

# Jan Vijn

## List of Publications by Year in descending order

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158  
papers

13,945  
citations

24978

57  
h-index

24179

110  
g-index

164  
all docs

164  
docs citations

164  
times ranked

16074  
citing authors

#	ARTICLE	IF	CITATIONS
1	SomaMutDB: a database of somatic mutations in normal human tissues. <i>Nucleic Acids Research</i> , 2022, 50, D1100-D1108.	6.5	21
2	Single-cell analysis of somatic mutation burden in mammary epithelial cells of pathogenic BRCA1/2 mutation carriers. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	7
3	Meeting Report: Aging Research and Drug Discovery. <i>Aging</i> , 2022, 14, 530-543.	1.4	4
4	Single-cell analysis of somatic mutations in human bronchial epithelial cells in relation to aging and smoking. <i>Nature Genetics</i> , 2022, 54, 492-498.	9.4	47
5	Single-molecule, quantitative detection of low-abundance somatic mutations by high-throughput sequencing. <i>Science Advances</i> , 2022, 8, eabm3259.	4.7	11
6	Genome Maintenance in Aging and Lung Carcinogenesis. , 2022, , .		0
7	Bronchial Field Progenitor Basal Cells Show Methylome-Wide Characteristics Reflective of Lung Cancer Case-Control, Age, and Smoking Status. , 2022, , .		0
8	The central role of DNA damage in the ageing process. <i>Nature</i> , 2021, 592, 695-703.	13.7	340
9	Somatic Mutations at Single Base Resolution in Single Bronchial Progenitor Cells Collected from Human Lung. , 2021, , .		0
10	Age-related telomere attrition causes aberrant gene expression in subtelomeric regions. <i>Aging Cell</i> , 2021, 20, e13357.	3.0	11
11	Bronchial Field Progenitor Basal Cells Show Methylome-Wide Characteristics Reflective of Lung Cancer Case-Control, Age, and Smoking Status of the Donor. , 2021, , .		0
12	A workflow for simultaneous DNA copy number and methylome analysis of inner cell mass and trophectoderm cells from human blastocysts. <i>Fertility and Sterility</i> , 2021, 115, 1533-1540.	0.5	4
13	A Compendium of Age-Related PheWAS and GWAS Traits for Human Genetic Association Studies, Their Networks and Genetic Correlations. <i>Frontiers in Genetics</i> , 2021, 12, 680560.	1.1	3
14	From DNA damage to mutations: All roads lead to aging. <i>Ageing Research Reviews</i> , 2021, 68, 101316.	5.0	55
15	Einstein-Nathan Shock Center: translating the hallmarks of aging to extend human health span. <i>GeroScience</i> , 2021, 43, 2167-2182.	2.1	5
16	Rare genetic coding variants associated with human longevity and protection against age-related diseases. <i>Nature Aging</i> , 2021, 1, 783-794.	5.3	22
17	Maintenance of genome sequence integrity in long- and short-lived rodent species. <i>Science Advances</i> , 2021, 7, eabj3284.	4.7	29
18	Genomic expansion of Aldh1a1 protects beavers against high metabolic aldehydes from lipid oxidation. <i>Cell Reports</i> , 2021, 37, 109965.	2.9	7

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19	SCCNV: A Software Tool for Identifying Copy Number Variation From Single-Cell Whole-Genome Sequencing. <i>Frontiers in Genetics</i> , 2020, 11, 505441.	1.1	7
20	FOXO3a acts to suppress DNA double-strand break-induced mutations. <i>Aging Cell</i> , 2020, 19, e13184.	3.0	18
21	Genetics of extreme human longevity to guide drug discovery for healthy ageing. <i>Nature Metabolism</i> , 2020, 2, 663-672.	5.1	32
22	Loss of gene coordination as a stochastic cause of ageing. <i>Nature Metabolism</i> , 2020, 2, 1188-1189.	5.1	2
23	Inducible aging in <i>Hydra oligactis</i> implicates sexual reproduction, loss of stem cells, and genome maintenance as major pathways. <i>GeroScience</i> , 2020, 42, 1119-1132.	2.1	13
24	Pathogenic Mechanisms of Somatic Mutation and Genome Mosaicism in Aging. <i>Cell</i> , 2020, 182, 12-23.	13.5	128
25	Single-cell analysis reveals different age-related somatic mutation profiles between stem and differentiated cells in human liver. <i>Science Advances</i> , 2020, 6, eaax2659.	4.7	79
26	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020, 12, 24484-24503.	1.4	32
27	New Insights into Bioactive Compounds of Traditional Chinese Medicines for Insulin Resistance Based on Signaling Pathways. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900176.	1.0	5
28	A direct comparison of interphase FISH versus low-coverage single cell sequencing to detect aneuploidy reveals respective strengths and weaknesses. <i>Scientific Reports</i> , 2019, 9, 10508.	1.6	18
29	Age is in the nucleus. <i>Nature Metabolism</i> , 2019, 1, 931-932.	5.1	9
30	SIRT6 Is Responsible for More Efficient DNA Double-Strand Break Repair in Long-Lived Species. <i>Cell</i> , 2019, 177, 622-638.e22.	13.5	225
31	Single-cell whole-genome sequencing reveals the functional landscape of somatic mutations in B lymphocytes across the human lifespan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9014-9019.	3.3	174
32	Global, integrated analysis of methylomes and transcriptomes from laser capture microdissected bronchial and alveolar cells in human lung. <i>Epigenetics</i> , 2018, 13, 264-274.	1.3	7
33	Mechanisms of cancer resistance in long-lived mammals. <i>Nature Reviews Cancer</i> , 2018, 18, 433-441.	12.8	195
34	Cell Replacement to Reverse Brain Aging: Challenges, Pitfalls, and Opportunities. <i>Trends in Neurosciences</i> , 2018, 41, 267-279.	4.2	16
35	Bleomycin-induced genome structural variations in normal, non-tumor cells. <i>Scientific Reports</i> , 2018, 8, 16523.	1.6	14
36	Somatic Mutagenesis in Mammals and Its Implications for Human Disease and Aging. <i>Annual Review of Genetics</i> , 2018, 52, 397-419.	3.2	83

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37	Intratissue DNA Methylation Heterogeneity in Aging. , 2018, , 201-209.		1
38	Development of a Method to Implement Whole-Genome Bisulfite Sequencing of cfDNA from Cancer Patients and a Mouse Tumor Model. <i>Frontiers in Genetics</i> , 2018, 9, 6.	1.1	20
39	Nuclear Genomic Instability and Aging. <i>Annual Review of Biochemistry</i> , 2018, 87, 295-322.	5.0	178
40	Mechanisms and consequences of aneuploidy and chromosome instability in the aging brain. <i>Mechanisms of Ageing and Development</i> , 2017, 161, 19-36.	2.2	42
41	Mutation and catastrophe in the aging genome. <i>Experimental Gerontology</i> , 2017, 94, 34-40.	1.2	28
42	Aging and the Inevitable Limit to Human Life Span. <i>Gerontology</i> , 2017, 63, 432-434.	1.4	33
43	Differences between germline and somatic mutation rates in humans and mice. <i>Nature Communications</i> , 2017, 8, 15183.	5.8	309
44	Accurate identification of single-nucleotide variants in whole-genome-amplified single cells. <i>Nature Methods</i> , 2017, 14, 491-493.	9.0	191
45	Genome instability and aging: Cause or effect?. <i>Translational Medicine of Aging</i> , 2017, 1, 5-11.	0.6	22
46	A high-fidelity method for genomic sequencing of single somatic cells reveals a very high mutational burden. <i>Experimental Biology and Medicine</i> , 2017, 242, 1318-1324.	1.1	6
47	Analysis of individual cells identifies cell-to-cell variability following induction of cellular senescence. <i>Aging Cell</i> , 2017, 16, 1043-1050.	3.0	182
48	Ageing: Biomarkers get physical. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	0
49	Genome-wide, Single-Cell DNA Methylomics Reveals Increased Non-CpG Methylation during Human Oocyte Maturation. <i>Stem Cell Reports</i> , 2017, 9, 397-407.	2.3	77
50	Dong et al. reply. <i>Nature</i> , 2017, 546, E7-E7.	13.7	3
51	Dong et al. reply. <i>Nature</i> , 2017, 546, E9-E10.	13.7	3
52	Dong et al. reply. <i>Nature</i> , 2017, 546, E12-E12.	13.7	4
53	Dong et al. reply. <i>Nature</i> , 2017, 546, E14-E15.	13.7	4
54	Dong et al. reply. <i>Nature</i> , 2017, 546, E21-E21.	13.7	1

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55	Genome instability: a conserved mechanism of ageing?. <i>Essays in Biochemistry</i> , 2017, 61, 305-315.	2.1	37
56	A review of the biomedical innovations for healthy longevity. <i>Aging</i> , 2017, 9, 7-25.	1.4	18
57	Development and validation of a targeted next generation DNA sequencing panel outperforming whole exome sequencing for the identification of clinically relevant genetic variants. <i>Oncotarget</i> , 2017, 8, 102033-102045.	0.8	25
58	“Best-Guess” MRAD Provides Robust Evidence for a Limit to Human Lifespan: Reply to de Grey ( <i>Rejuvenation Res.</i> 2017;20:261-262). <i>Rejuvenation Research</i> , 2017, 20, 437-440.	0.9	4
59	Deep biomarkers of human aging: Application of deep neural networks to biomarker development. <i>Aging</i> , 2016, 8, 1021-1033.	1.4	266
60	The Essence of Aging. <i>Gerontology</i> , 2016, 62, 381-385.	1.4	31
61	Evidence for a limit to human lifespan. <i>Nature</i> , 2016, 538, 257-259.	13.7	341
62	The dark side of circulating nucleic acids. <i>Aging Cell</i> , 2016, 15, 398-399.	3.0	45
63	Do DNA Double-Strand Breaks Drive Aging?. <i>Molecular Cell</i> , 2016, 63, 729-738.	4.5	172
64	Restricted diet delays accelerated ageing and genomic stress in DNA-repair-deficient mice. <i>Nature</i> , 2016, 537, 427-431.	13.7	228
65	In silico Pathway Activation Network Decomposition Analysis (iPANDA) as a method for biomarker development. <i>Nature Communications</i> , 2016, 7, 13427.	5.8	126
66	Single-cell genome-wide bisulfite sequencing uncovers extensive heterogeneity in the mouse liver methylome. <i>Genome Biology</i> , 2016, 17, 150.	3.8	104
67	Whole Chromosome Instability induces senescence and promotes SASP. <i>Scientific Reports</i> , 2016, 6, 35218.	1.6	117
68	Quantitative detection of low-abundance somatic structural variants in normal cells by high-throughput sequencing. <i>Nature Methods</i> , 2016, 13, 584-586.	9.0	17
69	Whole chromosome aneuploidy in the brain of <i>Bub1b<sup>H</sup>/Hand Ercc1<sup>Δ7</sup></i> mice. <i>Human Molecular Genetics</i> , 2016, 25, 755-765.	1.4	17
70	Sensitivity of primary fibroblasts in culture to atmospheric oxygen does not correlate with species lifespan. <i>Aging</i> , 2016, 8, 841-847.	1.4	10
71	Interventions to Slow Aging in Humans: Are We Ready?. <i>Aging Cell</i> , 2015, 14, 497-510.	3.0	481
72	Genetic evidence for common pathways in human age-related diseases. <i>Aging Cell</i> , 2015, 14, 809-817.	3.0	70

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73	Improved transposon-based library preparation for the Ion Torrent platform. <i>BioTechniques</i> , 2015, 58, 200-2.	0.8	12
74	Age-related somatic mutations in the cancer genome. <i>Oncotarget</i> , 2015, 6, 24627-24635.	0.8	104
75	DNA repair in species with extreme lifespan differences. <i>Aging</i> , 2015, 7, 1171-1182.	1.4	132
76	Development of a Targeted Multi-Disorder High-Throughput Sequencing Assay for the Effective Identification of Disease-Causing Variants. <i>PLoS ONE</i> , 2015, 10, e0133742.	1.1	15
77	Single-cell transcriptogenomics reveals transcriptional exclusion of ENU-mutated alleles. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 772, 55-62.	0.4	27
78	Comprehensive transcriptional landscape of aging mouse liver. <i>BMC Genomics</i> , 2015, 16, 899.	1.2	98
79	Comparative analysis of genome maintenance genes in naked mole rat, mouse, and human. <i>Aging Cell</i> , 2015, 14, 288-291.	3.0	58
80	Single-cell, locus-specific bisulfite sequencing (SLBS) for direct detection of epimutations in DNA methylation patterns. <i>Nucleic Acids Research</i> , 2015, 43, e93-e93.	6.5	36
81	<i>INK4</i> locus of the tumor-resistant rodent, the naked mole rat, expresses a functional p15/p16 hybrid isoform. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1053-1058.	3.3	92
82	High-throughput sequencing in mutation detection: A new generation of genotoxicity tests?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 776, 136-143.	0.4	34
83	Controlled induction of DNA double-strand breaks in the mouse liver induces features of tissue ageing. <i>Nature Communications</i> , 2015, 6, 6790.	5.8	90
84	Deletion of Individual Ku Subunits in Mice Causes an NHEJ-Independent Phenotype Potentially by Altering Apurinic/Apyrimidinic Site Repair. <i>PLoS ONE</i> , 2014, 9, e86358.	1.1	21
85	The Progeroid Phenotype of Ku80 Deficiency Is Dominant over DNA-PKCS Deficiency. <i>PLoS ONE</i> , 2014, 9, e93568.	1.1	13
86	An Essential Role for Senescent Cells in Optimal Wound Healing through Secretion of PDGF-AA. <i>Developmental Cell</i> , 2014, 31, 722-733.	3.1	1,376
87	Aging genomes: A necessary evil in the logic of life. <i>BioEssays</i> , 2014, 36, 282-292.	1.2	20
88	Genome-wide quantitative analysis of DNA methylation from bisulfite sequencing data. <i>Bioinformatics</i> , 2014, 30, 1933-1934.	1.8	17
89	Editorial overview: Molecular and genetic bases of disease: The double life of DNA. <i>Current Opinion in Genetics and Development</i> , 2014, 26, v-vii.	1.5	5
90	Somatic mutations, genome mosaicism, cancer and aging. <i>Current Opinion in Genetics and Development</i> , 2014, 26, 141-149.	1.5	111

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91	Whole genome sequencing of glioblastoma multiforme identifies multiple structural variations involved in EGFR activation. <i>Mutagenesis</i> , 2014, 29, 341-350.	1.0	16
92	Deficiency of the DNA repair protein nibrin increases the basal but not the radiation induced mutation frequency in vivo. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 769, 11-16.	0.4	8
93	Comparative genetics of longevity and cancer: insights from long-lived rodents. <i>Nature Reviews Genetics</i> , 2014, 15, 531-540.	7.7	169
94	Innovating Aging: Promises and Pitfalls on the Road to Life Extension. <i>Gerontology</i> , 2014, 60, 373-380.	1.4	21
95	Four-Color FISH for the Detection of Low-Level Aneuploidy in Interphase Cells. <i>Methods in Molecular Biology</i> , 2014, 1136, 291-305.	0.4	15
96	<sc>DNA</sc> damage in normally and prematurely aged mice. <i>Aging Cell</i> , 2013, 12, 467-477.	3.0	50
97	Genome Instability and Aging. <i>Annual Review of Physiology</i> , 2013, 75, 645-668.	5.6	314
98	Life spanning murine gene expression profiles in relation to chronological and pathological aging in multiple organs. <i>Aging Cell</i> , 2013, 12, 901-909.	3.0	58
99	High Preservation of CpG Cytosine Methylation Patterns at Imprinted Gene Loci in Liver and Brain of Aged Mice. <i>PLoS ONE</i> , 2013, 8, e73496.	1.1	4
100	Myc-Dependent Genome Instability and Lifespan in <i>Drosophila</i> . <i>PLoS ONE</i> , 2013, 8, e74641.	1.1	40
101	Aging on a different scale – chronological versus pathology-related aging. <i>Aging</i> , 2013, 5, 782-788.	1.4	20
102	Measuring Genome Instability in Aging – A Mini-Review. <i>Gerontology</i> , 2012, 58, 129-138.	1.4	31
103	Chromosome-specific accumulation of aneuploidy in the aging mouse brain. <i>Human Molecular Genetics</i> , 2012, 21, 5246-5253.	1.4	83
104	5-Aza-2'-deoxycytidine-induced genome rearrangements are mediated by DNMT1. <i>Oncogene</i> , 2012, 31, 5172-5179.	2.6	54
105	Direct, genome-wide assessment of DNA mutations in single cells. <i>Nucleic Acids Research</i> , 2012, 40, 2032-2040.	6.5	68
106	Comprehensive microRNA profiling in B-cells of human centenarians by massively parallel sequencing. <i>BMC Genomics</i> , 2012, 13, 353.	1.2	69
107	Direct mutation analysis by high-throughput sequencing: From germline to low-abundant, somatic variants. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 729, 1-15.	0.4	75
108	Broad segmental progeroid changes in short-lived <i>Ercc1</i> <sup>Δ7</sup> mice. <i>Pathobiology of Aging &amp; Age Related Diseases</i> , 2011, 1, 7219.	1.1	79

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109	Chromosomal aneuploidy in the aging brain. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 429-436.	2.2	50
110	Epigenetic factors in aging and longevity. <i>Pflugers Archiv European Journal of Physiology</i> , 2010, 459, 247-258.	1.3	278
111	Age- and Temperature-Dependent Somatic Mutation Accumulation in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2010, 6, e1000950.	1.5	58
112	A dual-activation, adenoviral-based system for the controlled induction of DNA double-strand breaks by the restriction endonuclease <i>SacI</i> . <i>BioTechniques</i> , 2009, 47, 847-854.	0.8	4
113	Does Damage to DNA and Other Macromolecules Play a Role in Aging? If So, How?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 175-178.	1.7	86
114	Mitochondrial DNA mutations and aging: devils in the details?. <i>Trends in Genetics</i> , 2009, 25, 91-98.	2.9	99
115	Genome instability, cancer and aging. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 963-969.	1.1	102
116	SNP'ing for longevity. <i>Aging</i> , 2009, 1, 442-443.	1.4	3
117	DNA damage and ageing: new-age ideas for an age-old problem. <i>Nature Cell Biology</i> , 2008, 10, 1241-1247.	4.6	325
118	Turning anti-ageing genes against cancer. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 903-910.	16.1	36
119	Aging: A Sirtuin Shake-Up?. <i>Cell</i> , 2008, 135, 797-798.	13.5	18
120	Mutation Frequencies and Spectra in DNA Polymerase $\beta$ -Deficient Mice. <i>Cancer Research</i> , 2008, 68, 2081-2084.	0.4	21
121	Effect of Ku80 Deficiency on Mutation Frequencies and Spectra at a LacZ Reporter Locus in Mouse Tissues and Cells. <i>PLoS ONE</i> , 2008, 3, e3458.	1.1	13
122	Genome dynamics and transcriptional deregulation in aging. <i>Neuroscience</i> , 2007, 145, 1341-1347.	1.1	42
123	Intra-Organ Variation in Age-Related Mutation Accumulation in the Mouse. <i>PLoS ONE</i> , 2007, 2, e876.	1.1	55
124	A model system for analyzing somatic mutations in <i>Drosophila melanogaster</i> . <i>Nature Methods</i> , 2007, 4, 401-403.	9.0	22
125	Detection and Analysis of Somatic Mutations at a lacZ Reporter Locus in Higher Organisms. <i>Methods in Molecular Biology</i> , 2007, 371, 267-287.	0.4	23
126	Increased cell-to-cell variation in gene expression in ageing mouse heart. <i>Nature</i> , 2006, 441, 1011-1014.	13.7	537



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127	A new progeroid syndrome reveals that genotoxic stress suppresses the somatotroph axis. <i>Nature</i> , 2006, 444, 1038-1043.	13.7	601
128	Increased genomic instability is not a prerequisite for shortened lifespan in DNA repair deficient mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006, 596, 22-35.	0.4	100
129	Aging and p53: getting it straight A commentary on a recent paper by Gentry and Venkatachalam. <i>Aging Cell</i> , 2005, 4, 331-333.	3.0	16
130	Genetics of Longevity and Aging. <i>Annual Review of Medicine</i> , 2005, 56, 193-212.	5.0	143
131	Transcripts of aging. <i>Trends in Genetics</i> , 2004, 20, 221-224.	2.9	26
132	Oxygen accelerates the accumulation of mutations during the senescence and immortalization of murine cells in culture. <i>Aging Cell</i> , 2003, 2, 287-294.	3.0	176
133	Aging and Genome Maintenance: Lessons from the Mouse?. <i>Science</i> , 2003, 299, 1355-1359.	6.0	538
134	Rapid, inexpensive scanning for all possible BRCA1 and BRCA2 gene sequence variants in a single assay: implications for genetic testing. <i>Journal of Medical Genetics</i> , 2003, 40, 33e-33.	1.5	7
135	Mutational fingerprints of aging. <i>Nucleic Acids Research</i> , 2002, 30, 545-549.	6.5	83
136	Genome Dynamics in Aging Mice. <i>Genome Research</i> , 2002, 12, 1732-1738.	2.4	60
137	Age-related mutation accumulation at a lacZ reporter locus in normal and tumor tissues of Trp53-deficient mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 514, 153-163.	0.9	37
138	Large genome rearrangements as a primary cause of aging. <i>Mechanisms of Ageing and Development</i> , 2002, 123, 907-915.	2.2	134
139	Mutation frequency and type during ageing in mouse seminiferous tubules. <i>Mechanisms of Ageing and Development</i> , 2001, 122, 1321-1331.	2.2	17
140	Somatic mutations and aging: a re-evaluation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 447, 117-135.	0.4	225
141	Distinct spectra of somatic mutations accumulated with age in mouse heart and small intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 8403-8408.	3.3	231
142	Mutation Accumulation In Vivo and the Importance of Genome Stability in Aging and Cancer. <i>Results and Problems in Cell Differentiation</i> , 2000, 29, 165-180.	0.2	8
143	Transgenic assays for mutations and cancer: current status and future perspectives. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 400, 337-354.	0.4	25
144	Siblings of centenarians live longer. <i>Lancet</i> , The, 1998, 351, 1560.	6.3	172

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145	Genetic testing: The problems and the promise. <i>Nature Biotechnology</i> , 1997, 15, 422-426.	9.4	94
146	Rapid accumulation of genome rearrangements in liver but not in brain of old mice. <i>Nature Genetics</i> , 1997, 17, 431-434.	9.4	245
147	Evaluation of a plasmid-based transgenic mouse model for detecting in vivo mutations. <i>Mutagenesis</i> , 1996, 11, 111-118.	1.0	78
148	Understanding the Biology of Aging: The Key To Prevention and Therapy. <i>Journal of the American Geriatrics Society</i> , 1995, 43, 426-434.	1.3	51
149	Detecting Individual Genetic Variation. <i>Nature Biotechnology</i> , 1995, 13, 137-139.	9.4	4
150	Plasmid-based transgenic mouse model for studying in vivomutations. <i>Nature</i> , 1995, 377, 657-659.	13.7	143
151	Two-dimensional DNA typing. <i>Molecular Biotechnology</i> , 1995, 4, 275-295.	1.3	13
152	Spontaneous DNA breaks in the rat brain during development and aging. <i>Mutation Research - DNAging</i> , 1990, 237, 9-15.	3.3	32
153	Age-related induction and disappearance of carcinogen-DNA-adducts in livers of rats exposed to low levels of 2-acetylaminofluorene. <i>Chemico-Biological Interactions</i> , 1989, 69, 373-384.	1.7	11
154	Efficient rescue of integrated shuttle vectors from transgenic mice: a model for studying mutations in vivo.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 7971-7975.	3.3	466
155	Age-dependent accumulation of alkali-labile sites in DNA of post-mitotic but not in that of mitotic rat liver cells. <i>Mechanisms of Ageing and Development</i> , 1988, 45, 41-49.	2.2	38
156	UV-induced unscheduled DNA synthesis in fibroblasts of aging inbred rats. <i>Mutation Research - DNA Repair Reports</i> , 1985, 146, 197-204.	1.9	14
157	Kinetics of ultraviolet induced DNA excision repair in rat and human fibroblasts. <i>Mutation Research - DNA Repair Reports</i> , 1984, 132, 129-138.	1.9	47
158	Single-Cell Whole-Genome Sequencing Reveals B Lymphocyte Mutational Landscapes Across the Human Lifespan. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0