

Jerry W Shay

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	DNA damage response at telomeres boosts the transcription of SARS-CoV-2 receptor ACE2 during aging. EMBO Reports, 2022, 23, e53658.	4.5	24
3	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
4	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
5	The cholesterol uptake regulator PCSK9 promotes and is a therapeutic target in APC/KRAS-mutant colorectal cancer. Nature Communications, 2022, 13, .	12.8	21
6	MLH1 Deficiency-Triggered DNA Hyperexcision by Exonuclease 1 Activates the cGAS-STING Pathway. Cancer Cell, 2021, 39, 109-121.e5.	16.8	108
7	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
8	Telomeres and replicative cellular aging of the human placenta and chorioamniotic membranes. Scientific Reports, 2021, 11, 5115.	3.3	8
9	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
10	Telomere erosion in human pluripotent stem cells leads to ATR-mediated mitotic catastrophe. Journal of Cell Biology, 2021, 220, .	5.2	6
11	Repair of O6-carboxymethylguanine adducts by O6-methylguanine-DNA methyltransferase in human colon epithelial cells. Carcinogenesis, 2021, 42, 1110-1118.	2.8	5
12	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
13	Mutant APC promotes tumor immune evasion via PD-L1 in colorectal cancer. Oncogene, 2021, 40, 5984-5992.	5.9	21
14	A Modified Nucleoside 6-Thio-2-Deoxyguanosine Exhibits Antitumor Activity in Gliomas. Clinical Cancer Research, 2021, 27, 6800-6814.	7.0	10
15	697...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
16	T-Cell Telomere Length As a Biomarker to Predict Outcome in Patients Receiving CAR-T Immunotherapy. Blood, 2021, 138, 4798-4798.	1.4	1
17	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
18	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

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19	Proliferation of adult human bronchial epithelial cells without a telomere maintenance mechanism for over 200 population doublings. <i>FASEB Journal</i> , 2020, 34, 386-398.	0.5	10
20	Dysfunctional telomeres trigger cellular senescence mediated by cyclic GMP-AMP synthase. <i>Journal of Biological Chemistry</i> , 2020, 295, 11144-11160.	3.4	32
21	TRA-1-60-positive/CD45 ^{low} cells found in the peripheral blood of prostate cancer patients with metastatic disease – A proof-of-concept study. <i>Heliyon</i> , 2020, 6, e03263.	3.2	4
22	Immortalized normal human lung epithelial cell models for studying lung cancer biology. <i>Respiratory Investigation</i> , 2020, 58, 344-354.	1.8	15
23	Telomere Stress Potentiates STING-Dependent Anti-tumor Immunity. <i>Cancer Cell</i> , 2020, 38, 400-411.e6.	16.8	70
24	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. <i>European Journal of Cancer</i> , 2020, 136, 52-68.	2.8	42
25	<i>SLC43A3</i> Is a Biomarker of Sensitivity to the Telomeric DNA Damage Mediator 6-Thio-2-Deoxyguanosine. <i>Cancer Research</i> , 2020, 80, 929-936.	0.9	10
26	Chemical intervention of influenza virus mRNA nuclear export. <i>PLoS Pathogens</i> , 2020, 16, e1008407.	4.7	11
27	MYC promotes tryptophan uptake and metabolism by the kynurenine pathway in colon cancer. <i>Genes and Development</i> , 2019, 33, 1236-1251.	5.9	127
28	Induction of LEF1 by MYC activates the WNT pathway and maintains cell proliferation. <i>Cell Communication and Signaling</i> , 2019, 17, 129.	6.5	50
29	Quantitative mitochondrial DNA copy number determination using droplet digital PCR with single-cell resolution. <i>Genome Research</i> , 2019, 29, 1878-1888.	5.5	82
30	Decellularized mice colons as models to study the contribution of the extracellular matrix to cell behavior and colon cancer progression. <i>Acta Biomaterialia</i> , 2019, 100, 213-222.	8.3	18
31	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.	3.4	6
32	Clustered telomeres in phase-separated nuclear condensates engage mitotic DNA synthesis through BLM and RAD52. <i>Genes and Development</i> , 2019, 33, 814-827.	5.9	130
33	Transient introduction of human telomerase mRNA improves hallmarks of progeria cells. <i>Aging Cell</i> , 2019, 18, e12979.	6.7	34
34	Design and Synthesis of TASIN Analogues Specifically Targeting Colorectal Cancer Cell Lines with Mutant Adenomatous Polyposis Coli (APC). <i>Journal of Medicinal Chemistry</i> , 2019, 62, 5217-5241.	6.4	13
35	In perspective: An update on telomere targeting in cancer. <i>Molecular Carcinogenesis</i> , 2019, 58, 1581-1588.	2.7	41
36	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.	3.4	5

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37	Telomeres and telomerase: three decades of progress. <i>Nature Reviews Genetics</i> , 2019, 20, 299-309.	16.8	534
38	NOVA1 directs PTBP1 to hTERT pre-mRNA and promotes telomerase activity in cancer cells. <i>Oncogene</i> , 2019, 38, 2937-2952.	5.9	42
39	Telomere length and telomerase activity in T cells are biomarkers of high-performing centenarians. <i>Aging Cell</i> , 2019, 18, e12859.	6.7	54
40	Telomere clustering drives ALT. <i>Aging</i> , 2019, 11, 8046-8047.	3.1	5
41	Cholesterol Depletion by TASIN-1 Induces Apoptotic Cell Death through the ER Stress/ROS/JNK Signaling in Colon Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 943-951.	4.1	27
42	Exploiting TERT dependency as a therapeutic strategy for NRAS-mutant melanoma. <i>Oncogene</i> , 2018, 37, 4058-4072.	5.9	42
43	Induced Telomere Damage to Treat Telomerase Expressing Therapy-Resistant Pediatric Brain Tumors. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1504-1514.	4.1	42
44	Reflections on telomere dynamics and ageing-related diseases in humans. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160436.	4.0	131
45	Comparison of telomere length measurement methods. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160451.	4.0	173
46	ddTRAP: A Method for Sensitive and Precise Quantification of Telomerase Activity. <i>Methods in Molecular Biology</i> , 2018, 1768, 513-529.	0.9	16
47	Induction of Telomere Dysfunction Prolongs Disease Control of Therapy-Resistant Melanoma. <i>Clinical Cancer Research</i> , 2018, 24, 4771-4784.	7.0	29
48	Reconstituting Mouse Lungs with Conditionally Reprogrammed Human Bronchial Epithelial Cells. <i>Tissue Engineering - Part A</i> , 2018, 24, 559-568.	3.1	18
49	Expression of Contactin 4 Is Associated With Malignant Behavior in Pheochromocytomas and Paragangliomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 46-55.	3.6	19
50	Long-range telomere regulation of gene expression: Telomere looping and telomere position effect over long distances (TPE-OLD). <i>Differentiation</i> , 2018, 99, 1-9.	1.9	62
51	Telomeres and aging. <i>Current Opinion in Cell Biology</i> , 2018, 52, 1-7.	5.4	122
52	Telomere length-dependent transcription and epigenetic modifications in promoters remote from telomere ends. <i>PLoS Genetics</i> , 2018, 14, e1007782.	3.5	46
53	Inducing rapid telomere irreparable damage in telomerase-expressing cancers. <i>Oncotarget</i> , 2018, 9, 35803-35804.	1.8	1
54	The aryl hydrocarbon receptor regulates nucleolar activity and protein synthesis in MYC-expressing cells. <i>Genes and Development</i> , 2018, 32, 1303-1308.	5.9	30

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55	Proton radiation-induced cancer progression. <i>Life Sciences in Space Research</i> , 2018, 19, 31-42.	2.3	6
56	NOVA1 regulates hTERT splicing and cell growth in non-small cell lung cancer. <i>Nature Communications</i> , 2018, 9, 3112.	12.8	63
57	Telomerase-Mediated Strategy for Overcoming Non-Small Cell Lung Cancer Targeted Therapy and Chemotherapy Resistance. <i>Neoplasia</i> , 2018, 20, 826-837.	5.3	40
58	Long-term culture and cloning of primary human bronchial basal cells that maintain multipotent differentiation capacity and CFTR channel function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L313-L327.	2.9	48
59	Truncated Adenomatous Polyposis Coli Mutation Induces Asef-Activated Golgi Fragmentation. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	14
60	Telomere-associated aging disorders. <i>Ageing Research Reviews</i> , 2017, 33, 52-66.	10.9	128
61	Alternative lengthening of telomeres can be maintained by preferential elongation of lagging strands. <i>Nucleic Acids Research</i> , 2017, 45, gkw1295.	14.5	43
62	c9orf72 Disease-Related Foci Are Each Composed of One Mutant Expanded Repeat RNA. <i>Cell Chemical Biology</i> , 2017, 24, 141-148.	5.2	29
63	Multiple Roles of APC and its Therapeutic Implications in Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2017, 109, .	6.3	254
64	Telomere G-Rich Overhang Length Measurement: DSN Method. <i>Methods in Molecular Biology</i> , 2017, 1587, 55-62.	0.9	0
65	Telomere Terminal G/C Strand Synthesis: Measuring Telomerase Action and C-Rich Fill-In. <i>Methods in Molecular Biology</i> , 2017, 1587, 71-82.	0.9	0
66	Mutations, Cancer and the Telomere Length Paradox. <i>Trends in Cancer</i> , 2017, 3, 253-258.	7.4	101
67	New insights into melanoma development. <i>Science</i> , 2017, 357, 1358-1359.	12.6	14
68	The Maintenance of Telomere Length in CD28+ T Cells During T Lymphocyte Stimulation. <i>Scientific Reports</i> , 2017, 7, 6785.	3.3	31
69	Resveratrol reverses the Warburg effect by targeting the pyruvate dehydrogenase complex in colon cancer cells. <i>Scientific Reports</i> , 2017, 7, 6945.	3.3	85
70	Alternative Lengthening of Telomeres Mediated by Mitotic DNA Synthesis Engages Break-Induced Replication Processes. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	156
71	A method for measuring the distribution of the shortest telomeres in cells and tissues. <i>Nature Communications</i> , 2017, 8, 1356.	12.8	123
72	Amplification of F-Actin Disassembly and Cellular Repulsion by Growth Factor Signaling. <i>Developmental Cell</i> , 2017, 42, 117-129.e8.	7.0	25

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73	Non-malignant respiratory epithelial cells preferentially proliferate from resected non-small cell lung cancer specimens cultured under conditionally reprogrammed conditions. <i>Oncotarget</i> , 2017, 8, 11114-11126.	1.8	22
74	Sulforaphane Preconditioning Sensitizes Human Colon Cancer Cells towards the Bioreductive Anticancer Prodrug PR-104A. <i>PLoS ONE</i> , 2016, 11, e0150219.	2.5	22
75	Roles of telomeres and telomerase in cancer, and advances in telomerase-targeted therapies. <i>Genome Medicine</i> , 2016, 8, 69.	8.2	470
76	Role of Telomeres and Telomerase in Aging and Cancer. <i>Cancer Discovery</i> , 2016, 6, 584-593.	9.4	463
77	Time Lapse to Colorectal Cancer: Telomere Dynamics Define the Malignant Potential of Polyps. <i>Clinical and Translational Gastroenterology</i> , 2016, 7, e188.	2.5	10
78	Organotypic culture in three dimensions prevents radiation-induced transformation in human lung epithelial cells. <i>Scientific Reports</i> , 2016, 6, 31669.	3.3	4
79	DNA damage response curtails detrimental replication stress and chromosomal instability induced by the dietary carcinogen PhIP. <i>Nucleic Acids Research</i> , 2016, 44, 10259-10276.	14.5	30
80	Selective targeting of mutant adenomatous polyposis coli (<i>APC</i>) in colorectal cancer. <i>Science Translational Medicine</i> , 2016, 8, 361ra140.	12.4	55
81	Comparison of DNA Quantification Methods for Next Generation Sequencing. <i>Scientific Reports</i> , 2016, 6, 24067.	3.3	104
82	<i>TERT</i> Promoter Mutations Enhance Telomerase Activation by Long-Range Chromatin Interactions. <i>Cancer Discovery</i> , 2016, 6, 1212-1214.	9.4	24
83	Generation of digoxigenin-incorporated probes to enhance DNA detection sensitivity. <i>BioTechniques</i> , 2016, 60, 306-309.	1.8	24
84	Impaired telomere maintenance in Alazami syndrome patients with LARP7 deficiency. <i>BMC Genomics</i> , 2016, 17, 749.	2.8	30
85	hTERT promotes tumor angiogenesis by activating VEGF via interactions with the Sp1 transcription factor. <i>Nucleic Acids Research</i> , 2016, 44, 8693-8703.	14.5	87
86	Galactic cosmic ray simulation at the NASA Space Radiation Laboratory. <i>Life Sciences in Space Research</i> , 2016, 8, 38-51.	2.3	112
87	Relative Biological Effectiveness of Energetic Heavy Ions for Intestinal Tumorigenesis Shows Male Preponderance and Radiation Type and Energy Dependence in APC1638N/+ Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 131-138.	0.8	40
88	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. <i>Toxicological Sciences</i> , 2016, 149, 111-120.	3.1	19
89	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.	5.6	140
90	The Metastatic Potential and Chemoresistance of Human Pancreatic Cancer Stem Cells. <i>PLoS ONE</i> , 2016, 11, e0148807.	2.5	45

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91	Telomerase inhibitor imetelstat has preclinical activity across the spectrum of non-small cell lung cancer oncogenotypes in a telomere length dependent manner. <i>Oncotarget</i> , 2016, 7, 31639-31651.	1.8	38
92	Decreasing initial telomere length in humans intergenerationally understates age-associated telomere shortening. <i>Aging Cell</i> , 2015, 14, 669-677.	6.7	24
93	Induction of Telomere Dysfunction Mediated by the Telomerase Substrate Precursor 6-Thio-2-Deoxyguanosine. <i>Cancer Discovery</i> , 2015, 5, 82-95.	9.4	113
94	Single-Strand DNA-Binding Protein SSB1 Facilitates TERT Recruitment to Telomeres and Maintains Telomere G-Overhangs. <i>Cancer Research</i> , 2015, 75, 858-869.	0.9	19
95	Peloruside A Inhibits Growth of Human Lung and Breast Tumor Xenografts in an Athymic <i>nu/nu</i> Mouse Model. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1816-1823.	4.1	24
96	MicroRNAs as potential drug targets for therapeutic intervention in colorectal cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1705-1723.	3.4	14
97	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, 2425-2435.	2.3	58
98	Exome sequencing links mutations in PARN and RTEL1 with familial pulmonary fibrosis and telomere shortening. <i>Nature Genetics</i> , 2015, 47, 512-517.	21.4	385
99	<i>SORBS2</i> 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, 1781-1790.	5.5	71
100	A primary melanoma and its asynchronous metastasis highlight the role of <i>BRAF</i> , <i>CDKN2A</i> , and <i>TERT</i> . <i>Journal of Cutaneous Pathology</i> , 2015, 42, 108-117.	1.3	12
101	Concepts and challenges in cancer risk prediction for the space radiation environment. <i>Life Sciences in Space Research</i> , 2015, 6, 92-103.	2.3	75
102	A novel telomerase substrate precursor rapidly induces telomere dysfunction in telomerase positive cancer cells but not telomerase silent normal cells. <i>Oncoscience</i> , 2015, 2, 693-695.	2.2	25
103	Perifosine as a potential novel anti-telomerase therapy. <i>Oncotarget</i> , 2015, 6, 21816-21826.	1.8	18
104	Telomere Dysfunction Induced Foci (TIF) Analysis. <i>Bio-protocol</i> , 2015, 5, .	0.4	27
105	Telomerase Repeated Amplification Protocol (TRAP). <i>Bio-protocol</i> , 2015, 5, .	0.4	48
106	Telomere Restriction Fragment (TRF) Analysis. <i>Bio-protocol</i> , 2015, 5, .	0.4	49
107	Radiation-Enhanced Lung Cancer Progression in a Transgenic Mouse Model of Lung Cancer Is Predictive of Outcomes in Human Lung and Breast Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 1610-1622.	7.0	28
108	Risk assessment of space radiation-induced invasive cancer in mouse models of lung and colorectal cancer. <i>Journal of Radiation Research</i> , 2014, 55, i46-i47.	1.6	3

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109	Regulation of human telomerase splicing by RNA:RNA pairing. <i>Nature Communications</i> , 2014, 5, 3306.	12.8	32
110	Are Short Telomeres Hallmarks of Cancer Recurrence?. <i>Clinical Cancer Research</i> , 2014, 20, 779-781.	7.0	14
111	Telomere position effect: regulation of gene expression with progressive telomere shortening over long distances. <i>Genes and Development</i> , 2014, 28, 2464-2476.	5.9	238
112	Telomeropathies: An emerging spectrum disorder. <i>Journal of Cell Biology</i> , 2014, 205, 289-299.	5.2	148
113	Alternative splicing regulation of telomerase: a new paradigm?. <i>Trends in Genetics</i> , 2014, 30, 430-438.	6.7	85
114	Quantitative telomerase enzyme activity determination using droplet digital PCR with single cell resolution. <i>Nucleic Acids Research</i> , 2014, 42, e104-e104.	14.5	102
115	Inhibition of microRNA-31-5p protects human colonic epithelial cells against ionizing radiation. <i>Life Sciences in Space Research</i> , 2014, 1, 67-73.	2.3	13
116	Branching morphogenesis of immortalized human bronchial epithelial cells in three-dimensional culture. <i>Differentiation</i> , 2014, 87, 119-126.	1.9	30
117	KIF14 Promotes AKT Phosphorylation and Contributes to Chemoresistance in Triple-Negative Breast Cancer. <i>Neoplasia</i> , 2014, 16, 247-256.e2.	5.3	69
118	CDDO-Me Protects Normal Lung and Breast Epithelial Cells but Not Cancer Cells from Radiation. <i>PLoS ONE</i> , 2014, 9, e115600.	2.5	15
119	Oxygen and Silicon Ion Particles Induce Neoplastic Transformation in Human Colonic Epithelial Cells. <i>Gravitational and Space Research: Publication of the American Society for Gravitational and Space Research</i> , 2014, 2, 32-41.	0.8	1
120	Identification of novel driver tumor suppressors through functional interrogation of putative passenger mutations in colorectal cancer. <i>International Journal of Cancer</i> , 2013, 132, 732-737.	5.1	19
121	T-cell-specific deletion of Mof blocks their differentiation and results in genomic instability in mice. <i>Mutagenesis</i> , 2013, 28, 263-270.	2.6	35
122	Mitigation of Radiation-Induced Damage by Targeting EGFR in Noncancerous Human Epithelial Cells. <i>Radiation Research</i> , 2013, 180, 259.	1.5	13
123	The Roles of Telomerase in the Generation of Polyploidy during Neoplastic Cell Growth. <i>Neoplasia</i> , 2013, 15, 156-IN17.	5.3	13
124	Imetelstat (a telomerase antagonist) exerts off-target effects on the cytoskeleton. <i>International Journal of Oncology</i> , 2013, 42, 1709-1715.	3.3	26
125	Telomere position effect regulates DUX4 in human facioscapulohumeral muscular dystrophy. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 671-678.	8.2	95
126	Regulation of Telomerase Alternative Splicing: A Target for Chemotherapy. <i>Cell Reports</i> , 2013, 3, 1028-1035.	6.4	58

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127	A Targeted RNAi Screen of the Breast Cancer Genome Identifies <i>KIF14</i> and <i>TLN1</i> as Genes That Modulate Docetaxel Chemosensitivity in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2013, 19, 2061-2070.	7.0	59
128	Human Lung Epithelial Cells Progressed to Malignancy through Specific Oncogenic Manipulations. <i>Molecular Cancer Research</i> , 2013, 11, 638-650.	3.4	192
129	Determining if Telomeres Matter in Colon Cancer Initiation or Progression. <i>Journal of the National Cancer Institute</i> , 2013, 105, 1166-1168.	6.3	6
130	Lamin A/C Depletion Enhances DNA Damage-Induced Stalled Replication Fork Arrest. <i>Molecular and Cellular Biology</i> , 2013, 33, 1210-1222.	2.3	101
131	Are Short Telomeres Predictive of Advanced Cancer?. <i>Cancer Discovery</i> , 2013, 3, 1096-1098.	9.4	26
132	Facioscapulohumeral muscular dystrophy. <i>Rare Diseases (Austin, Tex)</i> , 2013, 1, e26142.	1.8	2
133	Progenitor Cell Line (hPheo1) Derived from a Human Pheochromocytoma Tumor. <i>PLoS ONE</i> , 2013, 8, e65624.	2.5	41
134	Targeting of Nrf2 induces DNA damage signaling and protects colonic epithelial cells from ionizing radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2949-55.	7.1	133
135	Early and late steps in telomere overhang processing in normal human cells: the position of the final RNA primer drives telomere shortening. <i>Genes and Development</i> , 2012, 26, 1167-1178.	5.9	80
136	Cancer and Telomeres—An ALternative to Telomerase. <i>Science</i> , 2012, 336, 1388-1390.	12.6	127
137	Abstract PL01-01: The role of telomeres and telomerase in aging and cancer. <i>Cancer Prevention Research</i> , 2012, 5, PL01-01-PL01-01.	1.5	0
138	Multipotent Capacity of Immortalized Human Bronchial Epithelial Cells. <i>PLoS ONE</i> , 2011, 6, e22023.	2.5	60
139	Comparative biology of mammalian telomeres: hypotheses on ancestral states and the roles of telomeres in longevity determination. <i>Aging Cell</i> , 2011, 10, 761-768.	6.7	348
140	Targeting telomerase-expressing cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1433-1442.	3.6	69
141	Role of telomeres and telomerase in cancer. <i>Seminars in Cancer Biology</i> , 2011, 21, 349-353.	9.6	407
142	Evidence of epithelial to mesenchymal transition associated with increased tumorigenic potential in an immortalized normal prostate epithelial cell line. <i>Prostate</i> , 2011, 71, 626-636.	2.3	7
143	Short Hairpin RNA Screen Indicates That Klotho Beta/FGF19 Protein Overcomes Stasis in Human Colonic Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 43294-43300.	3.4	8
144	Functional Parsing of Driver Mutations in the Colorectal Cancer Genome Reveals Numerous Suppressors of Anchorage-Independent Growth. <i>Cancer Research</i> , 2011, 71, 4359-4365.	0.9	27

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145	Purkinje cell-specific <i>mlh1</i> gene deletion results in an ataxia-telangiectasia-like neurological phenotype and backward walking in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3636-3641.	7.1	44
146	Irreparable complex DNA double-strand breaks induce chromosome breakage in organotypic three-dimensional human lung epithelial cell culture. <i>Nucleic Acids Research</i> , 2011, 39, 5474-5488.	14.5	40
147	Telomere G-Overhang Length Measurement Method 1: The DSN Method. <i>Methods in Molecular Biology</i> , 2011, 735, 47-54.	0.9	10
148	Evidence for self-renewing lung cancer stem cells and their implications in tumor initiation, progression, and targeted therapy. <i>Cancer and Metastasis Reviews</i> , 2010, 29, 61-72.	5.9	154
149	Telomeres and telomerase in normal and cancer stem cells. <i>FEBS Letters</i> , 2010, 584, 3819-3825.	2.8	197
150	Telomere biology in Metazoa. <i>FEBS Letters</i> , 2010, 584, 3741-3751.	2.8	156
151	The effects of telomerase inhibition on prostate tumor-initiating cells. <i>International Journal of Cancer</i> , 2010, 127, 321-331.	5.1	64
152	Aldehyde Dehydrogenase Activity Selects for Lung Adenocarcinoma Stem Cells Dependent on Notch Signaling. <i>Cancer Research</i> , 2010, 70, 9937-9948.	0.9	357
153	The Telomerase Antagonist, Imetelstat, Efficiently Targets Glioblastoma Tumor-Initiating Cells Leading to Decreased Proliferation and Tumor Growth. <i>Clinical Cancer Research</i> , 2010, 16, 154-163.	7.0	197
154	Telomerase as a Target for Cancer Therapeutics. , 2010, , 231-249.		2
155	Immortalized Epithelial Cells Derived From Human Colon Biopsies Express Stem Cell Markers and Differentiate In Vitro. <i>Gastroenterology</i> , 2010, 138, 1012-1021.e5.	1.3	148
156	The Telomerase Inhibitor Imetelstat Depletes Cancer Stem Cells in Breast and Pancreatic Cancer Cell Lines. <i>Cancer Research</i> , 2010, 70, 9494-9504.	0.9	121
157	CDDO-Me Protects against Space Radiation-Induced Transformation of Human Colon Epithelial Cells. <i>Radiation Research</i> , 2010, 174, 27.	1.5	32
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