

Peter M Lansdorp

List of Publications by Year in descending order

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210
papers

26,831
citations

8159

76
h-index

6454

157
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224
all docs

224
docs citations

224
times ranked

24057
citing authors

#	ARTICLE	IF	CITATIONS
1	Leukapheresis increases circulating tumour cell yield in non-small cell lung cancer, counts related to tumour response and survival. <i>British Journal of Cancer</i> , 2022, 126, 409-418.	2.9	5
2	Construction of Strand-seq libraries in open nanoliter arrays. <i>Cell Reports Methods</i> , 2022, 2, 100150.	1.4	10
3	Telomeres, aging, and cancer: the big picture. <i>Blood</i> , 2022, 139, 813-821.	0.6	30
4	Sex differences in telomere length, lifespan, and embryonic dyskerin levels. <i>Aging Cell</i> , 2022, 21, e13614.	3.0	19
5	Mapping of sister chromatid exchange events and genome alterations in single cells. <i>Methods</i> , 2022, 204, 64-72.	1.9	2
6	Genetic, parental and lifestyle factors influence telomere length. <i>Communications Biology</i> , 2022, 5, .	2.0	23
7	Fully phased human genome assembly without parental data using single-cell strand sequencing and long reads. <i>Nature Biotechnology</i> , 2021, 39, 302-308.	9.4	127
8	Construction of Whole Genomes from Scaffolds Using Single Cell Strand-Seq Data. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3617.	1.8	5
9	InvertypR: Bayesian inversion genotyping with Strand-seq data. <i>BMC Genomics</i> , 2021, 22, 582.	1.2	3
10	Deposition Bias of Chromatin Proteins Inverts under DNA Replication Stress Conditions. <i>ACS Chemical Biology</i> , 2021, 16, 2193-2201.	1.6	6
11	breakpointR: an R/Bioconductor package to localize strand state changes in Strand-seq data. <i>Bioinformatics</i> , 2020, 36, 1260-1261.	1.8	32
12	Improved assembly and variant detection of a haploid human genome using single-molecule, high-fidelity long reads. <i>Annals of Human Genetics</i> , 2020, 84, 125-140.	0.3	100
13	Analysis of Released Circulating Tumor Cells During Surgery for Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 1656-1666.	3.2	33
14	RECQL5 at the Intersection of Replication and Transcription. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 324.	1.8	14
15	Detection of Circulating Tumor Cells in the Diagnostic Leukapheresis Product of Non-Small-Cell Lung Cancer Patients Comparing CellSearch® and ISET. <i>Cancers</i> , 2020, 12, 896.	1.7	31
16	Sperm DNA damage causes genomic instability in early embryonic development. <i>Science Advances</i> , 2020, 6, eaaz7602.	4.7	37
17	Helicases FANCI, RTEL1 and BLM Act on Guanine Quadruplex DNA in Vivo. <i>Genes</i> , 2019, 10, 870.	1.0	33
18	Ongoing chromosomal instability and karyotype evolution in human colorectal cancer organoids. <i>Nature Genetics</i> , 2019, 51, 824-834.	9.4	162

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19	Multi-platform discovery of haplotype-resolved structural variation in human genomes. <i>Nature Communications</i> , 2019, 10, 1784.	5.8	636
20	Quantification of Aneuploidy in Mammalian Systems. <i>Methods in Molecular Biology</i> , 2019, 1896, 159-190.	0.4	33
21	BLM helicase suppresses recombination at G-quadruplex motifs in transcribed genes. <i>Nature Communications</i> , 2018, 9, 271.	5.8	83
22	Single-cell sequencing to quantify genomic integrity in cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 94, 146-150.	1.2	15
23	Ihor Lemischka (1953-2017). <i>Stem Cell Reports</i> , 2018, 10, 329-330.	2.3	0
24	Defects in lymphocyte telomere homeostasis contribute to cellular immune phenotype in patients with cartilage-hair hypoplasia. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1120-1129.e1.	1.5	14
25	Centrosome Amplification Is Sufficient to Promote Spontaneous Tumorigenesis in Mammals. <i>Developmental Cell</i> , 2017, 40, 313-322.e5.	3.1	291
26	Assembling draft genomes using contiBAIT. <i>Bioinformatics</i> , 2017, 33, 2737-2739.	1.8	10
27	Single-cell template strand sequencing by Strand-seq enables the characterization of individual homologs. <i>Nature Protocols</i> , 2017, 12, 1151-1176.	5.5	89
28	Guanine quadruplex monoclonal antibody 1H6 cross-reacts with restrained thymidine-rich single stranded DNA. <i>Nucleic Acids Research</i> , 2017, 45, 5913-5919.	6.5	36
29	p53 Prohibits Propagation of Chromosome Segregation Errors that Produce Structural Aneuploidies. <i>Cell Reports</i> , 2017, 19, 2423-2431.	2.9	127
30	Dense and accurate whole-chromosome haplotyping of individual genomes. <i>Nature Communications</i> , 2017, 8, 1293.	5.8	83
31	Maintenance of telomere length in AML. <i>Blood Advances</i> , 2017, 1, 2467-2472.	2.5	19
32	Deletion of the MAD2L1 spindle assembly checkpoint gene is tolerated in mouse models of acute T-cell lymphoma and hepatocellular carcinoma. <i>ELife</i> , 2017, 6, .	2.8	56
33	Genome-wide mapping of sister chromatid exchange events in single yeast cells using Strand-seq. <i>ELife</i> , 2017, 6, .	2.8	30
34	Single-cell whole genome sequencing reveals no evidence for common aneuploidy in normal and Alzheimer's disease neurons. <i>Genome Biology</i> , 2016, 17, 116.	3.8	118
35	Telomeres on Steroids "Turning Back the Mitotic Clock?". <i>New England Journal of Medicine</i> , 2016, 374, 1978-1980.	13.9	2
36	Analysis of genome structure and rearrangements using single cell sequencing approaches. <i>Experimental Hematology</i> , 2016, 44, S35.	0.2	0

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37	Characterizing polymorphic inversions in human genomes by single-cell sequencing. <i>Genome Research</i> , 2016, 26, 1575-1587.	2.4	67
38	Direct chromosome-length haplotyping by single-cell sequencing. <i>Genome Research</i> , 2016, 26, 1565-1574.	2.4	52
39	Bromodeoxyuridine does not contribute to sister chromatid exchange events in normal or Bloom syndrome cells. <i>Nucleic Acids Research</i> , 2016, 44, 6787-6793.	6.5	23
40	Single-cell sequencing reveals karyotype heterogeneity in murine and human malignancies. <i>Genome Biology</i> , 2016, 17, 115.	3.8	178
41	Guanine quadruplex structures localize to heterochromatin. <i>Nucleic Acids Research</i> , 2016, 44, 152-163.	6.5	60
42	How to count chromosomes in a cell: An overview of current and novel technologies. <i>BioEssays</i> , 2015, 37, 570-577.	1.2	49
43	Extensive Nuclear Reprogramming Underlies Lineage Conversion into Functional Trophoblast Stem-like Cells. <i>Cell Stem Cell</i> , 2015, 17, 543-556.	5.2	80
44	Detection of G-quadruplex DNA in mammalian cells. <i>Nucleic Acids Research</i> , 2014, 42, 860-869.	6.5	410
45	Resolution of telomere associations by TRF1 cleavage in mouse embryonic stem cells. <i>Molecular Biology of the Cell</i> , 2014, 25, 1958-1968.	0.9	11
46	Gender and telomere length: Systematic review and meta-analysis. <i>Experimental Gerontology</i> , 2014, 51, 15-27.	1.2	394
47	The Developmental Potential of iPSCs Is Greatly Influenced by Reprogramming Factor Selection. <i>Cell Stem Cell</i> , 2014, 15, 295-309.	5.2	137
48	BAIT: Organizing genomes and mapping rearrangements in single cells. <i>Genome Medicine</i> , 2013, 5, 82.	3.6	32
49	The Luminal Progenitor Compartment of the Normal Human Mammary Gland Constitutes a Unique Site of Telomere Dysfunction. <i>Stem Cell Reports</i> , 2013, 1, 28-37.	2.3	50
50	Strand-seq: A unifying tool for studies of chromosome segregation. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 643-652.	2.3	29
51	RTEL1 contributes to DNA replication and repair and telomere maintenance. <i>Molecular Biology of the Cell</i> , 2012, 23, 2782-2792.	0.9	100
52	Collapse of Telomere Homeostasis in Hematopoietic Cells Caused by Heterozygous Mutations in Telomerase Genes. <i>PLoS Genetics</i> , 2012, 8, e1002696.	1.5	199
53	Telomere length is associated with disease severity and declines with age in dyskeratosis congenita. <i>Haematologica</i> , 2012, 97, 353-359.	1.7	194
54	Epigenetic differences between sister chromatids?. <i>Annals of the New York Academy of Sciences</i> , 2012, 1266, 1-6.	1.8	18

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55	The Mammalian Proteins MMS19, MIP18, and ANT2 Are Involved in Cytoplasmic Iron-Sulfur Cluster Protein Assembly. <i>Journal of Biological Chemistry</i> , 2012, 287, 43351-43358.	1.6	39
56	DNA template strand sequencing of single-cells maps genomic rearrangements at high resolution. <i>Nature Methods</i> , 2012, 9, 1107-1112.	9.0	160
57	Telomere length measurement—Caveats and a critical assessment of the available technologies and tools. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 730, 59-67.	0.4	274
58	Ancestral Mutation in Telomerase Causes Defects in Repeat Addition Processivity and Manifests As Familial Pulmonary Fibrosis. <i>PLoS Genetics</i> , 2011, 7, e1001352.	1.5	99
59	Prolonged self-renewal activity unmask telomerase control of telomere homeostasis and function of mouse hematopoietic stem cells. <i>Blood</i> , 2011, 118, 1766-1773.	0.6	19
60	Analysis of repetitive DNA in chromosomes by flow cytometry. <i>Nature Methods</i> , 2011, 8, 484-486.	9.0	23
61	Telomere elongation followed by telomere length reduction, in leukocytes from divers exposed to intense oxidative stress — Implications for tissue and organismal aging. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 123-130.	2.2	36
62	RTEL1: an essential helicase for telomere maintenance and the regulation of homologous recombination. <i>Nucleic Acids Research</i> , 2011, 39, 1647-1655.	6.5	93
63	Synchrony of telomere length among hematopoietic cells. <i>Experimental Hematology</i> , 2010, 38, 854-859.	0.2	131
64	Proliferative defects in dyskeratosis congenita skin keratinocytes are corrected by expression of the telomerase reverse transcriptase, TERT, or by activation of endogenous telomerase through expression of papillomavirus E6/E7 or the telomerase RNA component, TERC. <i>Experimental Dermatology</i> , 2010, 19, 279-288.	1.4	34
65	Identification of sister chromatids by DNA template strand sequences. <i>Nature</i> , 2010, 463, 93-97.	13.7	91
66	Telomere length is inherited with resetting of the telomere set-point. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10148-10153.	3.3	69
67	Chromosome orientation fluorescence in situ hybridization to study sister chromatid segregation in vivo. <i>Nature Protocols</i> , 2010, 5, 1362-1377.	5.5	11
68	TINF2 Mutations In Patients with Aplastic Anemia Result In Low TIN2 Expression In Hematopoietic Cells and Very Short Telomeres.. <i>Blood</i> , 2010, 116, 1165-1165.	0.6	11
69	Longitudinal Changes In Telomere Length In Patients with Dyskeratosis Congenita. <i>Blood</i> , 2010, 116, 2230-2230.	0.6	0
70	A Spectrum of Severe Familial Liver Disorders Associate with Telomerase Mutations. <i>PLoS ONE</i> , 2009, 4, e7926.	1.1	201
71	Constitutional hypomorphic telomerase mutations in patients with acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1187-1192.	3.3	168
72	Telomere length in Hutchinson-Gilford Progeria Syndrome. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 377-383.	2.2	134

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73	Telomeres and disease. <i>EMBO Journal</i> , 2009, 28, 2532-2540.	3.5	99
74	Short Telomeres Resulting from Heritable Mutations in the Telomerase Reverse Transcriptase Gene Predispose for a Variety of Malignancies. <i>Annals of the New York Academy of Sciences</i> , 2009, 1176, 178-190.	1.8	38
75	Hepatitis-associated Aplastic Anemia Presenting as a Familial Bone Marrow Failure Syndrome. <i>Journal of Pediatric Hematology/Oncology</i> , 2009, 31, 884-887.	0.3	7
76	Probing the mitotic history and developmental stage of hematopoietic cells using single telomere length analysis (STELA). <i>Blood</i> , 2009, 113, 5765-5775.	0.6	38
77	Correlation of Telomere Length in Blood, Buccal Cells, and Fibroblasts From Patients with Inherited Bone Marrow Failure Syndromes.. <i>Blood</i> , 2009, 114, 1083-1083.	0.6	4
78	Ataxia and pancytopenia caused by a mutation in TINF2. <i>Human Genetics</i> , 2008, 124, 507-513.	1.8	26
79	TINF2, a Component of the Shelterin Telomere Protection Complex, Is Mutated in Dyskeratosis Congenita. <i>American Journal of Human Genetics</i> , 2008, 82, 501-509.	2.6	368
80	Reduced telomere length variation in healthy oldest old. <i>Mechanisms of Ageing and Development</i> , 2008, 129, 638-641.	2.2	59
81	Telomeres and Aging. <i>Physiological Reviews</i> , 2008, 88, 557-579.	13.1	980
82	Telomeres, stem cells, and hematology. <i>Blood</i> , 2008, 111, 1759-1766.	0.6	84
83	Restoration of the CD4 T Cell Compartment after Long-Term Highly Active Antiretroviral Therapy without Phenotypical Signs of Accelerated Immunological Aging. <i>Journal of Immunology</i> , 2008, 181, 1573-1581.	0.4	60
84	Short telomeres are a risk factor for idiopathic pulmonary fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13051-13056.	3.3	665
85	Characterization of primitive hematopoietic cells from patients with dyskeratosis congenita. <i>Blood</i> , 2008, 111, 4523-4531.	0.6	49
86	Adoptive transfer of effector CD8+ T cells derived from central memory cells establishes persistent T cell memory in primates. <i>Journal of Clinical Investigation</i> , 2008, 118, 294-305.	3.9	735
87	TERT Mutations in Patients with Squamous Cell Carcinoma of the Tongue and Refractory Anemia. <i>Blood</i> , 2008, 112, 3096-3096.	0.6	0
88	Characterization of Novel Natural Mutations in Telomere Binding Protein Factor (TIN2) Identified in Patients with Bone-Marrow Failure Syndromes. <i>Blood</i> , 2008, 112, 3101-3101.	0.6	0
89	Probing the Mitotic History and Developmental Stage of Hematopoietic Cells Using Single Telomere Length Analysis (STELA). <i>Blood</i> , 2008, 112, 2449-2449.	0.6	0
90	Very Short Telomeres Are Characteristic of Dyskeratosis Congenita and Not Other Inherited Bone Marrow Failure Syndromes. <i>Blood</i> , 2008, 112, 1044-1044.	0.6	0

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91	High Prevalence of TERT Mutations in Chronic Lymphocytic Leukemia. <i>Blood</i> , 2008, 112, 3126-3126.	0.6	1
92	RECQL, a Member of the RecQ Family of DNA Helicases, Suppresses Chromosomal Instability. <i>Molecular and Cellular Biology</i> , 2007, 27, 1784-1794.	1.1	107
93	Functional characterization of natural telomerase mutations found in patients with hematologic disorders. <i>Blood</i> , 2007, 109, 524-532.	0.6	93
94	Hematopoietic stem-cell behavior in nonhuman primates. <i>Blood</i> , 2007, 110, 1806-1813.	0.6	78
95	Very short telomere length by flow fluorescence in situ hybridization identifies patients with dyskeratosis congenita. <i>Blood</i> , 2007, 110, 1439-1447.	0.6	296
96	Immortal Strands? Give Me a Break. <i>Cell</i> , 2007, 129, 1244-1247.	13.5	173
97	Telomerase Mutations in Families with Idiopathic Pulmonary Fibrosis. <i>New England Journal of Medicine</i> , 2007, 356, 1317-1326.	13.9	1,175
98	Longitudinal data on telomere length in leukocytes from newborn baboons support a marked drop in stem cell turnover around 1Åyear of age. <i>Aging Cell</i> , 2007, 6, 121-123.	3.0	72
99	Telomere restoration and extension of proliferative lifespan in dyskeratosis congenita fibroblasts. <i>Aging Cell</i> , 2007, 6, 383-394.	3.0	63
100	Telomere length in paroxysmal nocturnal hemoglobinuria correlates with clone size. <i>Experimental Hematology</i> , 2007, 35, 1777-1781.	0.2	4
101	Telomere Length in Human Natural Killer Cell Subsets. <i>Annals of the New York Academy of Sciences</i> , 2007, 1106, 240-252.	1.8	80
102	Constitutional Loss-of-Function Mutations in Telomerase Are Genetic Risk Factors for Acute Myeloid Leukemia.. <i>Blood</i> , 2007, 110, 16-16.	0.6	4
103	TINF2, a Component of the Shelterin Telomere Protection Complex, Is Mutated in Dyskeratosis Congenita.. <i>Blood</i> , 2007, 110, 835-835.	0.6	0
104	The Impact of Telomere Shortening in Dyskeratosis Congenita Cells on DNA Damage Response Pathways.. <i>Blood</i> , 2007, 110, 4052-4052.	0.6	0
105	Loss of Primitive Hematopoietic Cells in Patients with Dyskeratosis Congenita.. <i>Blood</i> , 2007, 110, LB3-LB3.	0.6	0
106	Stress, social rank and leukocyte telomere length. <i>Aging Cell</i> , 2006, 5, 583-584.	3.0	29
107	Flow cytometry and FISH to measure the average length of telomeres (flow FISH). <i>Nature Protocols</i> , 2006, 1, 2365-2376.	5.5	369
108	High incidence of rapid telomere loss in telomerase-deficient <i>Caenorhabditis elegans</i> . <i>Nucleic Acids Research</i> , 2006, 34, 96-103.	6.5	29

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109	A Large Mennonite Family with a Novel K570N TERT Gene Mutation: Association with a Clinical Spectrum of Bone Marrow Failure, Acute Myeloid Leukemia, and Acute Liver Failure.. Blood, 2006, 108, 992-992.	0.6	2
110	T-Cells with Extremely Short Telomeres and High Telomerase Activity in T-Cell Prolymphocytic Leukemia (T-PLL): The Ideal Target for Telomerase Inhibition.. Blood, 2006, 108, 497-497.	0.6	0
111	Telomere Length Measurement by Flow-FISH Distinguishes Dyskeratosis Congenita from Other Bone Marrow Failure Syndromes.. Blood, 2006, 108, 183-183.	0.6	2
112	Functional characterization of telomerase RNA variants found in patients with hematologic disorders. Blood, 2005, 105, 2332-2339.	0.6	84
113	Identification and functional characterization of 2 variant alleles of the telomerase RNA template gene (TERC) in a patient with dyskeratosis congenita. Blood, 2005, 106, 1246-1252.	0.6	43
114	Role of Telomerase in Hematopoietic Stem Cells. Annals of the New York Academy of Sciences, 2005, 1044, 220-227.	1.8	37
115	Major cutbacks at chromosome ends. Trends in Biochemical Sciences, 2005, 30, 388-395.	3.7	91
116	Unusual distribution pattern of telomeric repeats in the shrews Sorex araneus and Sorex granarius. Chromosome Research, 2005, 13, 617-625.	1.0	40
117	Mutations in TERT, the Gene for Telomerase Reverse Transcriptase, in Aplastic Anemia. New England Journal of Medicine, 2005, 352, 1413-1424.	13.9	665
118	The telomerase reverse transcriptase regulates chromatin state and DNA damage responses. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8222-8227.	3.3	332
119	CD27 Expression Promotes Long-Term Survival of Functional Effector Memory CD8+ Cytotoxic T Lymphocytes in HIV-infected Patients. Journal of Experimental Medicine, 2004, 200, 1407-1417.	4.2	113
120	Strain-specific telomere length revealed by single telomere length analysis in Caenorhabditis elegans. Nucleic Acids Research, 2004, 32, 3383-3391.	6.5	27
121	Telomere Length Measurements Using Fluorescence In Situ Hybridization and Flow Cytometry. Methods in Cell Biology, 2004, 75, 719-750.	0.5	32
122	Estimating human hematopoietic stem cell kinetics using granulocyte telomere lengths. Experimental Hematology, 2004, 32, 1040-1050.	0.2	91
123	Effect of TERT and ATM on gene expression profiles in human fibroblasts. Genes Chromosomes and Cancer, 2004, 39, 298-310.	1.5	11
124	Prediction of Survival in Follicular Lymphoma Based on Molecular Features of Tumor-Infiltrating Immune Cells. New England Journal of Medicine, 2004, 351, 2159-2169.	13.9	1,293
125	Regulation of Murine Telomere Length by Rtel. Cell, 2004, 117, 873-886.	13.5	283
126	Genes Encoding Telomere-Binding Proteins TERF1, TERF2 and TIN2 Are mutated in Patients with Acquired Aplastic Anemia.. Blood, 2004, 104, 170-170.	0.6	10

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127	Age Related Changes in Hoechst 33342 Efflux Dynamics and Side Population Phenotype in Murine Bone Marrow.. Blood, 2004, 104, 3220-3220.	0.6	0
128	Functional Characterization of Telomerase RNA Variants Found in Patients with Hematological Disorders.. Blood, 2004, 104, 2832-2832.	0.6	14
129	Mutations in TERT, the Gene Encoding Telomerase Reverse Transcriptase, in "Acquired" Aplastic Anemia Inhibit Enzymatic Function by a Dominant Negative Mechanism of Action.. Blood, 2004, 104, 3-3.	0.6	1
130	Telomere Length in Subpopulations of Human Hematopoietic Cells. Stem Cells, 2003, 21, 654-660.	1.4	53
131	Telomeres, telomerase, and hematopoietic stem cell biology. Archives of Medical Research, 2003, 34, 489-495.	1.5	70
132	Telomere length measurements in leukocyte subsets by automated multicolor flow-FISH. Cytometry, 2003, 55A, 1-6.	1.8	91
133	Normalization of Previously Shortened Telomere Length under Treatment with Imatinib Argues against a Preexisting Telomere Length Deficit in Normal Hematopoietic Stem Cells from Patients with Chronic Myeloid Leukemia. Annals of the New York Academy of Sciences, 2003, 996, 26-38.	1.8	28
134	Telomeres in Hematopoietic Stem Cells. Annals of the New York Academy of Sciences, 2003, 996, 44-48.	1.8	21
135	Late presentation of dyskeratosis congenita as apparently acquired aplastic anaemia due to mutations in telomerase RNA. Lancet, The, 2003, 362, 1628-1630.	6.3	239
136	Telomere length and the expression of natural telomeric genes in human fibroblasts. Human Molecular Genetics, 2003, 12, 1329-1336.	1.4	40
137	Role of oxidative stress in telomere shortening in cultured fibroblasts from normal individuals and patients with ataxia-telangiectasia. Human Molecular Genetics, 2003, 12, 227-232.	1.4	120
138	The Mammalian SIR2 \pm Protein Has a Role in Embryogenesis and Gametogenesis. Molecular and Cellular Biology, 2003, 23, 38-54.	1.1	579
139	Telomere shortening in leukocyte subpopulations from baboons. Journal of Leukocyte Biology, 2003, 73, 289-296.	1.5	37
140	Telomerase levels control the lifespan of human T lymphocytes. Blood, 2003, 102, 849-857.	0.6	133
141	Telomere length in peripheral blood granulocytes reflects response to treatment with imatinib in patients with chronic myeloid leukemia. Blood, 2003, 101, 375-375.	0.6	27
142	Mutations of the human telomerase RNA gene (TERC) in aplastic anemia and myelodysplastic syndrome. Blood, 2003, 102, 916-918.	0.6	274
143	Stem Cells: Hype and Reality. Hematology American Society of Hematology Education Program, 2002, 2002, 369-391.	0.9	153
144	Telomere shortening in hematopoietic stem cell transplantation: A potential mechanism for late graft failure?. Biology of Blood and Marrow Transplantation, 2002, 8, 597-600.	2.0	51

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145	Feature analysis and centromere segmentation of human chromosome images using an iterative fuzzy algorithm. <i>IEEE Transactions on Biomedical Engineering</i> , 2002, 49, 363-371.	2.5	14
146	Longitudinal studies of telomere length in feline blood cells. <i>Experimental Hematology</i> , 2002, 30, 1147-1152.	0.2	70
147	Telomere maintenance in human B lymphocytes. <i>British Journal of Haematology</i> , 2002, 119, 810-818.	1.2	86
148	Functional characterization of multiple domains involved in the subcellular localization of the hematopoietic Pbx interacting protein (HPIP). <i>Oncogene</i> , 2002, 21, 6766-6771.	2.6	31
149	Disruption of dog-1 in <i>Caenorhabditis elegans</i> triggers deletions upstream of guanine-rich DNA. <i>Nature Genetics</i> , 2002, 31, 405-409.	9.4	242
150	Synergistic role of Ku80 and poly(ADP-ribose) polymerase in suppressing chromosomal aberrations and liver cancer formation. <i>Cancer Research</i> , 2002, 62, 6990-6.	0.4	92
151	Quantitative Fluorescence In Situ Hybridization (Q-FISH). <i>Current Protocols in Cell Biology</i> , 2001, 12, 18.4.1-18.4.21.	2.3	57
152	Telomere length in leukocyte subpopulations of patients with aplastic anemia. <i>Blood</i> , 2001, 97, 895-900.	0.6	196
153	Measurements of telomere length on individual chromosomes by image cytometry. <i>Methods in Cell Biology</i> , 2001, 64, 69-96.	0.5	47
154	Accelerated telomere shortening in hematological lineages is limited to the first year following stem cell transplantation. <i>Blood</i> , 2001, 97, 575-577.	0.6	114
155	Telomerase and T-cell function. <i>Blood</i> , 2001, 97, 585-586.	0.6	0
156	Transfer of the human telomerase reverse transcriptase(TERT) gene into T lymphocytes results in extension of replicative potential. <i>Blood</i> , 2001, 98, 597-603.	0.6	171
157	Modelling Perspectives on Aging: Can Mathematics Help us Stay Young?. <i>Journal of Theoretical Biology</i> , 2001, 213, 509-525.	0.8	26
158	Multicolor fluorescence in situ hybridization with peptide nucleic acid probes for enumeration of specific chromosomes in human cells. <i>Genes Chromosomes and Cancer</i> , 2001, 30, 57-63.	1.5	52
159	Effects of DNA nonhomologous end-joining factors on telomere length and chromosomal stability in mammalian cells. <i>Current Biology</i> , 2001, 11, 1192-1196.	1.8	260
160	DNA Strand Break-Sensing Molecule Poly(ADP-Ribose) Polymerase Cooperates with p53 in Telomere Function, Chromosome Stability, and Tumor Suppression. <i>Molecular and Cellular Biology</i> , 2001, 21, 4046-4054.	1.1	121
161	Extra-chromosomal telomeric DNA in cells from <i>Atm</i> ^{-/-} mice and patients with ataxia-telangiectasia. <i>Human Molecular Genetics</i> , 2001, 10, 519-528.	1.4	108
162	Limited Telomere Shortening in Hematopoietic Stem Cells after Transplantation. <i>Annals of the New York Academy of Sciences</i> , 2001, 938, 1-8.	1.8	31

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163	Telomere Length Dynamics in Normal Individuals and in Patients with Hematopoietic Stem Cell-Associated Disorders. <i>Annals of the New York Academy of Sciences</i> , 2001, 938, 293-304.	1.8	73
164	Repair of telomeric DNA prior to replicative senescence. <i>Mechanisms of Ageing and Development</i> , 2000, 118, 23-34.	2.2	81
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