	A mouse model of accelerated aging due to a defect in DNA repair. FASEB Journal, 2013, 27, 705.9.	0.2	0
152	Oxidative Stress And Aging. , 2018, , .		0