Laura J Niedernhofer

List of Publications by Year
in descending order

152 papers	18,300 citations	23567 58 h-index	13771 129 g-index
157 all docs	157 docs citations	157 times ranked	17093 citing authors

#	Article	IF	Citations
1	Targeting cellular senescence with senotherapeutics: senolytics and senomorphics. FEBS Journal, 2023, 290, 1362-1383.	4.7	140
2	Extending human healthspan and longevity: a symposium report. Annals of the New York Academy of Sciences, 2022, 1507, 70-83.	3.8	18
3	Chronic HIV Infection and Aging: Application of a Geroscience-Guided Approach. Journal of Acquired Immune Deficiency Syndromes (1999), 2022, 89, S34-S46.	2.1	8
4	Meeting Report: Aging Research and Drug Discovery. Aging, 2022, 14, 530-543.	3.1	4
5	Targeted clearance of p21â€•but not p16â€positive senescent cells prevents radiationâ€induced osteoporosis and increased marrow adiposity. Aging Cell, 2022, 21, e13602.	6.7	40
6	The Role of DNA Repair in Immunological Diversity: From Molecular Mechanisms to Clinical Ramifications. Frontiers in Immunology, 2022, 13, 834889.	4.8	6
7	PodoCount: A Robust, Fully Automated, Whole-Slide Podocyte Quantification Tool. Kidney International Reports, 2022, 7, 1377-1392.	0.8	7
8	Strategies to Prevent or Remediate Cancer and Treatment-Related Aging. Journal of the National Cancer Institute, 2021, 113, 112-122.	6.3	57
9	Senolytic Drugs: Reducing Senescent Cell Viability to Extend Health Span. Annual Review of Pharmacology and Toxicology, 2021, 61, 779-803.	9.4	151
10	Molecular mechanisms and cardiovascular implications of cancer therapy-induced senescence. , 2021, 221, 107751.		22
11	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.	3.6	113
12	Mesenchymal stem cellâ€derived extracellular vesicles reduce senescence and extend health span in mouse models of aging. Aging Cell, 2021, 20, e13337.	6.7	63
13	Increased insulin sensitivity and diminished pancreatic beta-cell function in DNA repair deficient Ercc1 mice. Metabolism: Clinical and Experimental, 2021, 117, 154711.	3.4	9
14	Therapy-Induced Senescence: Opportunities to Improve Anticancer Therapy. Journal of the National Cancer Institute, 2021, 113, 1285-1298.	6.3	156
15	The Role of Senescent Cells in Acquired Drug Resistance and Secondary Cancer in BRAFi-Treated Melanoma. Cancers, 2021, 13, 2241.	3.7	8
16	An aged immune system drives senescence and ageing of solid organs. Nature, 2021, 594, 100-105.	27.8	368
17	Senolytics reduce coronavirus-related mortality in old mice. Science, 2021, 373, .	12.6	184
18	Ending a diagnostic odyssey: Moving from exome to genome to identify cockayne syndrome. Molecular Genetics & Genomic Medicine, 2021, 9, e1623.	1.2	3

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19	Genetic signature of human longevity in PKC and NFâ€ºB signaling. Aging Cell, 2021, 20, e13362.	6.7	12
20	Role of Cellular Senescence in Type II Diabetes. Endocrinology, 2021, 162, .	2.8	36
21	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.	2.6	35
22	A conversation with Judith Campisi: Leader in the field of aging research. Ageing Research Reviews, 2021, 69, 101366.	10.9	1
23	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.	2.3	1
24	Rare genetic coding variants associated with human longevity and protection against age-related diseases. Nature Aging, 2021, 1, 783-794.	11.6	22
25	SARS-CoV-2 causes senescence in human cells and exacerbates the senescence-associated secretory phenotype through TLR-3. Aging, 2021, 13, 21838-21854.	3.1	51
26	Senotherapeutics: Experimental therapy of cellular senescence. , 2021, , 251-284.		0
27	DNA damageâ€"how and why we age?. ELife, 2021, 10, .	6.0	184
28	Recent advances in the discovery of senolytics. Mechanisms of Ageing and Development, 2021, 200, 111587.	4.6	41
29	Novel small molecule inhibition of IKK/NFâ€ºB activation reduces markers of senescence and improves healthspan in mouse models of aging. Aging Cell, 2021, 20, e13486.	6.7	24
30	Molecular damage in aging. Nature Aging, 2021, 1, 1096-1106.	11.6	51
31	Urinary Extracellular Vesicles Carrying Klotho Improve the Recovery of Renal Function in an Acute Tubular Injury Model. Molecular Therapy, 2020, 28, 490-502.	8.2	64
32	Cytoskeleton stiffness regulates cellular senescence and innate immune response in Hutchinsonâ€“Gilford Progeria Syndrome. Aging Cell, 2020, 19, e13152.	6.7	41
33	Genetics of extreme human longevity to guide drug discovery for healthy ageing. Nature Metabolism, 2020, 2, 663-672.	11.9	32
34	Attenuation of ataxia telangiectasia mutated signalling mitigates ageâ€associated intervertebral disc degeneration. Aging Cell, 2020, 19, e13162.	6.7	18
35	Heterochronic parabiosis regulates the extent of cellular senescence in multiple tissues. GeroScience, 2020, 42, 951-961.	4.6	48
36	Tissue specificity of senescent cell accumulation during physiologic and accelerated aging of mice. Aging Cell, 2020, 19, e13094.	6.7	172

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37	ATM is a key driver of NF-ÎºB-dependent DNA-damage-induced senescence, stem cell dysfunction and aging. Aging, 2020, 12, 4688-4710.	3.1	54
38	Influences of circulatory factors on intervertebral disc aging phenotype. Aging, 2020, 12, 12285-12304.	3.1	5
39	ARDD 2020: from aging mechanisms to interventions. Aging, 2020, 12, 24484-24503.	3.1	32
40	Rapamycin Rescues Age-Related Changes in Muscle-Derived Stem/Progenitor Cells from Progeroid Mice. Molecular Therapy - Methods and Clinical Development, 2019, 14, 64-76.	4.1	39
41	Creating the Next Generation of Translational Geroscientists. Journal of the American Geriatrics Society, 2019, 67, 1934-1939.	2.6	13
42	SA-β-Galactosidase-Based Screening Assay for the Identification of Senotherapeutic Drugs. Journal of Visualized Experiments, 2019, , .	0.3	13
43	Cellular Senescence: Defining a Path Forward. Cell, 2019, 179, 813-827.	28.9	1,551
44	Adenoviral gene transfer of a singleâ€chain ILâ€23 induces psoriatic arthritisâ€“like symptoms in NOD mice. FASEB Journal, 2019, 33, 9505-9515.	0.5	7
45	Oxidative stress-induced senescence markedly increases disc cell bioenergetics. Mechanisms of Ageing and Development, 2019, 180, 97-106.	4.6	22
46	Systemic clearance of p16^{INK4a}â€positive senescent cells mitigates ageâ€associated intervertebral disc degeneration. Aging Cell, 2019, 18, e12927.	6.7	118
47	Signal Transduction, Ageing and Disease. Sub-Cellular Biochemistry, 2019, 91, 227-247.	2.4	23
48	Murine models of accelerated aging and musculoskeletal disease. Bone, 2019, 125, 122-127.	2.9	20
49	Mouse Models of Accelerated Cellular Senescence. Methods in Molecular Biology, 2019, 1896, 203-230.	0.9	30
50	Methods to Quantify the NF-ÎºB Pathway During Senescence. Methods in Molecular Biology, 2019, 1896, 231-250.	0.9	13
51	Measuring biological age in mice using differential mass spectrometry. Aging, 2019, 11, 1045-1061.	3.1	7
52	Senotherapeutics for healthy ageing. Nature Reviews Drug Discovery, 2018, 17, 377-377.	46.4	126
53	Spontaneous DNA damage to the nuclear genome promotes senescence, redox imbalance and aging. Redox Biology, 2018, 17, 259-273.	9.0	103
54	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.	3.6	8

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55	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.	6.7	77
56	ERCC4 variants identified in a cohort of patients with segmental progeroid syndromes. Human Mutation, 2018, 39, 255-265.	2.5	23
57	Development of clinical trials to extend healthy lifespan. Cardiovascular Endocrinology and Metabolism, 2018, 7, 80-83.	1.1	59
58	Fisetin is a senotherapeutic that extends health and lifespan. EBioMedicine, 2018, 36, 18-28.	6.1	554
59	Cellular Senescence in Intervertebral Disc Aging and Degeneration. Current Molecular Biology Reports, 2018, 4, 180-190.	1.6	55
60	Modeling Alzheimerâ€™s disease in progeria mice. An age-related concept. Pathobiology of Aging & Age Related Diseases, 2018, 8, 1524815.	1.1	2
61	Neurodegeneration as the presenting symptom in 2 adults with xeroderma pigmentosum complementation group F. Neurology: Genetics, 2018, 4, e240.	1.9	9
62	Dysregulation of DAF-16/FOXO3A-mediated stress responses accelerates oxidative DNA damage induced aging. Redox Biology, 2018, 18, 191-199.	9.0	39
63	ERCC1-deficient cells and mice are hypersensitive to lipid peroxidation. Free Radical Biology and Medicine, 2018, 124, 79-96.	2.9	13
64	Hsp90 inhibitors as senolytic drugs to extend healthy aging. Cell Cycle, 2018, 17, 1048-1055.	2.6	64
65	Nuclear Genomic Instability and Aging. Annual Review of Biochemistry, 2018, 87, 295-322.	11.1	178
66	Development of novel NEMO-binding domain mimetics for inhibiting IKK/NF-ÎºB activation. PLoS Biology, 2018, 16, e2004663.	5.6	29
67	Senolytics improve physical function and increase lifespan in old age. Nature Medicine, 2018, 24, 1246-1256.	30.7	1,384
68	Oxidative Stress And Aging. , 2018, , .		0
69	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
70	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.	6.7	80
71	Systems biology guided by XCMS Online metabolomics. Nature Methods, 2017, 14, 461-462.	19.0	168
72	A New Preclinical Paradigm for Testing Anti-Aging Therapeutics. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 760-762.	3.6	26

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73	Senescent intervertebral disc cells exhibit perturbed matrix homeostasis phenotype. Mechanisms of Ageing and Development, 2017, 166, 16-23.	4.6	34
74	Identification of HSP90 inhibitors as a novel class of senolytics. Nature Communications, 2017, 8, 422.	12.8	466
75	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.	2.3	27
76	Molecular pathology endpoints useful for aging studies. Ageing Research Reviews, 2017, 35, 241-249.	10.9	50
77	New agents that target senescent cells: the flavone, fisetin, and the BCL-XL inhibitors, A1331852 and A1155463. Aging, 2017, 9, 955-963.	3.1	469
78	The Clinical Potential of Senolytic Drugs. Journal of the American Geriatrics Society, 2017, 65, 2297-2301.	2.6	416
79	ADAMTS5 Deficiency Protects Mice From Chronic Tobacco Smoking-induced Intervertebral Disc Degeneration. Spine, 2017, 42, 1521-1528.	2.0	19
80	Inhibition of NF-Î¹B improves the stress resistance and myogenic differentiation of MDSPCs isolated from naturally aged mice. PLoS ONE, 2017, 12, e0179270.	2.5	7
81	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.	3.6	22
82	Identification of a novel senolytic agent, navitoclax, targeting the Bclâ€2 family of antiâ€apoptotic factors. Aging Cell, 2016, 15, 428-435.	6.7	717
83	Occurrence, Biological Consequences, and Human Health Relevance of Oxidative Stress-Induced DNA Damage. Chemical Research in Toxicology, 2016, 29, 2008-2039.	3.3	131
84	The Achillesâ€™ heel of senescent cells: from transcriptome to senolytic drugs. Aging Cell, 2015, 14, 644-658.	6.7	1,534
85	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.	6.5	53
86	Comparison of mice with accelerated aging caused by distinct mechanisms. Experimental Gerontology, 2015, 68, 43-50.	2.8	48
87	Investigating the role of DNA damage in tobacco smoking-induced spine degeneration. Spine Journal, 2014, 14, 416-423.	1.3	57
88	Tet-Mediated Formation of 5-Hydroxymethylcytosine in RNA. Journal of the American Chemical Society, 2014, 136, 11582-11585.	13.7	282
89	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.	4.1	21
90	Pharmacologic IKK/NF-Î¹B inhibition causes antigen presenting cells to undergo TNFÎ± dependent ROS-mediated programmed cell death. Scientific Reports, 2014, 4, 3631.	3.3	27

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91	Cell Autonomous and Nonautonomous Mechanisms Drive Hematopoietic Stem/progenitor Cell Loss in the Absence of DNA Repair. Stem Cells, 2013, 31, 511-525.	3.2	23
92	DNA Damage Triggers a Chronic Autoinflammatory Response, Leading to Fat Depletion in NER Progeria. Cell Metabolism, 2013, 18, 403-415.	16.2	102
93	DNA damage drives accelerated bone aging via an NF-Î^ºBâ€“dependent mechanism. Journal of Bone and Mineral Research, 2013, 28, 1214-1228.	2.8	98
94	Genotoxic stress accelerates age-associated degenerative changes in intervertebral discs. Mechanisms of Ageing and Development, 2013, 134, 35-42.	4.6	42
95	Isolation of Muscle-Derived Stem/Progenitor Cells Based on Adhesion Characteristics to Collagen-Coated Surfaces. Methods in Molecular Biology, 2013, 976, 53-65.	0.9	69
96	Advances in Understanding the Complex Mechanisms of DNA Interstrand Cross-Link Repair. Cold Spring Harbor Perspectives in Biology, 2013, 5, a012732-a012732.	5.5	196
97	Mitochondrialâ€derived reactive oxygen species (ROS) play a causal role in agingâ€related intervertebral disc degeneration. Journal of Orthopaedic Research, 2013, 31, 1150-1157.	2.3	148
98	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.	2.3	72
99	Identification of microRNAs dysregulated in cellular senescence driven by endogenous genotoxic stress. Aging, 2013, 5, 460-473.	3.1	42
100	A mouse model of accelerated aging due to a defect in DNA repair. FASEB Journal, 2013, 27, 705.9.	0.5	0
101	Endogenous formation and repair of oxidatively induced G[8-5â€‰m]T intrastrand cross-link lesion. Nucleic Acids Research, 2012, 40, 7368-7374.	14.5	35
102	NF-ÎºB Negatively Impacts the Myogenic Potential of Muscle-derived Stem Cells. Molecular Therapy, 2012, 20, 661-668.	8.2	56
103	ISSLS Prize Winner. Spine, 2012, 37, 1819-1825.	2.0	68
104	Muscle-derived stem/progenitor cell dysfunction limits healthspan and lifespan in a murine progeria model. Nature Communications, 2012, 3, 608.	12.8	180
105	A quantitative assay for assessing the effects of DNA lesions on transcription. Nature Chemical Biology, 2012, 8, 817-822.	8.0	71
106	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.	6.4	121
107	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.	1.4	31
108	The oxidative DNA lesions 8,5â€²â€cyclopurines accumulate with aging in a tissueâ€specific manner. Aging Cell, 2012, 11, 714-716.	6.7	117

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109	Multiple DNA Binding Domains Mediate the Function of the ERCC1-XPF Protein in Nucleotide Excision Repair. Journal of Biological Chemistry, 2012, 287, 21846-21855.	3.4	29
110	Downregulation of cholesterol biosynthesis genes in the forebrain of ERCC1-deficient mice. Neurobiology of Disease, 2012, 45, 1136-1144.	4.4	8
111	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.	1.4	39
112	A mouse model of accelerated liver aging caused by a defect in DNA repair. Hepatology, 2012, 55, 609-621.	7.3	106
113	NF-Î²B inhibition delays DNA damageâ€“induced senescence and aging in mice. Journal of Clinical Investigation, 2012, 122, 2601-2612.	8.2	358
114	Visualizing homologous recombination and illustrating DNA repair pathway interaction in vivo via a bioengineered fluorescent reporter system. FASEB Journal, 2012, 26, 454.3.	0.5	0
115	Strategies for the Rejuvenation of Aged Muscle Stem Cells. FASEB Journal, 2012, 26, 914.3.	0.5	0
116	Dedifferentiation rescues senescence of progeria cells but only while pluripotent. Stem Cell Research and Therapy, 2011, 2, 28.	5.5	9
117	Bupivacaine decreases cell viability and matrix protein synthesis in an intervertebral disc organ model system. Spine Journal, 2011, 11, 139-146.	1.3	47
118	ERCC1 and XRCC1 as biomarkers for lung and head and neck cancer. Pharmacogenomics and Personalized Medicine, 2011, 4, 47.	0.7	30
119	Broad segmental progeroid changes in short-lived Ercc1 ^{â^'/Î”7} mice. Pathobiology of Aging & Age Related Diseases, 2011, 1, 7219.	1.1	79
120	Premature aging-related peripheral neuropathy in a mouse model of progeria. Mechanisms of Ageing and Development, 2011, 132, 437-442.	4.6	37
121	Xeroderma pigmentosum and other diseases of human premature aging and DNA repair: Molecules to patients. Mechanisms of Ageing and Development, 2011, 132, 340-347.	4.6	32
122	Physiological consequences of defects in ERCC1â€“XPF DNA repair endonuclease. DNA Repair, 2011, 10, 781-791.	2.8	134
123	XPF Expression Correlates with Clinical Outcome in Squamous Cell Carcinoma of the Head and Neck. Clinical Cancer Research, 2011, 17, 5513-5522.	7.0	50
124	NF-Î²B in Aging and Disease. , 2011, 2, 449-65.		150
125	Accelerated aging of intervertebral discs in a mouse model of progeria. Journal of Orthopaedic Research, 2010, 28, 1600-1607.	2.3	79
126	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.	3.4	97

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127	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.	7.1	49
128	Mislocalization of XPF-ERCC1 Nuclease Contributes to Reduced DNA Repair in XP-F Patients. PLoS Genetics, 2010, 6, e1000871.	3.5	57
129	Mouse Muscleâ€Derived Stem Cells in a Murine Model of Accelerated Aging. FASEB Journal, 2010, 24, lb32.	0.5	0
130	XPF-ERCC1 Participates in the Fanconi Anemia Pathway of Cross-Link Repair. Molecular and Cellular Biology, 2009, 29, 6427-6437.	2.3	121
131	Immunodetection of DNA Repair Endonuclease ERCC1-XPF in Human Tissue. Cancer Research, 2009, 69, 6831-6838.	0.9	95
132	Cancer and Aging in DNA repair deficiency: cause and treatment. FASEB Journal, 2009, 23, 429.1.	0.5	0
133	DNA repair is crucial for maintaining hematopoietic stem cell function. DNA Repair, 2008, 7, 523-529.	2.8	59
134	Nucleotide excision repair deficient mouse models and neurological disease. DNA Repair, 2008, 7, 1180-1189.	2.8	39
135	Tissue-specific accelerated aging in nucleotide excision repair deficiency. Mechanisms of Ageing and Development, 2008, 129, 408-415.	4.6	47
136	Signaling mechanisms involved in the response to genotoxic stress and regulating lifespan. International Journal of Biochemistry and Cell Biology, 2008, 40, 176-180.	2.8	43
137	ERCC1-XPF Endonuclease Facilitates DNA Double-Strand Break Repair. Molecular and Cellular Biology, 2008, 28, 5082-5092.	2.3	268
138	Delayed and Accelerated Aging Share Common Longevity Assurance Mechanisms. PLoS Genetics, 2008, 4, e1000161.	3.5	178
139	ERCC1 and Nonâ€“Small-Cell Lung Cancer. New England Journal of Medicine, 2007, 356, 2538-2541.	27.0	83
140	The Fanconi Anemia Signalosome Anchor. Molecular Cell, 2007, 25, 487-490.	9.7	31
141	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.	6.2	182
142	A new progeroid syndrome reveals that genotoxic stress suppresses the somatotroph axis. Nature, 2006, 444, 1038-1043.	27.8	601
143	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.	1.0	100
144	Impaired Genome Maintenance Suppresses the Growth Hormoneâ€“Insulin-Like Growth Factor 1 Axis in Mice with Cockayne Syndrome. PLoS Biology, 2006, 5, e2.	5.6	200

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145	Reduced hematopoietic reserves in DNA interstrand crosslink repair-deficient Ercc1â^'/â^' mice. EMBO Journal, 2005, 24, 861-871.	7.8	130
146	Fanconi Anemia (Cross)linked to DNA Repair. Cell, 2005, 123, 1191-1198.	28.9	275
147	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.	8.5	36
148	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.	2.3	445
149	Divide and conquer: nucleotide excision repair battles cancer and ageing. Current Opinion in Cell Biology, 2003, 15, 232-240.	5.4	136
150	Malondialdehyde, a Product of Lipid Peroxidation, Is Mutagenic in Human Cells. Journal of Biological Chemistry, 2003, 278, 31426-31433.	3.4	437
151	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.	9.7	349
152	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.	3.3	46