

# Peter M Lansdorp

## List of Publications by Year in descending order

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210  
papers

26,831  
citations

8181

76  
h-index

6300

158  
g-index

224  
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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. British Journal of Cancer, 2022, 126, 409-418.	6.4	5
2	Construction of Strand-seq libraries in open nanoliter arrays. Cell Reports Methods, 2022, 2, 100150.	2.9	10
3	Telomeres, aging, and cancer: the big picture. Blood, 2022, 139, 813-821.	1.4	30
4	Sex differences in telomere length, lifespan, and embryonic dyskerin levels. Aging Cell, 2022, 21, e13614.	6.7	19
5	Mapping of sister chromatid exchange events and genome alterations in single cells. Methods, 2022, 204, 64-72.	3.8	2
6	Genetic, parental and lifestyle factors influence telomere length. Communications Biology, 2022, 5, .	4.4	23
7	Fully phased human genome assembly without parental data using single-cell strand sequencing and long reads. Nature Biotechnology, 2021, 39, 302-308.	17.5	127
8	Construction of Whole Genomes from Scaffolds Using Single Cell Strand-Seq Data. International Journal of Molecular Sciences, 2021, 22, 3617.	4.1	5
9	InverttypeR: Bayesian inversion genotyping with Strand-seq data. BMC Genomics, 2021, 22, 582.	2.8	3
10	Deposition Bias of Chromatin Proteins Inverts under DNA Replication Stress Conditions. ACS Chemical Biology, 2021, 16, 2193-2201.	3.4	6
11	breakpointR: an R/Bioconductor package to localize strand state changes in Strand-seq data. Bioinformatics, 2020, 36, 1260-1261.	4.1	32
12	Improved assembly and variant detection of a haploid human genome using single-molecule, high-fidelity long reads. Annals of Human Genetics, 2020, 84, 125-140.	0.8	100
13	Analysis of Released Circulating Tumor Cells During Surgery for Non-Small Cell Lung Cancer. Clinical Cancer Research, 2020, 26, 1656-1666.	7.0	33
14	RECQL5 at the Intersection of Replication and Transcription. Frontiers in Cell and Developmental Biology, 2020, 8, 324.	3.7	14
15	Detection of Circulating Tumor Cells in the Diagnostic Leukapheresis Product of Non-Small-Cell Lung Cancer Patients Comparing CellSearch® and ISET. Cancers, 2020, 12, 896.	3.7	31
16	Sperm DNA damage causes genomic instability in early embryonic development. Science Advances, 2020, 6, eaaz7602.	10.3	37
17	Helicases FANCI, RTEL1 and BLM Act on Guanine Quadruplex DNA in Vivo. Genes, 2019, 10, 870.	2.4	33
18	Ongoing chromosomal instability and karyotype evolution in human colorectal cancer organoids. Nature Genetics, 2019, 51, 824-834.	21.4	162

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19	Multi-platform discovery of haplotype-resolved structural variation in human genomes. Nature Communications, 2019, 10, 1784.	12.8	636
20	Quantification of Aneuploidy in Mammalian Systems. Methods in Molecular Biology, 2019, 1896, 159-190.	0.9	33
21	BLM helicase suppresses recombination at G-quadruplex motifs in transcribed genes. Nature Communications, 2018, 9, 271.	12.8	83
22	Single-cell sequencing to quantify genomic integrity in cancer. International Journal of Biochemistry and Cell Biology, 2018, 94, 146-150.	2.8	15
23	Ihor Lemischka (1953-2017). Stem Cell Reports, 2018, 10, 329-330.	4.8	0
24	Defects in lymphocyte telomere homeostasis contribute to cellular immune phenotype in patients with cartilage-hair hypoplasia. Journal of Allergy and Clinical Immunology, 2017, 140, 1120-1129.e1.	2.9	14
25	Centrosome Amplification Is Sufficient to Promote Spontaneous Tumorigenesis in Mammals. Developmental Cell, 2017, 40, 313-322.e5.	7.0	291
26	Assembling draft genomes using contiBAIT. Bioinformatics, 2017, 33, 2737-2739.	4.1	10
27	Single-cell template strand sequencing by Strand-seq enables the characterization of individual homologs. Nature Protocols, 2017, 12, 1151-1176.	12.0	89
28	Guanine quadruplex monoclonal antibody 1H6 cross-reacts with restrained thymidine-rich single stranded DNA. Nucleic Acids Research, 2017, 45, 5913-5919.	14.5	36
29	p53 Prohibits Propagation of Chromosome Segregation Errors that Produce Structural Aneuploidies. Cell Reports, 2017, 19, 2423-2431.	6.4	127
30	Dense and accurate whole-chromosome haplotyping of individual genomes. Nature Communications, 2017, 8, 1293.	12.8	83
31	Maintenance of telomere length in AML. Blood Advances, 2017, 1, 2467-2472.	5.2	19
32	Deletion of the MAD2L1 spindle assembly checkpoint gene is tolerated in mouse models of acute T-cell lymphoma and hepatocellular carcinoma. ELife, 2017, 6, .	6.0	56
33	Genome-wide mapping of sister chromatid exchange events in single yeast cells using Strand-seq. ELife, 2017, 6, .	6.0	30
34	Single-cell whole genome sequencing reveals no evidence for common aneuploidy in normal and Alzheimer's disease neurons. Genome Biology, 2016, 17, 116.	8.8	118
35	Telomeres on Steroids "Turning Back the Mitotic Clock?". New England Journal of Medicine, 2016, 374, 1978-1980.	27.0	2
36	Analysis of genome structure and rearrangements using single cell sequencing approaches. Experimental Hematology, 2016, 44, S35.	0.4	0

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37	Characterizing polymorphic inversions in human genomes by single-cell sequencing. <i>Genome Research</i> , 2016, 26, 1575-1587.	5.5	67
38	Direct chromosome-length haplotyping by single-cell sequencing. <i>Genome Research</i> , 2016, 26, 1565-1574.	5.5	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.	14.5	23
40	Single-cell sequencing reveals karyotype heterogeneity in murine and human malignancies. <i>Genome Biology</i> , 2016, 17, 115.	8.8	178
41	Guanine quadruplex structures localize to heterochromatin. <i>Nucleic Acids Research</i> , 2016, 44, 152-163.	14.5	60
42	How to count chromosomes in a cell: An overview of current and novel technologies. <i>BioEssays</i> , 2015, 37, 570-577.	2.5	49
43	Extensive Nuclear Reprogramming Underlies Lineage Conversion into Functional Trophoblast Stem-like Cells. <i>Cell Stem Cell</i> , 2015, 17, 543-556.	11.1	80
44	Detection of G-quadruplex DNA in mammalian cells. <i>Nucleic Acids Research</i> , 2014, 42, 860-869.	14.5	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.	2.1	11
46	Gender and telomere length: Systematic review and meta-analysis. <i>Experimental Gerontology</i> , 2014, 51, 15-27.	2.8	394
47	The Developmental Potential of iPSCs Is Greatly Influenced by Reprogramming Factor Selection. <i>Cell Stem Cell</i> , 2014, 15, 295-309.	11.1	137
48	BAIT: Organizing genomes and mapping rearrangements in single cells. <i>Genome Medicine</i> , 2013, 5, 82.	8.2	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.	4.8	50
50	Strand-seq: A unifying tool for studies of chromosome segregation. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 643-652.	5.0	29
51	RTEL1 contributes to DNA replication and repair and telomere maintenance. <i>Molecular Biology of the Cell</i> , 2012, 23, 2782-2792.	2.1	100
52	Collapse of Telomere Homeostasis in Hematopoietic Cells Caused by Heterozygous Mutations in Telomerase Genes. <i>PLoS Genetics</i> , 2012, 8, e1002696.	3.5	199
53	Telomere length is associated with disease severity and declines with age in dyskeratosis congenita. <i>Haematologica</i> , 2012, 97, 353-359.	3.5	194
54	Epigenetic differences between sister chromatids?. <i>Annals of the New York Academy of Sciences</i> , 2012, 1266, 1-6.	3.8	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.	3.4	39
56	DNA template strand sequencing of single-cells maps genomic rearrangements at high resolution. <i>Nature Methods</i> , 2012, 9, 1107-1112.	19.0	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.	1.0	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.	3.5	99
59	Prolonged self-renewal activity unmasks telomerase control of telomere homeostasis and function of mouse hematopoietic stem cells. <i>Blood</i> , 2011, 118, 1766-1773.	1.4	19
60	Analysis of repetitive DNA in chromosomes by flow cytometry. <i>Nature Methods</i> , 2011, 8, 484-486.	19.0	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.	4.6	36
62	RTEL1: an essential helicase for telomere maintenance and the regulation of homologous recombination. <i>Nucleic Acids Research</i> , 2011, 39, 1647-1655.	14.5	93
63	Synchrony of telomere length among hematopoietic cells. <i>Experimental Hematology</i> , 2010, 38, 854-859.	0.4	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.	2.9	34
65	Identification of sister chromatids by DNA template strand sequences. <i>Nature</i> , 2010, 463, 93-97.	27.8	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.	7.1	69
67	Chromosome orientation fluorescence in situ hybridization to study sister chromatid segregation in vivo. <i>Nature Protocols</i> , 2010, 5, 1362-1377.	12.0	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.	1.4	11
69	Longitudinal Changes In Telomere Length In Patients with Dyskeratosis Congenita. <i>Blood</i> , 2010, 116, 2230-2230.	1.4	0
70	A Spectrum of Severe Familial Liver Disorders Associate with Telomerase Mutations. <i>PLoS ONE</i> , 2009, 4, e7926.	2.5	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.	7.1	168
72	Telomere length in Hutchinson-Gilford Progeria Syndrome. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 377-383.	4.6	134

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73	Telomeres and disease. EMBO Journal, 2009, 28, 2532-2540.	7.8	99
74	Short Telomeres Resulting from Heritable Mutations in the Telomerase Reverse Transcriptase Gene Predispose for a Variety of Malignancies. Annals of the New York Academy of Sciences, 2009, 1176, 178-190.	3.8	38
75	Hepatitis-associated Aplastic Anemia Presenting as a Familial Bone Marrow Failure Syndrome. Journal of Pediatric Hematology/Oncology, 2009, 31, 884-887.	0.6	7
76	Probing the mitotic history and developmental stage of hematopoietic cells using single telomere length analysis (STELA). Blood, 2009, 113, 5765-5775.	1.4	38
77	Correlation of Telomere Length in Blood, Buccal Cells, and Fibroblasts From Patients with Inherited Bone Marrow Failure Syndromes.. Blood, 2009, 114, 1083-1083.	1.4	4
78	Ataxia and pancytopenia caused by a mutation in TINF2. Human Genetics, 2008, 124, 507-513.	3.8	26
79	TINF2, a Component of the Shelterin Telomere Protection Complex, Is Mutated in Dyskeratosis Congenita. American Journal of Human Genetics, 2008, 82, 501-509.	6.2	368
80	Reduced telomere length variation in healthy oldest old. Mechanisms of Ageing and Development, 2008, 129, 638-641.	4.6	59
81	Telomeres and Aging. Physiological Reviews, 2008, 88, 557-579.	28.8	980
82	Telomeres, stem cells, and hematology. Blood, 2008, 111, 1759-1766.	1.4	84
83	Restoration of the CD4 T Cell Compartment after Long-Term Highly Active Antiretroviral Therapy without Phenotypical Signs of Accelerated Immunological Aging. Journal of Immunology, 2008, 181, 1573-1581.	0.8	60
84	Short telomeres are a risk factor for idiopathic pulmonary fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13051-13056.	7.1	665
85	Characterization of primitive hematopoietic cells from patients with dyskeratosis congenita. Blood, 2008, 111, 4523-4531.	1.4	49
86	Adoptive transfer of effector CD8+ T cells derived from central memory cells establishes persistent T cell memory in primates. Journal of Clinical Investigation, 2008, 118, 294-305.	8.2	735
87	TERT Mutations in Patients with Squamous Cell Carcinoma of the Tongue and Refractory Anemia. Blood, 2008, 112, 3096-3096.	1.4	0
88	Characterization of Novel Natural Mutations in Telomere Binding Protein Factor (TIN2) Identified in Patients with Bone-Marrow Failure Syndromes. Blood, 2008, 112, 3101-3101.	1.4	0
89	Probing the Mitotic History and Developmental Stage of Hematopoietic Cells Using Single Telomere Length Analysis (STELA). Blood, 2008, 112, 2449-2449.	1.4	0
90	Very Short Telomeres Are Characteristic of Dyskeratosis Congenita and Not Other Inherited Bone Marrow Failure Syndromes. Blood, 2008, 112, 1044-1044.	1.4	0

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91	High Prevalence of TERT Mutations in Chronic Lymphocytic Leukemia. Blood, 2008, 112, 3126-3126.	1.4	1
92	RECQL, a Member of the RecQ Family of DNA Helicases, Suppresses Chromosomal Instability. Molecular and Cellular Biology, 2007, 27, 1784-1794.	2.3	107
93	Functional characterization of natural telomerase mutations found in patients with hematologic disorders. Blood, 2007, 109, 524-532.	1.4	93
94	Hematopoietic stem-cell behavior in nonhuman primates. Blood, 2007, 110, 1806-1813.	1.4	78
95	Very short telomere length by flow fluorescence in situ hybridization identifies patients with dyskeratosis congenita. Blood, 2007, 110, 1439-1447.	1.4	296
96	Immortal Strands? Give Me a Break. Cell, 2007, 129, 1244-1247.	28.9	173
97	Telomerase Mutations in Families with Idiopathic Pulmonary Fibrosis. New England Journal of Medicine, 2007, 356, 1317-1326.	27.0	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. Aging Cell, 2007, 6, 121-123.	6.7	72
99	Telomere restoration and extension of proliferative lifespan in dyskeratosis congenita fibroblasts. Aging Cell, 2007, 6, 383-394.	6.7	63
100	Telomere length in paroxysmal nocturnal hemoglobinuria correlates with clone size. Experimental Hematology, 2007, 35, 1777-1781.	0.4	4
101	Telomere Length in Human Natural Killer Cell Subsets. Annals of the New York Academy of Sciences, 2007, 1106, 240-252.	3.8	80
102	Constitutional Loss-of-Function Mutations in Telomerase Are Genetic Risk Factors for Acute Myeloid Leukemia.. Blood, 2007, 110, 16-16.	1.4	4
103	TINF2, a Component of the Shelterin Telomere Protection Complex, Is Mutated in Dyskeratosis Congenita.. Blood, 2007, 110, 835-835.	1.4	0
104	The Impact of Telomere Shortening in Dyskeratosis Congenita Cells on DNA Damage Response Pathways.. Blood, 2007, 110, 4052-4052.	1.4	0
105	Loss of Primitive Hematopoietic Cells in Patients with Dyskeratosis Congenita.. Blood, 2007, 110, LB3-LB3.	1.4	0
106	Stress, social rank and leukocyte telomere length. Aging Cell, 2006, 5, 583-584.	6.7	29
107	Flow cytometry and FISH to measure the average length of telomeres (flow FISH). Nature Protocols, 2006, 1, 2365-2376.	12.0	369
108	High incidence of rapid telomere loss in telomerase-deficient Caenorhabditis elegans. Nucleic Acids Research, 2006, 34, 96-103.	14.5	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.	1.4	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.	1.4	0
111	Telomere Length Measurement by Flow-FISH Distinguishes Dyskeratosis Congenita from Other Bone Marrow Failure Syndromes.. Blood, 2006, 108, 183-183.	1.4	2
112	Functional characterization of telomerase RNA variants found in patients with hematologic disorders. Blood, 2005, 105, 2332-2339.	1.4	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.	1.4	43
114	Role of Telomerase in Hematopoietic Stem Cells. Annals of the New York Academy of Sciences, 2005, 1044, 220-227.	3.8	37
115	Major cutbacks at chromosome ends. Trends in Biochemical Sciences, 2005, 30, 388-395.	7.5	91
116	Unusual distribution pattern of telomeric repeats in the shrews Sorex araneus and Sorex granarius. Chromosome Research, 2005, 13, 617-625.	2.2	40
117	Mutations in<i>TERT</i>, the Gene for Telomerase Reverse Transcriptase, in Aplastic Anemia. New England Journal of Medicine, 2005, 352, 1413-1424.	27.0	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.	7.1	332
119	CD27 Expression Promotes Long-Term Survival of Functional Effectorâ€œMemory CD8+ Cytotoxic T Lymphocytes in HIV-infected Patients. Journal of Experimental Medicine, 2004, 200, 1407-1417.	8.5	113
120	Strain-specific telomere length revealed by single telomere length analysis in Caenorhabditis elegans. Nucleic Acids Research, 2004, 32, 3383-3391.	14.5	27
121	Telomere Length Measurements Using Fluorescence In Situ Hybridization and Flow Cytometry. Methods in Cell Biology, 2004, 75, 719-750.	1.1	32
122	Estimating human hematopoietic stem cell kinetics using granulocyte telomere lengths. Experimental Hematology, 2004, 32, 1040-1050.	0.4	91
123	Effect of TERT and ATM on gene expression profiles in human fibroblasts. Genes Chromosomes and Cancer, 2004, 39, 298-310.	2.8	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.	27.0	1,293
125	Regulation of Murine Telomere Length by Rtel. Cell, 2004, 117, 873-886.	28.9	283
126	Genes Encoding Telomere-Binding Proteins TERF1, TERF2 and TIN2 Are mutated in Patients with Acquired Aplastic Anemia.. Blood, 2004, 104, 170-170.	1.4	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.	1.4	0
128	Functional Characterization of Telomerase RNA Variants Found in Patients with Hematological Disorders.. Blood, 2004, 104, 2832-2832.	1.4	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.	1.4	1
130	Telomere Length in Subpopulations of Human Hematopoietic Cells. Stem Cells, 2003, 21, 654-660.	3.2	53
131	Telomeres, telomerase, and hematopoietic stem cell biology. Archives of Medical Research, 2003, 34, 489-495.	3.3	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.	3.8	28
134	Telomeres in Hematopoietic Stem Cells. Annals of the New York Academy of Sciences, 2003, 996, 44-48.	3.8	21
135	Late presentation of dyskeratosis congenita as apparently acquired aplastic anaemia due to mutations in telomerase RNA. Lancet, The, 2003, 362, 1628-1630.	13.7	239
136	Telomere length and the expression of natural telomeric genes in human fibroblasts. Human Molecular Genetics, 2003, 12, 1329-1336.	2.9	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.	2.9	120
138	The Mammalian SIR2 $\pm$ Protein Has a Role in Embryogenesis and Gametogenesis. Molecular and Cellular Biology, 2003, 23, 38-54.	2.3	579
139	Telomere shortening in leukocyte subpopulations from baboons. Journal of Leukocyte Biology, 2003, 73, 289-296.	3.3	37
140	Telomerase levels control the lifespan of human T lymphocytes. Blood, 2003, 102, 849-857.	1.4	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.	1.4	27
142	Mutations of the human telomerase RNA gene (TERC) in aplastic anemia and myelodysplastic syndrome. Blood, 2003, 102, 916-918.	1.4	274
143	Stem Cells: Hype and Reality. Hematology American Society of Hematology Education Program, 2002, 2002, 369-391.	2.5	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. IEEE Transactions on Biomedical Engineering, 2002, 49, 363-371.	4.2	14
146	Longitudinal studies of telomere length in feline blood cells. Experimental Hematology, 2002, 30, 1147-1152.	0.4	70
147	Telomere maintenance in human B lymphocytes. British Journal of Haematology, 2002, 119, 810-818.	2.5	86
148	Functional characterization of multiple domains involved in the subcellular localization of the hematopoietic Pbx interacting protein (HPIP). Oncogene, 2002, 21, 6766-6771.	5.9	31
149	Disruption of dog-1 in Caenorhabditis elegans triggers deletions upstream of guanine-rich DNA. Nature Genetics, 2002, 31, 405-409.	21.4	242
150	Synergistic role of Ku80 and poly(ADP-ribose) polymerase in suppressing chromosomal aberrations and liver cancer formation. Cancer Research, 2002, 62, 6990-6.	0.9	92
151	Quantitative Fluorescence In Situ Hybridization (Q-FISH). Current Protocols in Cell Biology, 2001, 12, 18.4.1-18.4.21.	2.3	57
152	Telomere length in leukocyte subpopulations of patients with aplastic anemia. Blood, 2001, 97, 895-900.	1.4	196
153	Measurements of telomere length on individual chromosomes by image cytometry. Methods in Cell Biology, 2001, 64, 69-96.	1.1	47
154	Accelerated telomere shortening in hematological lineages is limited to the first year following stem cell transplantation. Blood, 2001, 97, 575-577.	1.4	114
155	Telomerase and T-cell function. Blood, 2001, 97, 585-586.	1.4	0
156	Transfer of the human telomerase reverse transcriptase(TERT) gene into T lymphocytes results in extension of replicative potential. Blood, 2001, 98, 597-603.	1.4	171
157	Modelling Perspectives on Aging: Can Mathematics Help us Stay Young?. Journal of Theoretical Biology, 2001, 213, 509-525.	1.7	26
158	Multicolor fluorescence in situ hybridization with peptide nucleic acid probes for enumeration of specific chromosomes in human cells. Genes Chromosomes and Cancer, 2001, 30, 57-63.	2.8	52
159	Effects of DNA nonhomologous end-joining factors on telomere length and chromosomal stability in mammalian cells. Current Biology, 2001, 11, 1192-1196.	3.9	260
160	DNA Strand Break-Sensing Molecule Poly(ADP-Ribose) Polymerase Cooperates with p53 in Telomere Function, Chromosome Stability, and Tumor Suppression. Molecular and Cellular Biology, 2001, 21, 4046-4054.	2.3	121
161	Extra-chromosomal telomeric DNA in cells from Atm <sup>-/-</sup> mice and patients with ataxia-telangiectasia. Human Molecular Genetics, 2001, 10, 519-528.	2.9	108
162	Limited Telomere Shortening in Hematopoietic Stem Cells after Transplantation. Annals of the New York Academy of Sciences, 2001, 938, 1-8.	3.8	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.	3.8	73
164	Repair of telomeric DNA prior to replicative senescence. <i>Mechanisms of Ageing and Development</i> , 2000, 118, 23-34.	4.6	81
165	Prognostic implications of differences in telomere length between normal and malignant cells from patients with chronic myeloid leukemia measured by flow cytometry. <i>Blood</i> , 2000, 95, 1883-1890.	1.4	182
166	Telomere Length Dynamics in Normal and Malignant Hematopoiesis. <i>Rejuvenation Research</i> , 2000, 3, 397-409.	0.2	3
167	Telomere Maintenance in Telomerase-Deficient Mouse Embryonic Stem Cells: Characterization of an Amplified Telomeric DNA. <i>Molecular and Cellular Biology</i> , 2000, 20, 4115-4127.	2.3	129
168	Accumulation of Short Telomeres in Human Fibroblasts Prior to Replicative Senescence. <i>Experimental Cell Research</i> , 2000, 256, 291-299.	2.6	222
169	Oligoclonal expansions in the CD8+CD28 <sup>+</sup> T cells largely explain the shorter telomeres detected in this subset. <i>Human Immunology</i> , 2000, 61, 951-958.	2.4	57
170	Extension of Cell Life-Span and Telomere Length in Animals Cloned from Senescent Somatic Cells. <i>Science</i> , 2000, 288, 665-669.	12.6	460
171	Telomerase-Associated Protein TEP1 Is Not Essential for Telomerase Activity or Telomere Length Maintenance In Vivo. <i>Molecular and Cellular Biology</i> , 2000, 20, 8178-8184.	2.3	4
172	Telomere Fluorescence Measurements in Granulocytes and T Lymphocyte Subsets Point to a High Turnover of Hematopoietic Stem Cells and Memory T Cells in Early Childhood. <i>Journal of Experimental Medicine</i> , 1999, 190, 157-168.	8.5	611
173	Telomere Length Dynamics and Chromosomal Instability in Cells Derived from Telomerase Null Mice. <i>Journal of Cell Biology</i> , 1999, 144, 589-601.	5.2	305
174	Asymmetric Cell Divisions in Hematopoietic Stem Cells. <i>Annals of the New York Academy of Sciences</i> , 1999, 872, 265-273.	3.8	13
175	Absence or low number of telomere repeats at junctions of dicentric chromosomes. <i>Genes Chromosomes and Cancer</i> , 1999, 24, 83-86.	2.8	39
176	Telomere length measurements using digital fluorescence microscopy. <i>Cytometry</i> , 1999, 36, 267-278.	1.8	204
177	Accelerated Telomere Shortening in the Human Inactive X Chromosome. <i>American Journal of Human Genetics</i> , 1999, 65, 1617-1622.	6.2	80
178	Telomere length dynamics in human lymphocyte subpopulations measured by flow cytometry. <i>Nature Biotechnology</i> , 1998, 16, 743-747.	17.5	523
179	Biology of Human Umbilical Cord Blood-Derived Hematopoietic Stem/Progenitor Cells. <i>Stem Cells</i> , 1998, 16, 153-165.	3.2	226
180	Short telomeres on human chromosome 17p. <i>Nature Genetics</i> , 1998, 18, 76-80.	21.4	300

#	ARTICLE	IF	CITATIONS
181	Asymmetric Cell Divisions Sustain Long-Term Hematopoiesis from Single-sorted Human Fetal Liver Cells. <i>Journal of Experimental Medicine</i> , 1998, 188, 1117-1124.	8.5	126
182	Telomerase Activity in Candidate Stem Cells From Fetal Liver and Adult Bone Marrow. <i>Blood</i> , 1998, 91, 3255-3262.	1.4	194
183	Short telomeres on human chromosome 17p. <i>Nature Genetics</i> , 1998, 18, 76-80.	21.4	218
184	Lessons from Mice without Telomerase. <i>Journal of Cell Biology</i> , 1997, 139, 309-312.	5.2	36
185	Telomere Shortening and Tumor Formation by Mouse Cells Lacking Telomerase RNA. <i>Cell</i> , 1997, 91, 25-34.	28.9	1,988
186	Intrinsic control of stem cell fate. <i>Stem Cells</i> , 1997, 15, 223-227.	3.2	20
187	Quantitation and characterization of human megakaryocyte colony-forming cells using a standardized serum-free agarose assay. <i>British Journal of Haematology</i> , 1997, 96, 790-800.	2.5	51
188	Telomeres in the Haemopoietic System. <i>Novartis Foundation Symposium</i> , 1997, 211, 209-226.	1.1	14
189	Culture of Purified Stem Cells from Fetal Liver Results in Loss of In Vivo Repopulating Potential. <i>Stem Cells and Development</i> , 1996, 5, 25-37.	1.0	19
190	Differential Expression of Telomerase Activity in Hematopoietic Progenitors from Adult Human Bone Marrow. <i>Stem Cells</i> , 1996, 14, 239-248.	3.2	364
191	3 Cytokines acting early in human haematopoiesis. <i>Best Practice and Research: Clinical Haematology</i> , 1994, 7, 49-63.	1.1	10
192	CD45 isoform expression on human haemopoietic cells at different stages of development. <i>British Journal of Haematology</i> , 1994, 88, 24-30.	2.5	65
193	Lineage commitment in human hemopoiesis involves asymmetric cell division of multipotent progenitors and does not appear to be influenced by cytokines. <i>Journal of Cellular Physiology</i> , 1993, 157, 579-586.	4.1	91
194	Time Lapse Video Recordings of Highly Purified Human Hematopoietic Progenitor Cells in Culture. <i>Stem Cells</i> , 1993, 11, 243-248.	3.2	13
195	Allografting in chronic myeloid leukemia with cultured marrow: Update of the vancouver study. <i>Stem Cells</i> , 1993, 11, 64-66.	3.2	5
196	Use of Lectins for Characterization and Purification of Human Bone Marrow Cells That Express CD34. <i>Stem Cells and Development</i> , 1992, 1, 55-64.	1.0	1
197	High gradient magnetic separation of cells on the basis of expression levels of cell surface antigens. <i>Journal of Immunological Methods</i> , 1992, 154, 245-252.	1.4	42
198	Single laser three color immunofluorescence staining procedures based on energy transfer between phycoerythrin and cyanine 5. <i>Cytometry</i> , 1991, 12, 723-730.	1.8	48

#	ARTICLE	IF	CITATIONS
199	Purification and analysis of bispecific tetrameric antibody complexes. <i>Molecular Immunology</i> , 1990, 27, 659-666.	2.2	24
200	Specific binding and release of cells from beads using cleavable tetrameric antibody complexes. <i>Journal of Immunological Methods</i> , 1989, 120, 221-231.	1.4	22
201	Immunoabsorption of T cells onto glass beads using tetramolecular complexes of monoclonal antibodies. <i>Journal of Immunological Methods</i> , 1988, 112, 219-226.	1.4	6
202	Production of hybridoma growth factor by human monocytes. <i>European Journal of Immunology</i> , 1987, 17, 1411-1416.	2.9	1,150
203	Cyclic tetramolecular complexes of monoclonal antibodies: A new type of cross-linking reagent. <i>European Journal of Immunology</i> , 1986, 16, 679-683.	2.9	42
204	Mixed megakaryocytic-granulocytic differentiation during diffusion chamber culture of peripheral blast cells from the blast crisis of chronic myelocytic leukemia. <i>Leukemia Research</i> , 1985, 9, 1031-1041.	0.8	3
205	Colony-forming cells in chronic granulocytic leukemia - I. Proliferative responses to growth factors. <i>Leukemia Research</i> , 1985, 9, 1337-1344.	0.8	7
206	Myeloid-associated antigen 3- $\beta$ -fucosyl-N-acetylglucosamine (FAL): location on various granulocyte membrane glycoproteins and masking upon monocytic differentiation. <i>European Journal of Immunology</i> , 1984, 14, 1089-1095.	2.9	53
207	Mitogenic responses of canine peripheral blood lymphocytes to staphylococcal protein A. <i>Journal of Immunological Methods</i> , 1980, 32, 157-166.	1.4	10
208	Secondary Responses of Alloantigen-Primed Dog Lymphocytes. <i>Tissue Antigens</i> , 1980, 15, 40-46.	1.0	0
209	Molecular Biology of Stem Cell Renewal. , 0, , 64-71.		0
210	Telomere Length Regulation. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	11