Jerry W Shay

List of Publications by Year
in descending order

299 papers	39,161 citations	2675 95 h-index	2953 189 g-index
348 all docs	348 docs citations	348 times ranked	31638 citing authors

#	Article	IF	Citations
1	Extension of Life-Span by Introduction of Telomerase into Normal Human Cells. Science, 1998, 279, 349-352.	12.6	4,536
2	BRAFE600-associated senescence-like cell cycle arrest of human naevi. Nature, 2005, 436, 720-724.	27.8	1,933
3	Telomerase activity in human germline and embryonic tissues and cells. Genesis, 1996, 18, 173-179.	2.1	1,172
4	Reconstitution of human telomerase with the template RNA component hTR and the catalytic protein subunit hTRT. Nature Genetics, 1997, 17, 498-502.	21.4	881
5	Adult-onset pulmonary fibrosis caused by mutations in telomerase. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7552-7557.	7.1	756
6	Absence of cancerâ€“associated changes in human fibroblasts immortalized with telomerase. Nature Genetics, 1999, 21, 115-118.	21.4	753
7	Human Telomerase and Its Regulation. Microbiology and Molecular Biology Reviews, 2002, 66, 407-425.	6.6	713
8	Senescence and immortalization: role of telomeres and telomerase. Carcinogenesis, 2005, 26, 867-874.	2.8	615
9	Correlating telomerase activity levels with human neuroblastoma outcomes. Nature Medicine, 1995, 1, 249-255.	30.7	584
10	Immortalization of Human Bronchial Epithelial Cells in the Absence of Viral Oncoproteins. Cancer Research, 2004, 64, 9027-9034.	0.9	573
11	Hayflick, his limit, and cellular ageing. Nature Reviews Molecular Cell Biology, 2000, 1, 72-76.	37.0	566
12	Telomeres and telomerase: three decades of progress. Nature Reviews Genetics, 2019, 20, 299-309.	16.3	534
13	Modifications of a telomeric repeat amplification protocol (TRAP) result in increased reliability, linearity and sensitivity. Nucleic Acids Research, 1995, 23, 3794-3795.	14.5	474
14	Roles of telomeres and telomerase in cancer, and advances in telomerase-targeted therapies. Genome Medicine, 2016, 8, 69.	8.2	470
15	Role of Telomeres and Telomerase in Aging and Cancer. Cancer Discovery, 2016, 6, 584-593.	9.4	463
16	Hallmarks of senescence in carcinogenesis and cancer therapy. Oncogene, 2004, 23, 2919-2933.	5.9	451
17	Telomerase Activity in Small-Cell and Non-Small-Cell Lung Cancers. Journal of the National Cancer Institute, 1995, 87, 895-902.	6.3	437
18	Telomere Dysfunction: A Potential Cancer Predisposition Factor. Journal of the National Cancer Institute, 2003, 95, 1211-1218.	6.3	436

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19	Telomere Position Effect in Human Cells. Science, 2001, 292, 2075-2077.	12.6	424
20	Role of telomeres and telomerase in cancer. Seminars in Cancer Biology, 2011, 21, 349-353.	9.6	407
21	Putative telomere-independent mechanisms of replicative aging reflect inadequate growth conditions. Genes and Development, 2001, 15, 398-403.	5.9	393
22	Exome sequencing links mutations in PARN and RTEL1 with familial pulmonary fibrosis and telomere shortening. Nature Genetics, 2015, 47, 512-517.	21.4	385
23	Telomerase therapeutics for cancer: challenges and new directions. Nature Reviews Drug Discovery, 2006, 5, 577-584.	46.4	375
24	Telomere dynamics in cancer progression and prevention: fundamental differences in human and mouse telomere biology. Nature Medicine, 2000, 6, 849-851.	30.7	372
25	The two-stage mechanism controlling cellular senescence and immortalization. Experimental Gerontology, 1992, 27, 383-389.	2.8	358
26	Aldehyde Dehydrogenase Activity Selects for Lung Adenocarcinoma Stem Cells Dependent on Notch Signaling. Cancer Research, 2010, 70, 9937-9948.	0.9	357
27	Comparative biology of mammalian telomeres: hypotheses on ancestral states and the roles of telomeres in longevity determination. Aging Cell, 2011, 10, 761-768.	6.7	348
28	Historical claims and current interpretations of replicative aging. Nature Biotechnology, 2002, 20, 682-688.	17.5	345
29	Inhibition of human telomerase activity by peptide nucleic acids. Nature Biotechnology, 1996, 14, 615-619.	17.5	342
30	Telomerase activity in human cancer. Current Opinion in Oncology, 1996, 8, 66-71.	2.4	335
31	Telomerase: A target for cancer therapeutics. Cancer Cell, 2002, 2, 257-265.	16.8	321
32	Telomerase and differentiation in multicellular organisms: Turn it off, turn it on, and turn it off again. Differentiation, 2002, 69, 188-197.	1.9	318
33	Detection of telomerase activity in human cells and tumors by a telomeric repeat amplification protocol (TRAP). Cytotechnology, 1995, 17, 1-15.	0.7	317
34	Cellular senescence as a tumor-protection mechanism: the essential role of counting. Current Opinion in Genetics and Development, 2001, 11, 98-103.	3.3	271
35	Characterization of paired tumor and non-tumor cell lines established from patients with breast cancer. International Journal of Cancer, 1998, 78, 766-774.	5.1	270
36	POT1 protects telomeres from a transient DNA damage response and determines how human chromosomes end. EMBO Journal, 2005, 24, 2667-2678.	7.8	269

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37	Does a Sentinel or a Subset of Short Telomeres Determine Replicative Senescence?. Molecular Biology of the Cell, 2004, 15, 3709-3718.	2.1	268
38	Quantitation of the frequency of immortalization of normal human diploid fibroblasts by SV40 large T-antigen. Experimental Cell Research, 1989, 184, 109-118.	2.6	257
39	Multiple Roles of APC and its Therapeutic Implications in Colorectal Cancer. Journal of the National Cancer Institute, 2017, 109, .	6.3	254
40	In vivo Inhibition of Lung Cancer by GRN163L: A Novel Human Telomerase Inhibitor. Cancer Research, 2005, 65, 7866-7873.	0.9	252
41	Multiple Oncogenic Changes (K-RASV12, p53 Knockdown,Mutant EGFRs, p16Bypass,) Tj ETQq1 1 0.784314 rgBT /Over Cells. Cancer Research, 2006, 66, 2116-2128.	0.9	247
42	Cellular senescence in human myoblasts is overcome by human telomerase reverse transcriptase and cyclin-dependent kinase 4: consequences in aging muscle and therapeutic strategies for muscular dystrophies. Aging Cell, 2007, 6, 515-523.	6.7	239
43	Telomere position effect: regulation of gene expression with progressive telomere shortening over long distances. Genes and Development, 2014, 28, 2464-2476.	5.9	238
44	Nonradioactive detection of telomerase activity using the telomeric repeat amplification protocol. Nature Protocols, 2006, 1, 1583-1590.	12.0	232
45	Telomere Shortening Is Proportional to the Size of the G-rich Telomeric 3â€²-Overhang. Journal of Biological Chemistry, 2000, 275, 19719-19722.	3.4	228
46	Subsenescent Telomere Lengths in Fibroblasts Immortalized by Limiting Amounts of Telomerase. Journal of Biological Chemistry, 2000, 275, 10072-10076.	3.4	226
47	Lipid modification of GRN163, an N3â€² â†' P5â€² thio-phosphoramidate oligonucleotide, enhances the potency of telomerase inhibition. Oncogene, 2005, 24, 5262-5268.	5.9	222
48	hTERT associates with human telomeres and enhances genomic stability and DNA repair. Oncogene, 2003, 22, 131-146.	5.9	221
49	Telomere Extension Occurs at Most Chromosome Ends and Is Uncoupled from Fill-In in Human Cancer Cells. Cell, 2009, 138, 463-475.	28.9	214
50	Role of telomerase in cellular proliferation and cancer. , 1999, 180, 10-18.		204
51	Actions of human telomerase beyond telomeres. Cell Research, 2008, 18, 725-732.	12.0	199
52	Defining the molecular mechanisms of human cell immortalization. Biochimica Et Biophysica Acta: Reviews on Cancer, 1991, 1072, 1-7.	7.4	198
53	Telomeres and telomerase in normal and cancer stem cells. FEBS Letters, 2010, 584, 3819-3825.	2.8	197
54	The Telomerase Antagonist, Imetelstat, Efficiently Targets Glioblastoma Tumor-Initiating Cells Leading to Decreased Proliferation and Tumor Growth. Clinical Cancer Research, 2010, 16, 154-163.	7.0	197

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55	Telomere-End Processing. Molecular Cell, 2005, 18, 131-138.	9.7	194
56	Human Lung Epithelial Cells Progressed to Malignancy through Specific Oncogenic Manipulations. Molecular Cancer Research, 2013, 11, 638-650.	3.4	192
57	Telomeric Recombination in Mismatch Repair Deficient Human Colon Cancer Cells after Telomerase Inhibition. Cancer Research, 2004, 64, 3444-3451.	0.9	185
58	Telomerase inhibitors. Trends in Biotechnology, 2001, 19, 114-120.	9.3	181
59	An Alternate Splicing Variant of the Human Telomerase Catalytic Subunit Inhibits Telomerase Activity. Neoplasia, 2000, 2, 433-440.	5.3	178
60	Comparison of telomere length measurement methods. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20160451.	4.0	173
61	Telomere biology in Metazoa. FEBS Letters, 2010, 584, 3741-3751.	2.8	156
62	Alternative Lengthening of Telomeres Mediated by Mitotic DNA Synthesis Engages Break-Induced Replication Processes. Molecular and Cellular Biology, 2017, 37, .	2.3	156
63	Telomerase Activity Concentrates in the Mitotically Active Segments of Human Hair Follicles. Journal of Investigative Dermatology, 1997, 108, 113-117.	0.7	155
64	Evidence for self-renewing lung cancer stem cells and their implications in tumor initiation, progression, and targeted therapy. Cancer and Metastasis Reviews, 2010, 29, 61-72.	5.9	154
65	Developmental differences in the immortalization of lung fibroblasts by telomerase. Aging Cell, 2003, 2, 235-243.	6.7	153
66	Immortalized Epithelial Cells Derived From Human Colon Biopsies Express Stem Cell Markers and Differentiate In Vitro. Gastroenterology, 2010, 138, 1012-1021.e5.	1.3	148
67	Telomeropathies: An emerging spectrum disorder. Journal of Cell Biology, 2014, 205, 289-299.	5.2	148
68	Mitochondrial transformation of mammalian cells. Nature, 1982, 295, 605-607.	27.8	146
69	Immunohistochemical Detection of Telomerase (hTERT) Protein in Human Cancer Tissues and a Subset of Cells in Normal Tissues. Neoplasia, 2001, 3, 17-26.	5.3	142
70	Human diseases of telomerase dysfunction: insights into tissue aging. Nucleic Acids Research, 2007, 35, 7406-7416.	14.5	142
71	Telomerase regulation: not just flipping the switch. Current Opinion in Genetics and Development, 2002, 12, 80-85.	3.3	141
72	Regulation of the Human Telomerase Gene TERT by Telomere Position Effectâ€"Over Long Distances (TPE-OLD): Implications for Aging and Cancer. PLoS Biology, 2016, 14, e2000016.	5.6	140

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73	Telomerase in cancer and aging. Critical Reviews in Oncology/Hematology, 2002, 41, 29-40.	4.4	138
74	Targeting of Nrf2 induces DNA damage signaling and protects colonic epithelial cells from ionizing radiation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2949-55.	7.1	133
75	Reflections on telomere dynamics and ageing-related diseases in humans. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20160436.	4.0	131
76	Clustered telomeres in phase-separated nuclear condensates engage mitotic DNA synthesis through BLM and RAD52. Genes and Development, 2019, 33, 814-827.	5.9	130
77	Telomerase activity in ordinary meningiomas predicts poor outcome. Human Pathology, 1997, 28, 416-420.	2.0	128
78	Telomere-associated aging disorders. Ageing Research Reviews, 2017, 33, 52-66.	10.9	128
79	Cancer and Telomeresâ€"An ALTernative to Telomerase. Science, 2012, 336, 1388-1390.	12.6	127
80	MYC promotes tryptophan uptake and metabolism by the kynurenine pathway in colon cancer. Genes and Development, 2019, 33, 1236-1251.	5.9	127
81	Restoration of the Cellular Senescence Program and Repression of Telomerase by Human Chromosome 3. Japanese Journal of Cancer Research, 1995, 86, 899-904.	1.7	123
82	A method for measuring the distribution of the shortest telomeres in cells and tissues. Nature Communications, 2017, 8, 1356.	12.8	123
83	Telomeres and aging. Current Opinion in Cell Biology, 2018, 52, 1-7.	5.4	122
84	Transient Expression of Human Telomerase Extends the Life Span of Normal Human Fibroblasts. Biochemical and Biophysical Research Communications, 2000, 273, 1095-1098.	2.1	121
85	The Telomerase Inhibitor Imetelstat Depletes Cancer Stem Cells in Breast and Pancreatic Cancer Cell Lines. Cancer Research, 2010, 70, 9494-9504.	0.9	121
86	The reactivation of telomerase activity in cancer progression. Trends in Genetics, 1996, 12, 129-131.	6.7	120
87	Time, telomeres and tumours: is cellular senescence more than an anticancer mechanism?. Trends in Cell Biology, 1995, 5, 293-297.	7.9	119
88	Telomerase in human development and cancer. Journal of Cellular Physiology, 1997, 173, 266-270.	4.1	119
89	Comparison of the telomeric repeat amplification protocol (TRAP) to the new TRAP-eze telomerase detection kit. Cytotechnology, 1996, 18, 237-248.	0.7	116
90	Oligonucleotide N3â€²â†’P5â€² phosphoramidates as efficient telomerase inhibitors. Oncogene, 2002, 21, 638-642.	5.9	115

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91	Mechanism-based combination telomerase inhibition therapy. Cancer Cell, 2005, 7, 1-2.	16.8	113
92	Induction of Telomere Dysfunction Mediated by the Telomerase Substrate Precursor 6-Thio-2â€²-Deoxyguanosine. Cancer Discovery, 2015, 5, 82-95.	9.4	113
93	Galactic cosmic ray simulation at the NASA Space Radiation Laboratory. Life Sciences in Space Research, 2016, 8, 38-51.	2.3	112
94	Human Ku70/80 Associates Physically with Telomerase through Interaction with hTERT. Journal of Biological Chemistry, 2002, 277, 47242-47247.	3.4	110
95	Effects of a novel telomerase inhibitor, GRN163L, in human breast cancer. Breast Cancer Research and Treatment, 2006, 96, 73-81.	2.5	108
96	MLH1 Deficiency-Triggered DNA Hyperexcision by Exonuclease 1 Activates the cGAS-STING Pathway. Cancer Cell, 2021, 39, 109-121.e5.	16.8	108
97	Telomeres and Telomerase: Implications for Cancer and Aging. Radiation Research, 2001, 155, 188-193.	1.5	106
98	Comparison of DNA Quantification Methods for Next Generation Sequencing. Scientific Reports, 2016, 6, 24067.	3.3	104
99	Quantitative telomerase enzyme activity determination using droplet digital PCR with single cell resolution. Nucleic Acids Research, 2014, 42, e104-e104.	14.5	102
100	Lamin A/C Depletion Enhances DNA Damage-Induced Stalled Replication Fork Arrest. Molecular and Cellular Biology, 2013, 33, 1210-1222.	2.3	101
101	Mutations, Cancer and the Telomere Length Paradox. Trends in Cancer, 2017, 3, 253-258.	7.4	101
102	Identification of Determinants for Inhibitor Binding within the RNA Active Site of Human Telomerase Using PNA Scanningâ€. Biochemistry, 1997, 36, 11873-11880.	2.5	97
103	Quantitative telomeric overhang determination using a double-strand specific nuclease. Nucleic Acids Research, 2007, 36, e14-e14.	14.5	95
104	Telomere position effect regulates DUX4 in human facioscapulohumeral muscular dystrophy. Nature Structural and Molecular Biology, 2013, 20, 671-678.	8.2	95
105	Aging and cancer: are telomeres and telomerase the connection?. Trends in Molecular Medicine, 1995, 1, 378-384.	2.6	94
106	Characterization of ataxia telangiectasia fibroblasts with extended life-span through telomerase expression. Oncogene, 2001, 20, 278-288.	5.9	92
107	Bypass of telomere-dependent replicative senescence (M1) upon overexpression of Cdk4 in normal human epithelial cells. Oncogene, 2003, 22, 433-444.	5.9	92
108	A three-dimensional model of differentiation of immortalized human bronchial epithelial cells. Differentiation, 2006, 74, 141-148.	1.9	89

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109	Telomere Dynamics in Macaques and Humans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2007, 62, 367-374.	3.6	87
110	hTERT promotes tumor angiogenesis by activating VEGF via interactions with the Sp1 transcription factor. Nucleic Acids Research, 2016, 44, 8693-8703.	14.5	87
111	Alternative splicing regulation of telomerase: a new paradigm?. Trends in Genetics, 2014, 30, 430-438.	6.7	85
112	Resveratrol reverses the Warburg effect by targeting the pyruvate dehydrogenase complex in colon cancer cells. Scientific Reports, 2017, 7, 6945.	3.3	85
113	Telomerase Can Inhibit the Recombination-based Pathway of Telomere Maintenance in Human Cells. Journal of Biological Chemistry, 2001, 276, 32198-32203.	3.4	84
114	Telomere Biology and Cellular Aging in Nonhuman Primate Cells. Experimental Cell Research, 2002, 272, 146-152.	2.6	84
115	Telomere length regulates ISG15 expression in human cells. Aging, 2009, 1, 608-621.	3.1	83
116	Quantitative mitochondrial DNA copy number determination using droplet digital PCR with single-cell resolution. Genome Research, 2019, 29, 1878-1888.	5.5	82
117	Early and late steps in telomere overhang processing in normal human cells: the position of the final RNA primer drives telomere shortening. Genes and Development, 2012, 26, 1167-1178.	5.9	80
118	Heterogeneous Nuclear Ribonucleoproteins C1 and C2 Associate with the RNA Component of Human Telomerase. Molecular and Cellular Biology, 2000, 20, 9084-9091.	2.3	75
119	Concepts and challenges in cancer risk prediction for the space radiation environment. Life Sciences in Space Research, 2015, 6, 92-103.	2.3	75
120	Antiadhesive Effects of GRN163Lâ€"An Oligonucleotide N3â€²â†'P5â€² Thio-Phosphoramidate Targeting Telomerase. Cancer Research, 2007, 67, 1121-1129.	0.9	74
121	AGING: When Do Telomeres Matter?. Science, 2001, 291, 839-840.	12.6	72
122	SORBS2transcription is activated by telomere position effectâ€"over long distance upon telomere shortening in muscle cells from patients with facioscapulohumeral dystrophy. Genome Research, 2015, 25, 1781-1790.	5.5	71
123	The use of telomerized cells for tissue engineering. Nature Biotechnology, 2000, 18, 22-23.	17.5	70
124	Telomere Stress Potentiates STING-Dependent Anti-tumor Immunity. Cancer Cell, 2020, 38, 400-411.e6.	16.8	70
125	Targeting telomerase-expressing cancer cells. Journal of Cellular and Molecular Medicine, 2011, 15, 1433-1442.	3.6	69
126	KIF14 Promotes AKT Phosphorylation and Contributes to Chemoresistance in Triple-Negative Breast Cancer. Neoplasia, 2014, 16, 247-256.e2.	5.3	69

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127	The effects of telomerase inhibition on prostate tumorâ€initiating cells. International Journal of Cancer, 2010, 127, 321-331.	5.1	64
128	Telomere shortening and decline in replicative potential as a function of donor age in human adrenocortical cells. Mechanisms of Ageing and Development, 2001, 122, 1685-1694.	4.6	63
129	NOVA1 regulates hTERT splicing and cell growth in non-small cell lung cancer. Nature Communications, 2018, 9, 3112.	12.8	63
130	Long-range telomere regulation of gene expression: Telomere looping and telomere position effect over long distances (TPE-OLD). Differentiation, 2018, 99, 1-9.	1.9	62
131	Homologous recombination in human telomeraseâ€positive and ALT cells occurs with the same frequency. EMBO Reports, 2003, 4, 1138-1143.	4.5	61
132	Multipotent Capacity of Immortalized Human Bronchial Epithelial Cells. PLoS ONE, 2011, 6, e22023.	2.5	60
133	Modification of Subtelomeric DNA. Molecular and Cellular Biology, 2004, 24, 4571-4580.	2.3	59
134	A Targeted RNAi Screen of the Breast Cancer Genome Identifies KIF14 and TLN1 as Genes That Modulate Docetaxel Chemosensitivity in Triple-Negative Breast Cancer. Clinical Cancer Research, 2013, 19, 2061-2070.	7.0	59
135	Regulation of Telomerase Alternative Splicing: A Target for Chemotherapy. Cell Reports, 2013, 3, 1028-1035.	6.4	58
136	Disruption of Wnt/Î²-Catenin Signaling and Telomeric Shortening Are Inextricable Consequences of Tankyrase Inhibition in Human Cells. Molecular and Cellular Biology, 2015, 35, 2425-2435.	2.3	58
137	Telomerase activity and expression of its RNA component in cervical lesions. Cancer, 1998, 82, 1319-1327.	4.1	57
138	Selective targeting of mutant adenomatous polyposis coli (APC) in colorectal cancer. Science Translational Medicine, 2016, 8, 361ra140.	12.4	55
139	Telomere length and telomerase activity in T cells are biomarkers of highâ€performing centenarians. Aging Cell, 2019, 18, e12859.	6.7	54
140	Telomerase activity during spontaneous immortalization of Li-Fraumeni syndrome skin fibroblasts. Oncogene, 1998, 17, 709-717.	5.9	53
141	Induction of LEF1 by MYC activates the WNT pathway and maintains cell proliferation. Cell Communication and Signaling, 2019, 17, 129.	6.5	50
142	Morphological Correlates of Adrenocorticotropin-Stimulated Steroidogenesis in Cultured Adrenocortical Cells: Differences between Bovine and Human Adrenal Cells[*]. Endocrinology, 1983, 113, 48-54.	2.8	49
143	Telomere Restriction Fragment (TRF) Analysis. Bio-protocol, 2015, 5, .	0.4	49
144	Long-term culture and cloning of primary human bronchial basal cells that maintain multipotent differentiation capacity and CFTR channel function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L313-L327.	2.9	48

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145	Telomerase Repeated Amplification Protocol (TRAP). Bio-protocol, 2015, 5, .	0.4	48
146	Human Telomerase Can Immortalize Indian Muntjac Cells. Experimental Cell Research, 2002, 281, 63-76.	2.6	46
147	Telomere length-dependent transcription and epigenetic modifications in promoters remote from telomere ends. PLoS Genetics, 2018, 14, e1007782.	3.5	46
148	The La antigen associates with the human telomerase ribonucleoprotein and influences telomere length in vivo. Rna, 2001, 7, 1068-1075.	3.5	45
149	Analysis of Telomeres and Telomerase. Current Protocols in Cell Biology, 2003, 20, Unit 18.6.	2.3	45
150	Asynchronous replication timing of telomeres at opposite arms of mammalian chromosomes. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12928-12933.	7.1	45
151	The Metastatic Potential and Chemoresistance of Human Pancreatic Cancer Stem Cells. PLoS ONE, 2016, 11, e0148807.	2.5	45
152	Purkinje cell-specific males absent on the first (mMof) gene deletion results in an ataxia-telangiectasia-like neurological phenotype and backward walking in mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3636-3641.	7.1	44
153	Genomic Instability and Telomerase Activity in Human Bronchial Epithelial Cells during Immortalization by Human Papillomavirus-16 E6 and E7 Genes. Experimental Cell Research, 1997, 235, 245-253.	2.6	43
154	The RNA component of telomerase as a marker of biologic potential and clinical outcome in childhood neuroblastic tumors. , 1999, 85, 741-749.		43
155	Alternative lengthening of telomeres can be maintained by preferential elongation of lagging strands. Nucleic Acids Research, 2017, 45, gkw1295.	14.5	43
156	Exploiting TERT dependency as a therapeutic strategy for NRAS-mutant melanoma. Oncogene, 2018, 37, 4058-4072.	5.9	42
157	Induced Telomere Damage to Treat Telomerase Expressing Therapy-Resistant Pediatric Brain Tumors. Molecular Cancer Therapeutics, 2018, 17, 1504-1514.	4.1	42
158	NOVA1 directs PTBP1 to hTERT pre-mRNA and promotes telomerase activity in cancer cells. Oncogene, 2019, 38, 2937-2952.	5.9	42
159	Accelerating drug development for neuroblastoma: Summary of the Second Neuroblastoma Drug Development Strategy forum from Innovative Therapies for Children with Cancer and International Society of Paediatric Oncology Europe Neuroblastoma. European Journal of Cancer, 2020, 136, 52-68.	2.8	42
160	Use of Telomerase to Create Bioengineered Tissues. Annals of the New York Academy of Sciences, 2005, 1057, 479-491.	3.8	41
161	In perspective: An update on telomere targeting in cancer. Molecular Carcinogenesis, 2019, 58, 1581-1588.	2.7	41
162	Progenitor Cell Line (hPheo1) Derived from a Human Pheochromocytoma Tumor. PLoS ONE, 2013, 8, e65624.	2.5	41

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163	Telomerase targeted oligonucleotide thioâ€phosphoramidates in T24â€luc bladder cancer cells. Journal of Cellular Biochemistry, 2008, 104, 444-452.	2.6	40
164	Irreparable complex DNA double-strand breaks induce chromosome breakage in organotypic three-dimensional human lung epithelial cell culture. Nucleic Acids Research, 2011, 39, 5474-5488.	14.5	40
165	Relative Biological Effectiveness of Energetic Heavy Ions for Intestinal Tumorigenesis Shows Male Preponderance and Radiation Type and Energy Dependence in APC1638N/+ Mice. International Journal of Radiation Oncology Biology Physics, 2016, 95, 131-138.	0.8	40
166	Telomerase-Mediated Strategy for Overcoming Nonâ€“Small Cell Lung Cancer Targeted Therapy and Chemotherapy Resistance. Neoplasia, 2018, 20, 826-837.	5.3	40
167	Telomeres in dyskeratosis congenita. Nature Genetics, 2004, 36, 437-438.	21.4	39
168	Telomerase therapeutics: telomeres recognized as a DNA damage signal: commentary re: K. Kraemer et al., antisense-mediated hTERT inhibition specifically reduces the growth of human bladder cancer cells. Clin. Cancer Res., 9: 3794-3800, 2003. Clinical Cancer Research, 2003, 9, 3521-5.	7.0	39
169	Enhanced Detection of Human Telomerase Activity. DNA and Cell Biology, 1998, 17, 217-219.	1.9	38
170	Telomerase inhibitor imetelstat has preclinical activity across the spectrum of non-small cell lung cancer oncogenotypes in a telomere length dependent manner. Oncotarget, 2016, 7, 31639-31651.	1.8	38
171	Telomerase activity as a marker of breast carcinoma in fine-needle aspirated samples. Cancer, 2000, 90, 235-238.	4.1	36
172	The Frequency of Homologous Recombination in Human ALT Cells. Cell Cycle, 2004, 3, 545-547.	2.6	36
173	Pancreatic cancer stem cells: Fact or fiction?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2009, 1792, 248-259.	3.8	35
174	T-cell-specific deletion of Mof blocks their differentiation and results in genomic instability in mice. Mutagenesis, 2013, 28, 263-270.	2.6	35
175	Transient introduction of human telomerase mRNA improves hallmarks of progeria cells. Aging Cell, 2019, 18, e12979.	6.7	34
176	CDDO-Me Protects against Space Radiation-Induced Transformation of Human Colon Epithelial Cells. Radiation Research, 2010, 174, 27.	1.5	32
177	Regulation of human telomerase splicing by RNA:RNA pairing. Nature Communications, 2014, 5, 3306.	12.8	32
178	Dysfunctional telomeres trigger cellular senescence mediated by cyclic GMP-AMP synthase. Journal of Biological Chemistry, 2020, 295, 11144-11160.	3.4	32
179	Telomerase activity in human germline and embryonic tissues and cells. Genesis, 1996, 18, 173-179.	2.1	32
180	The Maintenance of Telomere Length in CD28+ T Cells During T Lymphocyte Stimulation. Scientific Reports, 2017, 7, 6785.	3.3	31

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181	Seeding drug discovery: integrating telomerase cancer biology and cellular senescence to uncover new therapeutic opportunities in targeting cancer stem cells. Drug Discovery Today, 2007, 12, 611-621.	6.4	30
182	Branching morphogenesis of immortalized human bronchial epithelial cells in three-dimensional culture. Differentiation, 2014, 87, 119-126.	1.9	30
183	DNA damage response curtails detrimental replication stress and chromosomal instability induced by the dietary carcinogen PhIP. Nucleic Acids Research, 2016, 44, 10259-10276.	14.5	30
184	Impaired telomere maintenance in Alazami syndrome patients with LARP7 deficiency. BMC Genomics, 2016, 17, 749.	2.8	30
185	The aryl hydrocarbon receptor regulates nucleolar activity and protein synthesis in MYC-expressing cells. Genes and Development, 2018, 32, 1303-1308.	5.9	30
186	Immortalization of human mammary epithelial cells by SV40 large T-antigen involves a two step mechanism. In Vitro Cellular and Developmental Biology - Animal, 1993, 29, 180-182.	1.5	29
187	Telomeres Are Double-Strand DNA Breaks Hidden from DNA Damage Responses. Molecular Cell, 2004, 14, 420-421.	9.7	29
188	c9orf72 Disease-Related Foci Are Each Composed of One Mutant Expanded Repeat RNA. Cell Chemical Biology, 2017, 24, 141-148.	5.2	29
189	Induction of Telomere Dysfunction Prolongs Disease Control of Therapy-Resistant Melanoma. Clinical Cancer Research, 2018, 24, 4771-4784.	7.0	29
190	At the end of the millennium, a view of the end. Nature Genetics, 1999, 23, 382-383.	21.4	28
191	Prostate tumor-initiating cells: A new target for telomerase inhibition therapy?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2009, 1792, 289-296.	3.8	28
192	Radiation-Enhanced Lung Cancer Progression in a Transgenic Mouse Model of Lung Cancer Is Predictive of Outcomes in Human Lung and Breast Cancer. Clinical Cancer Research, 2014, 20, 1610-1622.	7.0	28
193	Disparate effects of telomere attrition on gene expression during replicative senescence of human mammary epithelial cells cultured under different conditions. Oncogene, 2004, 23, 6193-6198.	5.9	27
194	Functional Parsing of Driver Mutations in the Colorectal Cancer Genome Reveals Numerous Suppressors of Anchorage-Independent Growth. Cancer Research, 2011, 71, 4359-4365.	0.9	27
195	Cholesterol Depletion by TASIN-1 Induces Apoptotic Cell Death through the ER Stress/ROS/JNK Signaling in Colon Cancer Cells. Molecular Cancer Therapeutics, 2018, 17, 943-951.	4.1	27
196	Telomere Dysfunction Induced Foci (TIF) Analysis. Bio-protocol, 2015, 5, .	0.4	27
197	Imetelstat (a telomerase antagonist) exerts off-target effects on the cytoskeleton. International Journal of Oncology, 2013, 42, 1709-1715.	3.3	26
198	Are Short Telomeres Predictive of Advanced Cancer?. Cancer Discovery, 2013, 3, 1096-1098.	9.4	26

#	Article	IF	Citations
199	Oligonucleotide Conjugate GRN163L Targeting Human Telomerase as Potential Anticancer and Antimetastatic Agent. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1577-1579.	1.1	25
200	Amplification of F-Actin Disassembly and Cellular Repulsion by Growth Factor Signaling. Developmental Cell, 2017, 42, 117-129.e8.	7.0	25
201	A novel telomerase substrate precursor rapidly induces telomere dysfunction in telomerase positive cancer cells but not telomerase silent normal cells. Oncoscience, 2015, 2, 693-695.	2.2	25
202	Nuclear control of tumorigenicity in cells reconstructed by PEG-induced fusion of cell fragments. Journal of Supramolecular Structure, 1979, 11, 33-49.	2.3	24
203	Expression of Telomerase RNA Component Correlates with the MIB-1 Proliferation Index in Ependymomas. Journal of Neuropathology and Experimental Neurology, 1997, 56, 1142-1146.	1.7	24
204	Telomerase as a therapeutic target in cancer. Drug Discovery Today Disease Mechanisms, 2005, 2, 159-164.	0.8	24
205	Decreasing initial telomere length in humans intergenerationally understates ageâ€associated telomere shortening. Aging Cell, 2015, 14, 669-677.	6.7	24
206	Peloruside A Inhibits Growth of Human Lung and Breast Tumor Xenografts in an Athymic nu/nu Mouse Model. Molecular Cancer Therapeutics, 2015, 14, 1816-1823.	4.1	24
207	TERT Promoter Mutations Enhance Telomerase Activation by Long-Range Chromatin Interactions. Cancer Discovery, 2016, 6, 1212-1214.	9.4	24
208	Generation of digoxigenin-incorporated probes to enhance DNA detection sensitivity. BioTechniques, 2016, 60, 306-309.	1.8	24
209	DNA damage response at telomeres boosts the transcription of SARSâ€CoVâ€2 receptor ACE2 during aging. EMBO Reports, 2022, 23, e53658.	4.5	24
210	Tissue Culture as a Hostile Environment: Identifying Conditions for Breast Cancer Progression Studies. Cancer Cell, 2007, 12, 100-101.	16.8	23
211	Ageing and Cancer: The Telomere and Telomerase Connection. Novartis Foundation Symposium, 2008, , 116-129.	1.1	23
212	Telomere-Maintenance Mechanisms in Soft-Tissue Malignant Fibrous Histiocytomas. Journal of Bone and Joint Surgery - Series A, 2009, 91, 928-937.	3.0	23
213	Sulforaphane Preconditioning Sensitizes Human Colon Cancer Cells towards the Bioreductive Anticancer Prodrug PR-104A. PLoS ONE, 2016, 11, e0150219.	2.5	22
214	Non-malignant respiratory epithelial cells preferentially proliferate from resected non-small cell lung cancer specimens cultured under conditionally reprogrammed conditions. Oncotarget, 2017, 8, 11114-11126.	1.8	22
215	Implications of Mapping the Human Telomerase Gene (hTERT) as the Most Distal Gene on Chromosome 5p. Neoplasia, 2000, 2, 195-197.	5.3	22
216	H-Ras Expression in Immortalized Keratinocytes Produces an Invasive Epithelium in Cultured Skin Equivalents. PLoS ONE, 2009, 4, e7908.	2.5	22

#	Article	IF	Citations
217	Mutant APC promotes tumor immune evasion via PD-L1 in colorectal cancer. Oncogene, 2021, 40, 5984-5992.	5.9	21
218	The cholesterol uptake regulator PCSK9 promotes and is a therapeutic target in APC/KRAS-mutant colorectal cancer. Nature Communications, 2022, 13, .	12.8	21
219	Spontaneous Immortalization of Clinically Normal Colon-Derived Fibroblasts from a Familial Adenomatous Polyposis Patient. Neoplasia, 2004, 6, 258-265.	5.3	20
220	Identification of novel driver tumor suppressors through functional interrogation of putative passenger mutations in colorectal cancer. International Journal of Cancer, 2013, 132, 732-737.	5.1	19
221	Single-Strand DNA-Binding Protein SSB1 Facilitates TERT Recruitment to Telomeres and Maintains Telomere G-Overhangs. Cancer Research, 2015, 75, 858-869.	0.9	19
222	The Synthetic Triterpenoid RTA 405 (CDDO-EA) Halts Progression of Liver Fibrosis and Reduces Hepatocellular Carcinoma Size Resulting in Increased Survival in an Experimental Model of Chronic Liver Injury. Toxicological Sciences, 2016, 149, 111-120.	3.1	19
223	Expression of Contactin 4 Is Associated With Malignant Behavior in Pheochromocytomas and Paragangliomas. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 46-55.	3.6	19
224	Reconstituting Mouse Lungs with Conditionally Reprogrammed Human Bronchial Epithelial Cells. Tissue Engineering - Part A, 2018, 24, 559-568.	3.1	18
225	Decellularized mice colons as models to study the contribution of the extracellular matrix to cell behavior and colon cancer progression. Acta Biomaterialia, 2019, 100, 213-222.	8.3	18
226	Perifosine as a potential novel anti-telomerase therapy. Oncotarget, 2015, 6, 21816-21826.	1.8	18
227	Cytoplasmic modification of nuclear gene expression. Molecular and Cellular Biochemistry, 1983, 57, 17-26.	3.1	17
228	ddTRAP: A Method for Sensitive and Precise Quantification of Telomerase Activity. Methods in Molecular Biology, 2018, 1768, 513-529.	0.9	16
229	Analysis of Mammalian Telomere Position Effect. , 2004, 287, 121-136.		15
230	Small molecule, oligonucleotide-based telomerase template inhibition in combination with cytolytic therapy in an in vitro androgen-independent prostate cancer model. Urologic Oncology: Seminars and Original Investigations, 2006, 24, 141-151.	1.6	15
231	Immortalized normal human lung epithelial cell models for studying lung cancer biology. Respiratory Investigation, 2020, 58, 344-354.	1.8	15
232	CDDO-Me Protects Normal Lung and Breast Epithelial Cells but Not Cancer Cells from Radiation. PLoS ONE, 2014, 9, e115600.	2.5	15
233	Two- and Three-Dimensional Models for Risk Assessment of Radiation-Enhanced Colorectal Tumorigenesis. Radiation Research, 2009, 171, 33-40.	1.5	14
234	Is telomerase a novel target for metastatic colon cancer?. Current Colorectal Cancer Reports, 2009, 5, 203-208.	0.5	14

#	Article	IF	Citations
235	Are Short Telomeres Hallmarks of Cancer Recurrence?. Clinical Cancer Research, 2014, 20, 779-781.	7.0	14
236	MicroRNAs as potential drug targets for therapeutic intervention in colorectal cancer. Expert Opinion on Therapeutic Targets, 2015, 19, 1705-1723.	3.4	14
237	New insights into melanoma development. Science, 2017, 357, 1358-1359.	12.6	14
238	Truncated Adenomatous Polyposis Coli Mutation Induces Asef-Activated Golgi Fragmentation. Molecular and Cellular Biology, 2018, 38, .	2.3	14
239	Mitigation of Radiation-Induced Damage by Targeting EGFR in Noncancerous Human Epithelial Cells. Radiation Research, 2013, 180, 259.	1.5	13
240	The Roles of Telomerase in the Generation of Polyploidy during Neoplastic Cell Growth. Neoplasia, 2013, 15, 156-IN17.	5.3	13
241	Inhibition of microRNA-31-5p protects human colonic epithelial cells against ionizing radiation. Life Sciences in Space Research, 2014, 1, 67-73.	2.3	13
242	Design and Synthesis of TASIN Analogues Specifically Targeting Colorectal Cancer Cell Lines with Mutant Adenomatous Polyposis Coli (APC). Journal of Medicinal Chemistry, 2019, 62, 5217-5241.	6.4	13
243	Spontaneous immortalization of clinically normal colon-derived fibroblasts from a familial adenomatous polyposis patient. Neoplasia, 2004, 6, 258-65.	5.3	13
244	A primary melanoma and its asynchronous metastasis highlight the role of <scp>BRAF</scp>, <scp>CDKN2A</scp>, and <scp>TERT</scp>. Journal of Cutaneous Pathology, 2015, 42, 108-117.	1.3	12
245	Telomerase Assays in the Diagnosis and Prognosis of Cancer. Novartis Foundation Symposium, 1997, 211, 148-159.	1.1	12
246	Suppression of tumorigenicity in cybrids. Journal of Supramolecular Structure and Cellular Biochemistry, 1981, 16, 75-82.	1.4	11
247	MAP9 Loss Triggers Chromosomal Instability, Initiates Colorectal Tumorigenesis, and Is Associated with Poor Survival of Patients with Colorectal Cancer. Clinical Cancer Research, 2020, 26, 746-757.	7.0	11
248	Chemical intervention of influenza virus mRNA nuclear export. PLoS Pathogens, 2020, 16, e1008407.	4.7	11
249	Novel Short Oligonucleotide Conjugates as Inhibitors of Human Telomerase. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 1627-1629.	1.1	10
250	Time Lapse to Colorectal Cancer: Telomere Dynamics Define the Malignant Potential of Polyps. Clinical and Translational Gastroenterology, 2016, 7, e188.	2.5	10
251	Proliferation of adult human bronchial epithelial cells without a telomere maintenance mechanism for over 200 population doublings. FASEB Journal, 2020, 34, 386-398.	0.5	10
252	SLC43A3 Is a Biomarker of Sensitivity to the Telomeric DNA Damage Mediator 6-Thio-2â€²-Deoxyguanosine. Cancer Research, 2020, 80, 929-936.	0.9	10

#	Article	IF	Citations
253	A Modified Nucleoside 6-Thio-2â€²-Deoxyguanosine Exhibits Antitumor Activity in Gliomas. Clinical Cancer Research, 2021, 27, 6800-6814.	7.0	10
254	Telomere G-Overhang Length Measurement Method 1: The DSN Method. Methods in Molecular Biology, 2011, 735, 47-54.	0.9	10
255	Effects of a 33-ion sequential beam galactic cosmic ray analog on male mouse behavior and evaluation of CDDO-EA as a radiation countermeasure. Behavioural Brain Research, 2022, 419, 113677.	2.2	9
256	Cytoplasmic suppression of tumor progression in reconstituted cells. Somatic Cell and Molecular Genetics, 1988, 14, 345-350.	0.7	8
257	Short Hairpin RNA Screen Indicates That Klotho Beta/FGF19 Protein Overcomes Stasis in Human Colonic Epithelial Cells. Journal of Biological Chemistry, 2011, 286, 43294-43300.	3.4	8
258	Lung cancer progression using fast switching multiple ion beam radiation and countermeasure prevention. Life Sciences in Space Research, 2020, 24, 108-115.	2.3	8
259	Telomeres and replicative cellular aging of the human placenta and chorioamniotic membranes. Scientific Reports, 2021, 11, 5115.	3.3	8
260	Evidence of epithelial to mesenchymal transition associated with increased tumorigenic potential in an immortalized normal prostate epithelial cell line. Prostate, 2011, 71, 626-636.	2.3	7
261	Single-Cell Expression Landscape of SARS-CoV-2 Receptor ACE2 and Host Proteases in Normal and Malignant Lung Tissues from Pulmonary Adenocarcinoma Patients. Cancers, 2021, 13, 1250.	3.7	7
262	Aryl Sulfonamide Inhibits Entry and Replication of Diverse Influenza Viruses via the Hemagglutinin Protein. Journal of Medicinal Chemistry, 2021, 64, 10951-10966.	6.4	7
263	Telomerase activity in human germline and embryonic tissues and cells. , 1996, 18, 173.		7
264	Determining if Telomeres Matter in Colon Cancer Initiation or Progression. Journal of the National Cancer Institute, 2013, 105, 1166-1168.	6.3	6
265	Proton radiation-induced cancer progression. Life Sciences in Space Research, 2018, 19, 31-42.	2.3	6
266	Catalysis-dependent inactivation of human telomerase and its reactivation by intracellular telomerase-activating factors (iTAFs). Journal of Biological Chemistry, 2019, 294, 11579-11596.	3.4	6
267	Telomere erosion in human pluripotent stem cells leads to ATR-mediated mitotic catastrophe. Journal of Cell Biology, 2021, 220, .	5.2	6
268	Fragmentation analysis of normal and dystrophic avian muscle. Muscle and Nerve, 1982, 5, 373-381.	2.2	5
269	Human Telomerase Can Immortalize Indian Muntjac Cells. Experimental Cell Research, 2002, 281, 63-63.	2.6	5
270	2D gel electrophoresis reveals dynamics of t-loop formation during the cell cycle and t-loop in maintenance regulated by heterochromatin state. Journal of Biological Chemistry, 2019, 294, 6645-6656.	3.4	5

#	Article	IF	Citations
271	Repair of O6-carboxymethylguanine adducts by O6-methylguanine-DNA methyltransferase in human colon epithelial cells. Carcinogenesis, 2021, 42, 1110-1118.	2.8	5
272	Telomere clustering drives ALT. Aging, 2019, 11, 8046-8047.	3.1	5
273	Organotypic culture in three dimensions prevents radiation-induced transformation in human lung epithelial cells. Scientific Reports, 2016, 6, 31669.	3.3	4
274	TRA-1-60-positive/CD45low cells found in the peripheral blood of prostate cancer patients with metastatic disease â€“ A proof-of-concept study. Heliyon, 2020, 6, e03263.	3.2	4
275	Risk assessment of space radiation-induced invasive cancer in mouse models of lung and colorectal cancer. Journal of Radiation Research, 2014, 55, i46-i47.	1.6	3
276	Imaging assay to probe the role of telomere length shortening on telomere-gene interactions in single cells. Chromosoma, 2021, 130, 61-73.	2.2	3
277	Telomerase as a Target for Cancer Therapeutics. , 2010, , 231-249.		2
278	Facioscapulohumeral muscular dystrophy. Rare Diseases (Austin, Tex), 2013, 1, e26142.	1.8	2
279	The RNA component of telomerase as a marker of biologic potential and clinical outcome in childhood neuroblastic tumors. Cancer, 1999, 85, 741-749.	4.1	2
280	Telomeric Shortening and Replicative Aging. , 2003, , .		2
281	Nuclear speckle integrity and function require TAO2 kinase. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	2
282	Mechanisms of escaping cellular senescence. Radiation Oncology Investigations, 1995, 3, 284-289.	0.9	1
283	Inducing rapid telomere irreparable damage in telomerase-expressing cancers. Oncotarget, 2018, 9, 35803-35804.	1.8	1
284	Telomerase activity and expression of its RNA component in cervical lesions. Cancer, 1998, 82, 1319-1327.	4.1	1
285	Telomerase activity as a marker of breast carcinoma in fineâ€needle aspirated samples. Cancer, 2000, 90, 235-238.	4.1	1
286	Senescence and Immortalization: Relationships to Telomeres and Telomerase. FASEB Journal, 2006, 20, A890.	0.5	1
287	Immortalization of human small airway epithelial cells with characteristics of bronchioalveolar stem cells. FASEB Journal, 2009, 23, LB340.	0.5	1
288	T-Cell Telomere Length As a Biomarker to Predict Outcome in Patients Receiving CAR-T Immunotherapy. Blood, 2021, 138, 4798-4798.	1.4	1

#	Article	IF	Citations
289	Resistance to mutant KRAS-induced senescence in an hTERT/Cdk4-immortalized normal human bronchial epithelial cell line. Experimental Cell Research, 2022, 414, 113053.	2.6	1
290	Oxygen and Silicon Ion Particles Induce Neoplastic Transformation in Human Colonic Epithelial Cells. Gravitational and Space Research: Publication of the American Society for Gravitational and Space Research, 2014, 2, 32-41.	0.8	1
291	A water-immersion objective for the modulation-contrast microscope. Tissue Culture Association Manual, 1977, 3, 699-701.	0.3	0
292	Forward: Aging and cancer: Are telomeres and telomerase the connection?. Advances in Cell Aging and Gerontology, 2001, 8, 1-13.	0.1	0
293	Telomerase: target for cancer treatment. , 0, , 442-451.		0
294	Telomere G-Rich Overhang Length Measurement: DSN Method. Methods in Molecular Biology, 2017, 1587, 55-62.	0.9	0
295	Telomere Terminal G/C Strand Synthesis: Measuring Telomerase Action and C-Rich Fill-In. Methods in Molecular Biology, 2017, 1587, 71-82.	0.9	0
296	Immortalized keratinocytes that overexpress Hâ€ras produce an invasive, randomized epithelium in organotypic culture. FASEB Journal, 2008, 22, 978.3.	0.5	0
297	Keratinocyte senescence effects on differentiation and migration in a skin equivalent. FASEB Journal, 2009, 23, 830.4.	0.5	0
298	Abstract PL01-01: The role of telomeres and telomerase in aging and cancer. Cancer Prevention Research, 2012, 5, PL01-01-PL01-01.	1.5	0
299	697â€…Telomerase-driven telomeric DNA modification in cancer cells leads to efficient induction of cGAS-mediated innate and adoptive immune responses. , 2021, 9, A725-A725.		0