Shu-Chun Teng

List of Publications by Year
in descending order

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Version: 2024-02-01

68 papers	5,127 citations	136950 32 h-index	98798 67 g-index
71 all docs	71 docs citations	71 times ranked	6684 citing authors

#	Article	IF	Citations
1	Direct regulation of TWIST by HIF-1Î± promotes metastasis. Nature Cell Biology, 2008, 10, 295-305.	10.3	1,187
2	Telomere-Telomere Recombination Is an Efficient Bypass Pathway for Telomere Maintenance in Saccharomyces cerevisiae. Molecular and Cellular Biology, 1999, 19, 8083-8093.	2.3	428
3	Est1p As a Cell Cycle-Regulated Activator of Telomere-Bound Telomerase. Science, 2002, 297, 1023-1026.	12.6	323
4	Telomerase-Independent Lengthening of Yeast Telomeres Occurs by an Abrupt Rad50p-Dependent, Rif-Inhibited Recombinational Process. Molecular Cell, 2000, 6, 947-952.	9.7	248
5	Retrotransposon reverse-transcriptase-mediated repair of chromosomal breaks. Nature, 1996, 383, 641-644.	27.8	243
6	Interplay between HDAC3 and WDR5 Is Essential for Hypoxia-Induced Epithelial-Mesenchymal Transition. Molecular Cell, 2011, 43, 811-822.	9.7	233
7	Pif1p Helicase, a Catalytic Inhibitor of Telomerase in Yeast. Science, 2000, 289, 771-774.	12.6	216
8	Epigenetic reprogramming and post-transcriptional regulation during the epithelialâ€“mesenchymal transition. Trends in Genetics, 2012, 28, 454-463.	6.7	140
9	Overexpression of NBS1 induces epithelialâ€“mesenchymal transition and co-expression of NBS1 and Snail predicts metastasis of head and neck cancer. Oncogene, 2007, 26, 1459-1467.	5.9	138
10	Epstein-Barr Virus BGLF4 Kinase Suppresses the Interferon Regulatory Factor 3 Signaling Pathway. Journal of Virology, 2009, 83, 1856-1869.	3.4	130
11	TET1 regulates hypoxia-induced epithelial-mesenchymal transition by acting as a co-activator. Genome Biology, 2014, 15, 513.	8.8	125
12	The telomerase-recruitment domain of the telomere binding protein Cdc13 is regulated by Mec1p/Tel1p-dependent phosphorylation. Nucleic Acids Research, 2006, 34, 6327-6336.	14.5	106
13	Interaction between HSP60 and Î²-catenin promotes metastasis. Carcinogenesis, 2009, 30, 1049-1057.	2.8	99
14	K63-polyubiquitinated HAUSP deubiquitinates HIF-1Î± and dictates H3K56 acetylation promoting hypoxia-induced tumour progression. Nature Communications, 2016, 7, 13644.	12.8	99
15	Importin KPNA2 Is Required for Proper Nuclear Localization and Multiple Functions of NBS1. Journal of Biological Chemistry, 2005, 280, 39594-39600.	3.4	86
16	Sumoylation of the BLM ortholog, Sgs1, promotes telomereâ€“telomere recombination in budding yeast. Nucleic Acids Research, 2010, 38, 488-498.	14.5	86
17	Twist1 induces endothelial differentiation of tumour cells through the Jagged1-KLF4 axis. Nature Communications, 2014, 5, 4697.	12.8	74
18	Increased NBS1 Expression Is a Marker of Aggressive Head and Neck Cancer and Overexpression of NBS1 Contributes to Transformation. Clinical Cancer Research, 2006, 12, 507-515.	7.0	73

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19	KrÃ¼ppel-Like Transcription Factor 4 Contributes to Maintenance of Telomerase Activity in Stem Cells. Stem Cells, 2010, 28, 1510-1517.	3.2	71
20	c-Myc Directly Regulates the Transcription of the NBS1 Gene Involved in DNA Double-strand Break Repair. Journal of Biological Chemistry, 2003, 278, 19286-19291.	3.4	70
21	Overexpression of NBS1 Contributes to Transformation through the Activation of Phosphatidylinositol 3-Kinase/Akt. Journal of Biological Chemistry, 2005, 280, 32505-32511.	3.4	59
22	Direct Activation of HSP90A Transcription by c-Myc Contributes to c-Myc-induced Transformation. Journal of Biological Chemistry, 2004, 279, 14649-14655.	3.4	54
23	Involvement of Replicative Polymerases, Tel1p, Mec1p, Cdc13p, and the Ku Complex in Telomere-Telomere Recombination. Molecular and Cellular Biology, 2002, 22, 5679-5687.	2.3	52
24	SMYD3-Mediated H2A.Z.1 Methylation Promotes Cell Cycle and Cancer Proliferation. Cancer Research, 2016, 76, 6043-6053.	0.9	48
25	Importin KPNA2, NBS1, DNA Repair and Tumorigenesis. Journal of Molecular Histology, 2006, 37, 293-299.	2.2	47
26	Cellular Protein HAX1 Interacts with the Influenza A Virus PA Polymerase Subunit and Impedes Its Nuclear Translocation. Journal of Virology, 2013, 87, 110-123.	3.4	45
27	miR-1236 regulates hypoxia-induced epithelialâ€“mesenchymal transition and cell migration/invasion through repressing SENP1 and HDAC3. Cancer Letters, 2016, 378, 59-67.	7.2	44
28	Extrachromosomal Telomeric Circles Contribute to Rad52-, Rad50-, and Polymerase Î´-Mediated Telomere-Telomere Recombination in Saccharomyces cerevisiae. Eukaryotic Cell, 2005, 4, 327-336.	3.4	42
29	PARP1 controls KLF4-mediated telomerase expression in stem cells and cancer cells. Nucleic Acids Research, 2017, 45, 10492-10503.	14.5	42
30	Involvement of Topoisomerase III in Telomere-Telomere Recombination. Journal of Biological Chemistry, 2006, 281, 13717-13723.	3.4	40
31	Rapid Cdc13 turnover and telomere length homeostasis are controlled by Cdk1-mediated phosphorylation of Cdc13. Nucleic Acids Research, 2009, 37, 3602-3611.	14.5	35
32	Direct regulation of HSP60 expression by câ€MYC induces transformation. FEBS Letters, 2008, 582, 4083-4088.	2.8	33
33	Inhibition of estradiol-induced mammary proliferation by dibenzoylmethane through the E 2 â€“ERâ€“ERE-dependent pathway. Carcinogenesis, 2005, 27, 131-136.	2.8	30
34	Yeast Cip1 is activated by environmental stress to inhibit Cdk1â€“G1 cyclins via Mcm1 and Msn2/4. Nature Communications, 2017, 8, 56.	12.8	30
35	Global Analysis of Cdc14 Dephosphorylation Sites Reveals Essential Regulatory Role in Mitosis and Cytokinesis. Molecular and Cellular Proteomics, 2014, 13, 594-605.	3.8	25
36	PP2A and Aurora differentially modify Cdc13 to promote telomerase release from telomeres at G2/M phase. Nature Communications, 2014, 5, 5312.	12.8	24

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37	A new non-LTR retrotransposon porvides evidence for multiple distinct site-specific elements inCrithidia faciculataminiexon arrays. Nucleic Acids Research, 1995, 23, 2929-2936.	14.5	23
38	Proofreading Activity of DNA Polymerase Pol2 Mediates 3â€²-End Processing during Nonhomologous End Joining in Yeast. PLoS Genetics, 2008, 4, e1000060.	3.5	23
39	SMYD3 Promotes Homologous Recombination via Regulation of H3K4-mediated Gene Expression. Scientific Reports, 2017, 7, 3842.	3.3	23
40	Activation of phosphoinositide 3-kinase by the NBS1 DNA repair protein through a novel activation motif. Journal of Molecular Medicine, 2008, 86, 401-412.	3.9	22
41	Determination of the differential estrogenicity of isoflavonoids by E2â€“ERâ€“ERE-dependent gene expression in recombinant yeast and MCF-7 human breast cancer cells. Food Chemistry, 2008, 108, 719-726.	8.2	17
42	Induction of Global Stress Response in Saccharomyces cerevisiae Cells Lacking Telomerase. Biochemical and Biophysical Research Communications, 2002, 291, 714-721.	2.1	16
43	Glucose intake hampers PKA-regulated HSP90 chaperone activity. ELife, 2018, 7, .	6.0	16
44	Phosphorylation of Telomeric Repeat Binding Factor 1 (TRF1) by Akt Causes Telomere Shortening. Cancer Investigation, 2009, 27, 24-28.	1.3	13
45	Acquisition of tumorigenic potential and enhancement of angiogenesis in pulmonary stem/progenitor cells through Oct-4 hyperexpression. Oncotarget, 2016, 7, 13917-13931.	1.8	13
46	Intragenic transcription of a noncoding RNA modulates expression of ASP3 in budding yeast. Rna, 2010, 16, 2085-2093.	3.5	12
47	Stress-induced p53 drives BAG5 cochaperone expression to control α-synuclein aggregation in Parkinson's disease. Aging, 2020, 12, 20702-20727.	3.1	12
48	Recruitment of Rad51 and Rad52 to Short Telomeres Triggers a Mec1-Mediated Hypersensitivity to Double-Stranded DNA Breaks in Senescent Budding Yeast. PLoS ONE, 2009, 4, e8224.	2.5	10
49	Interaction between NBS1 and the mTOR/Rictor/SIN1 Complex through Specific Domains. PLoS ONE, 2013, 8, e65586.	2.5	10
50	DNA Topoisomerase III Alpha Regulates p53-Mediated Tumor Suppression. Clinical Cancer Research, 2014, 20, 1489-1501.	7.0	10
51	Nijmegen breakage syndrome protein 1 (NBS1) modulates hypoxia inducible factor-1Î± (HIF-1Î±) stability and promotes in vitro migration and invasion under ionizing radiation. International Journal of Biochemistry and Cell Biology, 2015, 64, 229-238.	2.8	10
52	Topoisomerase II inhibition suppresses the proliferation of telomerase-negative cancers. Cellular and Molecular Life Sciences, 2015, 72, 1825-1837.	5.4	10
53	Telomere shortening triggers a feedback loop to enhance end protection. Nucleic Acids Research, 2017, 45, 8314-8328.	14.5	10
54	Instability of Succinate Dehydrogenase in SDHD Polymorphism Connects Reactive Oxygen Species Production to Nuclear and Mitochondrial Genomic Mutations in Yeast. Antioxidants and Redox Signaling, 2015, 22, 587-602.	5.4	9

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55	Nuclear envelope tethering inhibits the formation of ALT-associated PML bodies in ALT cells. Aging, 2021, 13, 10490-10516.	3.1	8
56	Clinical and functional characterization of a novel STUB1 frameshift mutation in autosomal dominant spinocerebellar ataxia type 48 (SCA48). Journal of Biomedical Science, 2021, 28, 65.	7.0	6
57	Direct interaction between Utp8p and Utp9p contributes to rRNA processing in budding yeast. Biochemical and Biophysical Research Communications, 2010, 393, 297-302.	2.1	5
58	Genistein suppresses the proliferation of telomeraseâ€negative cells. Food Science and Nutrition, 2017, 5, 197-204.	3.4	5
59	A Clinicopathological Study of Cytomegalovirus Lymphadenitis and Tonsillitis and Their Association with Epsteinâ€“Barr Virus. Infectious Diseases and Therapy, 2021, 10, 2661-2675.	4.0	4
60	Selected ellipticine derivatives, known to target topoisomerase II, suppress the alternative lengthening of telomere (ALT) pathway in telomeraseâ€“negative cells. Journal of Cancer Research and Clinical Oncology, 2020, 146, 1671-1676.	2.5	3
61	An HSP90 cochaperone Ids2 maintains the stability of mitochondrial DNA and ATP synthase. BMC Biology, 2021, 19, 242.	3.8	3
62	DNA repair by recycling reverse transcripts. Nature, 1997, 386, 32-32.	27.8	2
63	Telomere configuration influences the choice of telomere maintenance pathways. Biochemical and Biophysical Research Communications, 2006, 343, 459-466.	2.1	2
64	Bone Marrow Histology in Hemophagocytic Lymphohistiocytosis. Archives of Pathology and Laboratory Medicine, 2023, 147, 348-358.	2.5	2
65	DNA repair by recycling reverse transcripts. Nature, 1997, 386, 31-32.	27.8	1
66	ShyA, a membrane protein for proper septation of hyphae in Streptomyces. Biochemical and Biophysical Research Communications, 2006, 343, 369-377.	2.1	1
67	An HSP90 Cochaperone Ids2 Maintains the Stability of Mitochondrial DNA and ATP Synthase. SSRN Electronic Journal, 0, , .	0.4	0
68	c-Myc directly regulates the transcription of the NBS1 gene involved in DNA double-strand break repair. Vol. 278 (2003) 19286-19291. Journal of Biological Chemistry, 2004, 279, 16894.	3.4	0