

Woodring E Wright

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

14,615
citations

49
h-index

95
g-index

95
ext. papers

16,346
ext. citations

13.7
avg, IF

6.41
L-index

#	Paper	IF	Citations
93	Extension of life-span by introduction of telomerase into normal human cells. <i>Science</i> , 1998 , 279, 349-52	33.3	3979
92	Telomerase activity in human germline and embryonic tissues and cells. <i>Genesis</i> , 1996 , 18, 173-9		946
91	Reconstitution of human telomerase with the template RNA component hTR and the catalytic protein subunit hTERT. <i>Nature Genetics</i> , 1997 , 17, 498-502	36.3	797
90	Absence of cancer-associated changes in human fibroblasts immortalized with telomerase. <i>Nature Genetics</i> , 1999 , 21, 115-8	36.3	673
89	Immortalization of human bronchial epithelial cells in the absence of viral oncoproteins. <i>Cancer Research</i> , 2004 , 64, 9027-34	10.1	498
88	Modifications of a telomeric repeat amplification protocol (TRAP) result in increased reliability, linearity and sensitivity. <i>Nucleic Acids Research</i> , 1995 , 23, 3794-5	20.1	435
87	Hayflick, his limit, and cellular ageing. <i>Nature Reviews Molecular Cell Biology</i> , 2000 , 1, 72-6	48.7	413
86	Telomere position effect in human cells. <i>Science</i> , 2001 , 292, 2075-7	33.3	360
85	Role of telomeres and telomerase in cancer. <i>Seminars in Cancer Biology</i> , 2011 , 21, 349-53	12.7	344
84	Telomere dynamics in cancer progression and prevention: fundamental differences in human and mouse telomere biology. <i>Nature Medicine</i> , 2000 , 6, 849-51	50.5	331
83	The two-stage mechanism controlling cellular senescence and immortalization. <i>Experimental Gerontology</i> , 1992 , 27, 383-9	4.5	315
82	Inhibition of human telomerase activity by peptide nucleic acids. <i>Nature Biotechnology</i> , 1996 , 14, 615-9	44.5	314
81	Historical claims and current interpretations of replicative aging. <i>Nature Biotechnology</i> , 2002 , 20, 682-8	44.5	304
80	Comparative biology of mammalian telomeres: hypotheses on ancestral states and the roles of telomeres in longevity determination. <i>Aging Cell</i> , 2011 , 10, 761-8	9.9	264
79	Telomeres and telomerase: three decades of progress. <i>Nature Reviews Genetics</i> , 2019 , 20, 299-309	30.1	260
78	POT1 protects telomeres from a transient DNA damage response and determines how human chromosomes end. <i>EMBO Journal</i> , 2005 , 24, 2667-78	13	235
77	Does a sentinel or a subset of short telomeres determine replicative senescence?. <i>Molecular Biology of the Cell</i> , 2004 , 15, 3709-18	3.5	231

76	Lipid modification of GRN163, an N3Q>P5Qthio-phosphoramidate oligonucleotide, enhances the potency of telomerase inhibition. <i>Oncogene</i> , 2005 , 24, 5262-8	9.2	184
75	Telomere position effect: regulation of gene expression with progressive telomere shortening over long distances. <i>Genes and Development</i> , 2014 , 28, 2464-76	12.6	178
74	Telomere-end processing the terminal nucleotides of human chromosomes. <i>Molecular Cell</i> , 2005 , 18, 131-8	17.6	172
73	Telomere extension occurs at most chromosome ends and is uncoupled from fill-in in human cancer cells. <i>Cell</i> , 2009 , 138, 463-75	56.2	171
72	Immortalized pathological human myoblasts: towards a universal tool for the study of neuromuscular disorders. <i>Skeletal Muscle</i> , 2011 , 1, 34	5.1	160
71	An alternate splicing variant of the human telomerase catalytic subunit inhibits telomerase activity. <i>Neoplasia</i> , 2000 , 2, 433-40	6.4	153
70	Human diseases of telomerase dysfunction: insights into tissue aging. <i>Nucleic Acids Research</i> , 2007 , 35, 7406-16	20.1	129
69	Defining the molecular mechanisms of human cell immortalization. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 1991 , 1072, 1-7	11.2	129
68	Cell biology of disease: Telomeropathies: an emerging spectrum disorder. <i>Journal of Cell Biology</i> , 2014 , 205, 289-99	7.3	118
67	Alternative Lengthening of Telomeres Mediated by Mitotic DNA Synthesis Engages Break-Induced Replication Processes. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	104
66	SIRT6 is required for maintenance of telomere position effect in human cells. <i>Nature Communications</i> , 2011 , 2, 433	17.4	101
65	Regulation of the Human Telomerase Gene TERT by Telomere Position Effect-Over Long Distances (TPE-OLD): Implications for Aging and Cancer. <i>PLoS Biology</i> , 2016 , 14, e2000016	9.7	96
64	Comparison of the telomeric repeat amplification protocol (TRAP) to the new TRAP-eze telomerase detection kit. <i>Cytotechnology</i> , 1996 , 18, 237-248		94
63	Comparison of telomere length measurement methods. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018 , 373,	5.8	93
62	Identification of determinants for inhibitor binding within the RNA active site of human telomerase using PNA scanning. <i>Biochemistry</i> , 1997 , 36, 11873-80	3.2	92
61	Large-scale population analysis challenges the current criteria for the molecular diagnosis of fascioscapulohumeral muscular dystrophy. <i>American Journal of Human Genetics</i> , 2012 , 90, 628-35	11	86
60	Quantitative telomerase enzyme activity determination using droplet digital PCR with single cell resolution. <i>Nucleic Acids Research</i> , 2014 , 42, e104	20.1	81
59	Characterization of ataxia telangiectasia fibroblasts with extended life-span through telomerase expression. <i>Oncogene</i> , 2001 , 20, 278-88	9.2	81

58	Clustered telomeres in phase-separated nuclear condensates engage mitotic DNA synthesis through BLM and RAD52. <i>Genes and Development</i> , 2019 , 33, 814-827	12.6	74
57	Telomere position effect regulates DUX4 in human facioscapulohumeral muscular dystrophy. <i>Nature Structural and Molecular Biology</i> , 2013 , 20, 671-8	17.6	74
56	Induction of telomere dysfunction mediated by the telomerase substrate precursor 6-thio-2'-deoxyguanosine. <i>Cancer Discovery</i> , 2015 , 5, 82-95	24.4	72
55	Comparison of DNA Quantification Methods for Next Generation Sequencing. <i>Scientific Reports</i> , 2016 , 6, 24067	4.9	71
54	Telomere length regulates ISG15 expression in human cells. <i>Aging</i> , 2009 , 1, 608-21	5.6	71
53	Alternative splicing regulation of telomerase: a new paradigm?. <i>Trends in Genetics</i> , 2014 , 30, 430-8	8.5	69
52	Heterogeneous nuclear ribonucleoproteins C1 and C2 associate with the RNA component of human telomerase. <i>Molecular and Cellular Biology</i> , 2000 , 20, 9084-91	4.8	67
51	Telomere biology in aging and cancer. <i>Journal of the American Geriatrics Society</i> , 2005 , 53, S292-4	5.6	66
50	A method for measuring the distribution of the shortest telomeres in cells and tissues. <i>Nature Communications</i> , 2017 , 8, 1356	17.4	63
49	Aging. When do telomeres matter?. <i>Science</i> , 2001 , 291, 839-40	33.3	61
48	SORBS2 transcription is activated by telomere position effect-over long distance upon telomere shortening in muscle cells from patients with facioscapulohumeral dystrophy. <i>Genome Research</i> , 2015 , 25, 1781-90	9.7	55
47	Modification of subtelomeric DNA. <i>Molecular and Cellular Biology</i> , 2004 , 24, 4571-80	4.8	53
46	Disruption of Wnt/ β Catenin Signaling and Telomeric Shortening Are Inextricable Consequences of Tankyrase Inhibition in Human Cells. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2425-35	4.8	50
45	Mechanism-based combination telomerase inhibition therapy. <i>Cancer Cell</i> , 2005 , 7, 1-2	24.3	50
44	The CDC13-STN1-TEN1 complex stimulates Pol α activity by promoting RNA priming and primase-to-polymerase switch. <i>Nature Communications</i> , 2014 , 5, 5762	17.4	48
43	Regulation of telomerase alternative splicing: a target for chemotherapy. <i>Cell Reports</i> , 2013 , 3, 1028-35	10.6	47
42	Inexpensive low-oxygen incubators. <i>Nature Protocols</i> , 2006 , 1, 2088-90	18.8	40
41	Analysis of telomeres and telomerase. <i>Current Protocols in Cell Biology</i> , 2003 , Chapter 18, Unit 18.6	2.3	38

40	Telomere length and telomerase activity in T cells are biomarkers of high-performing centenarians. <i>Aging Cell</i> , 2019 , 18, e12859	9.9	37
39	Selective targeting of mutant adenomatous polyposis coli (APC) in colorectal cancer. <i>Science Translational Medicine</i> , 2016 , 8, 361ra140	17.5	36
38	NOVA1 regulates hTERT splicing and cell growth in non-small cell lung cancer. <i>Nature Communications</i> , 2018 , 9, 3112	17.4	34
37	The Metastatic Potential and Chemoresistance of Human Pancreatic Cancer Stem Cells. <i>PLoS ONE</i> , 2016 , 11, e0148807	3.7	33
36	Alternative lengthening of telomeres can be maintained by preferential elongation of lagging strands. <i>Nucleic Acids Research</i> , 2017 , 45, 2615-2628	20.1	32
35	Telomerase activity in human germline and embryonic tissues and cells 1996 , 18, 173		30
34	Impaired telomere maintenance in Alzami syndrome patients with LARP7 deficiency. <i>BMC Genomics</i> , 2016 , 17, 749	4.5	25
33	Branching morphogenesis of immortalized human bronchial epithelial cells in three-dimensional culture. <i>Differentiation</i> , 2014 , 87, 119-26	3.5	24
32	Functional parsing of driver mutations in the colorectal cancer genome reveals numerous suppressors of anchorage-independent growth. <i>Cancer Research</i> , 2011 , 71, 4359-65	10.1	24
31	Mutant dyskerin ends relationship with telomerase. <i>Science</i> , 1999 , 286, 2284-5	33.3	24
30	NOVA1 directs PTBP1 to hTERT pre-mRNA and promotes telomerase activity in cancer cells. <i>Oncogene</i> , 2019 , 38, 2937-2952	9.2	24
29	Telomerase-Mediated Strategy for Overcoming Non-Small Cell Lung Cancer Targeted Therapy and Chemotherapy Resistance. <i>Neoplasia</i> , 2018 , 20, 826-837	6.4	22
28	Regulation of human telomerase splicing by RNA:RNA pairing. <i>Nature Communications</i> , 2014 , 5, 3306	17.4	22
27	Monoclonal antimyogenin antibodies define epitopes outside the bHLH domain where binding interferes with protein-protein and protein-DNA interactions. <i>Genesis</i> , 1996 , 19, 131-8		22
26	Identification of novel driver tumor suppressors through functional interrogation of putative passenger mutations in colorectal cancer. <i>International Journal of Cancer</i> , 2013 , 132, 732-7	7.5	18
25	The Maintenance of Telomere Length in CD28+ T Cells During T Lymphocyte Stimulation. <i>Scientific Reports</i> , 2017 , 7, 6785	4.9	18
24	Decreasing initial telomere length in humans intergenerationally understates age-associated telomere shortening. <i>Aging Cell</i> , 2015 , 14, 669-77	9.9	18
23	Reconstituting Mouse Lungs with Conditionally Reprogrammed Human Bronchial Epithelial Cells. <i>Tissue Engineering - Part A</i> , 2018 , 24, 559-568	3.9	15

22	Neuromuscular electrical stimulation promotes development in mice of mature human muscle from immortalized human myoblasts. <i>Skeletal Muscle</i> , 2016 , 6, 4	5.1	15
21	Single-strand DNA-binding protein SSB1 facilitates TERT recruitment to telomeres and maintains telomere G-overhangs. <i>Cancer Research</i> , 2015 , 75, 858-69	10.1	14
20	Perifosine as a potential novel anti-telomerase therapy. <i>Oncotarget</i> , 2015 , 6, 21816-26	3.3	14
19	Analysis of Keloid Response to 5-Fluorouracil Treatment and Long-Term Prevention of Keloid Recurrence. <i>Plastic and Reconstructive Surgery</i> , 2019 , 143, 490-494	2.7	12
18	Generation of digoxigenin-incorporated probes to enhance DNA detection sensitivity. <i>BioTechniques</i> , 2016 , 60, 306-9	2.5	12
17	Ageing and Cancer: The Telomere and Telomerase Connection. <i>Novartis Foundation Symposium</i> , 2008 , 116-129		12
16	CDDO-Me protects normal lung and breast epithelial cells but not cancer cells from radiation. <i>PLoS ONE</i> , 2014 , 9, e115600	3.7	11
15	ddTRAP: A Method for Sensitive and Precise Quantification of Telomerase Activity. <i>Methods in Molecular Biology</i> , 2018 , 1768, 513-529	1.4	10
14	Telomerase assays in the diagnosis and prognosis of cancer. <i>Novartis Foundation Symposium</i> , 1997 , 211, 148-55; discussion 155-9		8
13	RNAi screening of the human colorectal cancer genome identifies multifunctional tumor suppressors regulating epithelial cell invasion. <i>Cell Research</i> , 2012 , 22, 1605-8	24.7	7
12	Truncated Adenomatous Polyposis Coli Mutation Induces Asef-Activated Golgi Fragmentation. <i>Molecular and Cellular Biology</i> , 2018 , 38,	4.8	6
11	Telomerase activity in human germline and embryonic tissues and cells 1996 , 18, 173		6
10	2D gel electrophoresis reveals dynamics of t-loop formation during the cell cycle and t-loop in maintenance regulated by heterochromatin state. <i>Journal of Biological Chemistry</i> , 2019 , 294, 6645-6656	5.4	3
9	Catalysis-dependent inactivation of human telomerase and its reactivation by intracellular telomerase-activating factors (iTAFs). <i>Journal of Biological Chemistry</i> , 2019 , 294, 11579-11596	5.4	2
8	Cellular Senescence, Telomerase, and Cancer in Human Cells 2012 , 243-263		2
7	Facioscapulohumeral muscular dystrophy: Are telomeres the end of the story?. <i>Rare Diseases (Austin, Tex)</i> , 2013 , 1, e26142		1
6	Mechanisms of escaping cellular senescence. <i>Radiation Oncology Investigations</i> , 1995 , 3, 284-289		1
5	Telomere G-Rich Overhang Length Measurement: DSN Method. <i>Methods in Molecular Biology</i> , 2017 , 1587, 55-62	1.4	

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- 3 Telomerase: target for cancer treatment442-451
- 2 FOXP1 Interacts with MyoD to Repress its Transcription and Myoblast Conversion. *Journal of Cellular Signaling*, **2021**, 2, 9-26 1
- 1 Immortalized keratinocytes that overexpress H-ras produce an invasive, randomized epithelium in organotypic culture. *FASEB Journal*, **2008**, 22, 978.3 0.9