

Dawei Xu

List of Publications by Year in descending order

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109321

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94
docs citations

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times ranked

5585
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#	ARTICLE	IF	CITATIONS
1	Mechanisms underlying the activation of TERT transcription and telomerase activity in human cancer: old actors and new players. <i>Oncogene</i> , 2019, 38, 6172-6183.	5.9	271
2	Downregulation of telomerase reverse transcriptase mRNA expression by wild type p53 in human tumor cells. <i>Oncogene</i> , 2000, 19, 5123-5133.	5.9	235
3	Real-Time Quantitative Telomeric Repeat Amplification Protocol Assay for the Detection of Telomerase Activity ² . <i>Clinical Chemistry</i> , 2001, 47, 519-524.	3.2	154
4	The Histone Demethylase RBP2 Is Overexpressed in Gastric Cancer and Its Inhibition Triggers Senescence of Cancer Cells. <i>Gastroenterology</i> , 2010, 138, 981-992.	1.3	150
5	CIP2A Is Overexpressed in Gastric Cancer and Its Depletion Leads to Impaired Clonogenicity, Senescence, or Differentiation of Tumor Cells. <i>Clinical Cancer Research</i> , 2008, 14, 3722-3728.	7.0	131
6	WNT/ β -Catenin Directs Self-Renewal Symmetric Cell Division of hTERT ^{high} Prostate Cancer Stem Cells. <i>Cancer Research</i> , 2017, 77, 2534-2547.	0.9	124
7	The Histone Deacetylase Inhibitor Trichostatin A Derepresses the Telomerase Reverse Transcriptase (hTERT) Gene in Human Cells. <i>Experimental Cell Research</i> , 2002, 274, 25-34.	2.6	113
8	Cancer-Specific Telomerase Reverse Transcriptase (TERT) Promoter Mutations: Biological and Clinical Implications. <i>Genes</i> , 2016, 7, 38.	2.4	112
9	The Telomerase Reverse Transcriptase (hTERT) Gene Is a Direct Target of the Histone Methyltransferase SMYD3. <i>Cancer Research</i> , 2007, 67, 2626-2631.	0.9	109
10	Activation of Telomerase by Human Cytomegalovirus. <i>Journal of the National Cancer Institute</i> , 2009, 101, 488-497.	6.3	109
11	<i>FoxM1</i> is upregulated in gastric cancer and its inhibition leads to cellular senescence, partially dependent on p27 ^{kip1} . <i>Journal of Pathology</i> , 2009, 218, 419-427.	4.5	100
12	Telomerase activity and the expression of telomerase components in acute myelogenous leukaemia. <i>British Journal of Haematology</i> , 1998, 102, 1367-1375.	2.5	93
13	<i>TERT</i> promoter mutation as an early genetic event activating telomerase in follicular thyroid adenoma (FTA) and atypical FTA. <i>Cancer</i> , 2014, 120, 2965-2979.	4.1	93
14	Platelet releasate promotes breast cancer growth and angiogenesis via VEGF-integrin cooperative signalling. <i>British Journal of Cancer</i> , 2017, 117, 695-703.	6.4	87
15	Molecular characterization of human telomerase reverse transcriptase-immortalized human fibroblasts by gene expression profiling: activation of the epiregulin gene. <i>Cancer Research</i> , 2003, 63, 1743-7.	0.9	78
16	SMYD3 as an Oncogenic Driver in Prostate Cancer by Stimulation of Androgen Receptor Transcription. <i>Journal of the National Cancer Institute</i> , 2013, 105, 1719-1728.	6.3	70
17	Histone demethylase JMJD2B is required for tumor cell proliferation and survival and is overexpressed in gastric cancer. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 372-378.	2.1	69
18	Deletion of the Telomerase Reverse Transcriptase Gene and Haploinsufficiency of Telomere Maintenance in Cri du Chat Syndrome. <i>American Journal of Human Genetics</i> , 2003, 72, 940-948.	6.2	65

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19	The activating TERT promoter mutation C228T is recurrent in subsets of adrenal tumors. <i>Endocrine-Related Cancer</i> , 2014, 21, 427-434.	3.1	65
20	TERT promoter mutations are associated with distant metastases in upper tract urothelial carcinomas and serve as urinary biomarkers detected by a sensitive castPCR. <i>Oncotarget</i> , 2014, 5, 12428-12439.	1.8	58
21	TERT promoter mutations in renal cell carcinomas and upper tract urothelial carcinomas. <i>Oncotarget</i> , 2014, 5, 1829-1836.	1.8	57
22	Mitogen-Activated Protein Kinase Cascade-Mediated Histone H3 Phosphorylation Is Critical for Telomerase Reverse Transcriptase Expression/Telomerase Activation Induced by Proliferation. <i>Molecular and Cellular Biology</i> , 2006, 26, 230-237.	2.3	56
23	Telomere dysfunction induced by chemotherapeutic agents and radiation in normal human cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1531-1540.	2.8	56
24	Chromatin remodeling: recruitment of histone demethylase RBP2 by Mad1 for transcriptional repression of a Myc target gene, telomerase reverse transcriptase. <i>FASEB Journal</i> , 2010, 24, 579-586.	0.5	50
25	TERT promoter mutations and gene amplification: Promoting TERT expression in Merkel cell carcinoma. <i>Oncotarget</i> , 2014, 5, 10048-10057.	1.8	49
26	Amplification of the telomerase reverse transcriptase (hTERT) gene in cervical carcinomas. <i>Genes Chromosomes and Cancer</i> , 2002, 34, 269-275.	2.8	46
27	Differential Expression of Full-length Telomerase Reverse Transcriptase mRNA and Telomerase Activity between Normal and Malignant Renal Tissues. <i>Clinical Cancer Research</i> , 2005, 11, 4331-4337.	7.0	46
28	Telomere attrition predominantly occurs in precursor lesions during in vivo carcinogenic process of the uterine cervix. <i>Oncogene</i> , 2004, 23, 7441-7447.	5.9	45
29	Reptin is required for the transcription of telomerase reverse transcriptase and over-expressed in gastric cancer. <i>Molecular Cancer</i> , 2010, 9, 132.	19.2	44
30	Telomerase reverse transcriptase regulates DNMT3B expression/aberrant DNA methylation phenotype and AKT activation in hepatocellular carcinoma. <i>Cancer Letters</i> , 2018, 434, 33-41.	7.2	44
31	GABPA inhibits invasion/metastasis in papillary thyroid carcinoma by regulating DICER1 expression. <i>Oncogene</i> , 2019, 38, 965-979.	5.9	42
32	Telomerase Reverse Transcriptase (TERT) in Action: Cross-Talking with Epigenetics. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3338.	4.1	41
33	Telomere-related Markers for Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 410-432.	2.1	40
34	Immature dendritic cells kill ovarian carcinoma cells by a FAS/FASL pathway, enabling them to sensitize tumor-specific CTLs. <i>International Journal of Cancer</i> , 2001, 94, 407-413.	5.1	39
35	Telomerase as a "stemness" enzyme. <i>Science China Life Sciences</i> , 2014, 57, 564-570.	4.9	38
36	Genetic and epigenetic background and protein expression profiles in relation to telomerase activation in medullary thyroid carcinoma. <i>Oncotarget</i> , 2016, 7, 21332-21346.	1.8	37

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37	The Opposing Effect of Hypoxia-Inducible Factor-2 β on Expression of Telomerase Reverse Transcriptase. <i>Molecular Cancer Research</i> , 2007, 5, 793-800.	3.4	36
38	GABPA is a master regulator of luminal identity and restrains aggressive diseases in bladder cancer. <i>Cell Death and Differentiation</i> , 2020, 27, 1862-1877.	11.2	35
39	Telomerase-Dependent and Independent Telomere Maintenance and its Clinical Implications in Medullary Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1571-E1579.	3.6	34
40	The TERT promoter mutation incidence is modified by germline TERT rs2736098 and rs2736100 polymorphisms in hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 23120-23129.	1.8	34
41	The DNA methylation inhibitor induces telomere dysfunction and apoptosis of leukemia cells that is attenuated by telomerase over-expression. <i>Oncotarget</i> , 2015, 6, 4888-4900.	1.8	31
42	TERT promoter mutations and GABP transcription factors in carcinogenesis: More foes than friends. <i>Cancer Letters</i> , 2020, 493, 1-9.	7.2	30
43	Lysine-Specific Demethylase 1 (LSD1) Is Required for the Transcriptional Repression of the Telomerase Reverse Transcriptase (hTERT) Gene. <i>PLoS ONE</i> , 2008, 3, e1446.	2.5	28
44	TERT Promoter Mutations and TERT mRNA but Not <i>FGFR3</i> Mutations Are Urinary Biomarkers in Han Chinese Patients With Urothelial Bladder Cancer. <i>Oncologist</i> , 2015, 20, 263-269.	3.7	28
45	TERT rs2736100 genotypes are associated with differential risk of myeloproliferative neoplasms in Swedish and Chinese male patient populations. <i>Annals of Hematology</i> , 2016, 95, 1825-1832.	1.8	26
46	Longitudinal changes in leukocyte telomere length and mortality in elderly Swedish men. <i>Aging</i> , 2018, 10, 3005-3016.	3.1	25
47	Expression of the full-length telomerase reverse transcriptase (hTERT) transcript in both malignant and normal gastric tissues. <i>Cancer Letters</i> , 2008, 260, 28-36.	7.2	24
48	ASF1a inhibition induces p53-dependent growth arrest and senescence of cancer cells. <i>Cell Death and Disease</i> , 2019, 10, 76.	6.3	24
49	Human normal T lymphocytes and lymphoid cell lines do express alternative splicing variants of human telomerase reverse transcriptase (hTERT) mRNA. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 999-1003.	2.1	23
50	VHL-HIF-2 β axis-induced SMYD3 upregulation drives renal cell carcinoma progression via direct trans-activation of EGFR. <i>Oncogene</i> , 2020, 39, 4286-4298.	5.9	23
51	Differential shortening rate of telomere length in the development of human fetus. <i>Biochemical and Biophysical Research Communications</i> , 2013, 442, 112-115.	2.1	21
52	Histone Chaperone ASF1A Predicts Poor Outcomes for Patients With Gastrointestinal Cancer and Drives Cancer Progression by Stimulating Transcription of β -Catenin Target Genes. <i>EBioMedicine</i> , 2017, 21, 104-116.	6.1	21
53	Bortezomib-mediated down-regulation of telomerase and disruption of telomere homeostasis contributes to apoptosis of malignant cells. <i>Oncotarget</i> , 2015, 6, 38079-38092.	1.8	21
54	MYC-dependent downregulation of telomerase by FLT3 inhibitors is required for their therapeutic efficacy on acute myeloid leukemia. <i>Annals of Hematology</i> , 2018, 97, 63-72.	1.8	19

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55	Interleukin-4-Mediated 15-Lipoxygenase-1 Trans-Activation Requires UTX Recruitment and H3K27me3 Demethylation at the Promoter in A549 Cells. <i>PLoS ONE</i> , 2014, 9, e85085.	2.5	19
56	High expression of SMYD3 indicates poor survival outcome and promotes tumour progression through an IGF-1R/AKT/E2F-1 positive feedback loop in bladder cancer. <i>Aging</i> , 2020, 12, 2030-2048.	3.1	17
57	Premature senescence of T cells in long-term survivors of renal transplantation. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 599-604.	2.1	16
58	Polyphyllin I induces cell cycle arrest in prostate cancer cells via the upregulation of IL6 and P21 expression. <i>Medicine (United States)</i> , 2019, 98, e17743.	1.0	16
59	PLEKHS1 Over-Expression is Associated with Metastases and Poor Outcomes in Papillary Thyroid Carcinoma. <i>Cancers</i> , 2020, 12, 2133.	3.7	16
60	The genetic difference between Western and Chinese urothelial cell carcinomas: infrequent <i>FGFR3</i> mutation in Han Chinese patients. <i>Oncotarget</i> , 2016, 7, 25826-25835.	1.8	16
61	<i>TERT</i> Promoter Hypermethylation in Gastrointestinal Cancer: A Potential Stool Biomarker. <i>Oncologist</i> , 2017, 22, 1178-1188.	3.7	15
62	Anti-Cancer Effects of Paris Polyphylla Ethanol Extract by Inducing Cancer Cell Apoptosis and Cycle Arrest in Prostate Cancer Cells. <i>Current Urology</i> , 2018, 11, 144-150.	0.6	15
63	The TERT locus genotypes of rs2736100-CC/CA and rs2736098-AA predict shorter survival in renal cell carcinoma. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2019, 37, 301.e1-301.e10.	1.6	15
64	The association between the TERT rs2736100 AC genotype and reduced risk of upper tract urothelial carcinomas in a Han Chinese population. <i>Oncotarget</i> , 2016, 7, 31972-31979.	1.8	14
65	Paris Polyphylla -Derived Saponins Inhibit Growth of Bladder Cancer Cells by Inducing Mutant P53 Degradation While Up-Regulating CDKN1A Expression. <i>Current Urology</i> , 2018, 11, 131-138.	0.6	14
66	Activation of telomerase by seminal plasma in malignant and normal cervical epithelial cells. <i>Journal of Pathology</i> , 2011, 225, 203-211.	4.5	12
67	Human 15-lipoxygenase-1 is a regulator of dendritic cell spreading and podosome formation. <i>FASEB Journal</i> , 2017, 31, 491-504.	0.5	12
68	Ectopic hTERT expression facilitates reprogramming of fibroblasts derived from patients with Werner syndrome as a WS cellular model. <i>Cell Death and Disease</i> , 2018, 9, 923.	6.3	12
69	The telomerase gene polymorphisms, but not telomere length, increase susceptibility to primary glomerulonephritis/end stage renal diseases in females. <i>Journal of Translational Medicine</i> , 2020, 18, 184.	4.4	12
70	STAT1 transcriptionally regulates the expression of S1PR1 by binding its promoter region. <i>Gene</i> , 2020, 736, 144417.	2.2	12
71	The absence of TERT promoter mutations in primary gastric cancer. <i>Gene</i> , 2014, 540, 266-267.	2.2	11
72	Regulatory region mutations of <i>TERT</i> , <i>PLEKHS1</i> and <i>GPR126</i> genes as urinary biomarkers in upper tract urothelial carcinomas. <i>Journal of Cancer</i> , 2021, 12, 3853-3861.	2.5	11

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73	Association Between the Telomerase rs2736098_TT Genotype and a Lower Risk of Chronic Hepatitis B and Cirrhosis in Chinese Males. <i>Clinical and Translational Gastroenterology</i> , 2017, 8, e79.	2.5	10
74	Telomerase reverse transcriptase promoter mutations in thyroid carcinomas: implications in precision oncology—a narrative review. <i>Annals of Translational Medicine</i> , 2020, 8, 1244-1244.	1.7	10
75	Intraclonal Heterogeneity in the In Vitro Daunorubicin-Induced Apoptosis in Acute Myeloid Leukemia. <i>Leukemia and Lymphoma</i> , 1999, 32, 309-316.	1.3	9
76	Dysregulation of shelterin factors coupled with telomere shortening in Philadelphia chromosome negative myeloproliferative neoplasms. <i>Haematologica</i> , 2015, 100, e402-e405.	3.5	9
77	GABPA-activated TGFBR2 transcription inhibits aggressiveness but is epigenetically erased by oncometabolites in renal cell carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 173.	8.6	9
78	Intrinsic 5-lipoxygenase activity regulates migration and adherence of mantle cell lymphoma cells. <i>Prostaglandins and Other Lipid Mediators</i> , 2021, 156, 106575.	1.9	7
79	Synergistic effects of telomerase reverse transcriptase and regulator of telomere elongation helicase 1 on aggressiveness and outcomes in adrenocortical carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112796.	5.6	7
80	Shorter Leukocyte Telomere Length coupled with lower expression of Telomerase Genes in patients with Essential Hypertension. <i>International Journal of Medical Sciences</i> , 2020, 17, 2180-2186.	2.5	6
81	JAK2 inhibition in JAK2V617F-bearing leukemia cells enriches CD34+ leukemic stem cells that are abolished by the telomerase inhibitor GRN163L. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 425-431.	2.1	6
82	DNA Methylation Age Drift Is Associated with Poor Outcomes and De-Differentiation in Papillary and Follicular Thyroid Carcinomas. <i>Cancers</i> , 2021, 13, 4827.	3.7	6
83	Early growth response gene (EGR)-1 regulates leukotriene D4-induced cytokine transcription in Hodgkin lymphoma cells. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 121, 122-130.	1.9	5
84	Downregulation and Hypermethylation of GABPB1 Is Associated with Aggressive Thyroid Cancer Features. <i>Cancers</i> , 2022, 14, 1385.	3.7	5
85	Promoter Polymorphism in the Serotonin Transporter (5-HTT) Gene Is Significantly Associated with Leukocyte Telomere Length in Han Chinese. <i>PLoS ONE</i> , 2014, 9, e94442.	2.5	4
86	Telomerase activation in small intestinal neuroendocrine tumours is associated with aberrant TERT promoter methylation, but not hot-spot mutations. <i>Epigenetics</i> , 2019, 14, 1224-1233.	2.7	4
87	Paris polyphylla ethanol extract induces G2/M arrest and suppresses migration and invasion in bladder cancer. <i>Translational Cancer Research</i> , 2020, 9, 5994-6004.	1.0	3
88	The association of telomere maintenance and TERT expression with susceptibility to human papillomavirus infection in cervical epithelium. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 110.	5.4	3
89	Hodgkin Lymphoma Monozygotic Triplets Reveal Divergences in DNA Methylation Signatures. <i>Frontiers in Oncology</i> , 2020, 10, 598872.	2.8	1
90	Inhibition of Signal Transducer and Activator of Transcription 6 Activity in the Hodgkin Lymphoma Cell Line L1236 Induces Growth Inhibition and Apoptosis. <i>Blood</i> , 2006, 108, 4593-4593.	1.4	0

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91	Novel Findings Support a Patophysiological Role of the Arachidonic Cascade in Hodgkin Lymphoma.. Blood, 2007, 110, 2269-2269.	1.4	0
92	Proteomic profiling identified multiple short-lived members of the central proteome as the direct targets of the addicted oncogenes in cancer cells (LB179). FASEB Journal, 2014, 28, LB179.	0.5	0
93	Patients with benign prostatic hyperplasia show shorter leukocyte telomere length but no association with telomerase gene polymorphisms in Han Chinese males. International Journal of Clinical and Experimental Pathology, 2020, 13, 2123-2129.	0.5	0