

Damu Tang

List of Publications by Year in descending order

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129
papers

5,967
citations

71102

41
h-index

79698

73
g-index

130
all docs

130
docs citations

130
times ranked

8430
citing authors

#	ARTICLE	IF	CITATIONS
1	The molecular basis of viral oncolysis: usurpation of the Ras signaling pathway by reovirus. <i>EMBO Journal</i> , 1998, 17, 3351-3362.	7.8	470
2	ERK Activation Mediates Cell Cycle Arrest and Apoptosis after DNA Damage Independently of p53. <i>Journal of Biological Chemistry</i> , 2002, 277, 12710-12717.	3.4	381
3	An Isoform of the Neuronal Cyclin-dependent Kinase 5 (Cdk5) Activator. <i>Journal of Biological Chemistry</i> , 1995, 270, 26897-26903.	3.4	306
4	PKM2 contributes to cancer metabolism. <i>Cancer Letters</i> , 2015, 356, 184-191.	7.2	275
5	Caspase-8 Activation and Bid Cleavage Contribute to MCF7 Cellular Execution in a Caspase-3-dependent Manner during Staurosporine-mediated Apoptosis. <i>Journal of Biological Chemistry</i> , 2000, 275, 9303-9307.	3.4	219
6	TDAG51 Is Induced by Homocysteine, Promotes Detachment-mediated Programmed Cell Death, and Contributes to the Development of Atherosclerosis in Hyperhomocysteinemia. <i>Journal of Biological Chemistry</i> , 2003, 278, 30317-30327.	3.4	203
7	PKM2, a Central Point of Regulation in Cancer Metabolism. <i>International Journal of Cell Biology</i> , 2013, 2013, 1-11.	2.5	188
8	Endoplasmic reticulum stress causes the activation of sterol regulatory element binding protein-2. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 1843-1851.	2.8	163
9	Flux Through the Hexosamine Pathway Is a Determinant of Nuclear Factor κ B-Dependent Promoter Activation. <i>Diabetes</i> , 2002, 51, 1146-1156.	0.6	145
10	Cleavage of DFF-45/ICAD by Multiple Caspases Is Essential for Its Function during Apoptosis. <i>Journal of Biological Chemistry</i> , 1998, 273, 28549-28552.	3.4	143
11	Cycloheximide-induced T-cell Death Is Mediated by a Fas-associated Death Domain-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 1999, 274, 7245-7252.	3.4	122
12	Apoptotic Release of Histones from Nucleosomes. <i>Journal of Biological Chemistry</i> , 2002, 277, 12001-12008.	3.4	109
13	Regulation of the Tumor Suppressor PTEN through Exosomes: A Diagnostic Potential for Prostate Cancer. <i>PLoS ONE</i> , 2013, 8, e70047.	2.5	106
14	Evidence That the Epidermal Growth Factor Receptor on Host Cells Confers Reovirus Infection Efficiency. <i>Virology</i> , 1993, 197, 405-411.	2.4	105
15	Characterization of sphere-propagating cells with stem-like properties from DU145 prostate cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 683-694.	4.1	97
16	Shank-interacting protein α like 1 promotes tumorigenesis via PTEN inhibition in human tumor cells. <i>Journal of Clinical Investigation</i> , 2010, 120, 2094-2108.	8.2	92
17	Akt Is Activated in Response to an Apoptotic Signal. <i>Journal of Biological Chemistry</i> , 2001, 276, 30461-30466.	3.4	89
18	Interaction of Cyclin-dependent Kinase 5 (Cdk5) and Neuronal Cdk5 Activator in Bovine Brain. <i>Journal of Biological Chemistry</i> , 1996, 271, 1538-1543.	3.4	87

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19	Targeting stromal-induced pyruvate kinase M2 nuclear translocation impairs OXPHOS and prostate cancer metastatic spread. <i>Oncotarget</i> , 2015, 6, 24061-24074.	1.8	84
20	Cyclin-dependent Kinase 5 (Cdk5) Activation Domain of Neuronal Cdk5 Activator. <i>Journal of Biological Chemistry</i> , 1997, 272, 12318-12327.	3.4	81
21	The Contributions of Prostate Cancer Stem Cells in Prostate Cancer Initiation and Metastasis. <i>Cancers</i> , 2019, 11, 434.	3.7	74
22	SOX2 plays a critical role in EGFR-mediated self-renewal of human prostate cancer stem-like cells. <i>Cellular Signalling</i> , 2013, 25, 2734-2742.	3.6	73
23	Nitric Oxide Inhibits Stretch-Induced MAPK Activation in Mesangial Cells Through RhoA Inactivation. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 2790-2800.	6.1	70
24	Cyclin-dependent kinase 5 (Cdk5) and neuron-specific Cdk5 activators. , 1996, 2, 205-216.		68
25	Aldehyde dehydrogenase 3A1 associates with prostate tumorigenesis. <i>British Journal of Cancer</i> , 2014, 110, 2593-2603.	6.4	65
26	Contributions of DNA Damage to Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1666.	4.1	60
27	Both ERK1 and ERK2 kinases promote G2/M arrest in etoposide-treated MCF7 cells by facilitating ATM activation. <i>Cellular Signalling</i> , 2010, 22, 1783-1789.	3.6	59
28	Î±-Mannosidase 2C1 attenuates PTEN function in prostate cancer cells. <i>Nature Communications</i> , 2011, 2, 307.	12.8	56
29	Circulating Peroxiredoxin-1 is a novel damage-associated molecular pattern and aggravates acute liver injury via promoting inflammation. <i>Free Radical Biology and Medicine</i> , 2019, 137, 24-36.	2.9	55
30	The Central Contributions of Breast Cancer Stem Cells in Developing Resistance to Endocrine Therapy in Estrogen Receptor (ER)-Positive Breast Cancer. <i>Cancers</i> , 2019, 11, 1028.	3.7	54
31	Factors Promoting Tamoxifen Resistance in Breast Cancer via Stimulating Breast Cancer Stem Cell Expansion. <i>Current Medicinal Chemistry</i> , 2015, 22, 2360-2374.	2.4	54
32	Bmi1 promotes prostate tumorigenesis via inhibiting p16INK4A and p14ARF expression. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 642-648.	3.8	53
33	Extracellular Signal-Regulated Kinases Modulate DNA Damage Response - A Contributing Factor to Using MEK Inhibitors in Cancer Therapy. <i>Current Medicinal Chemistry</i> , 2011, 18, 5476-5482.	2.4	53
34	Oxidative stress contributes to vascular calcification in patients with chronic kidney disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 138, 256-268.	1.9	52
35	Prostate Cancer Stem-like Cells Contribute to the Development of Castration-Resistant Prostate Cancer. <i>Cancers</i> , 2015, 7, 2290-2308.	3.7	51
36	ERK activity facilitates activation of the S-phase DNA damage checkpoint by modulating ATR function. <i>Oncogene</i> , 2006, 25, 1153-1164.	5.9	50

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37	Phosphorylation of PITSLRE p110 Isoforms Accompanies Their Processing by Caspases during Fas-mediated Cell Death. <i>Journal of Biological Chemistry</i> , 1998, 273, 16601-16607.	3.4	49
38	Akt Mediates Mechanical Strain-Induced Collagen Production by Mesangial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 1661-1672.	6.1	49
39	Changes in the expression of novel Cdk5 activator messenger RNA (p39nck5ai mRNA) during rat brain development. <i>Neuroscience Research</i> , 1997, 28, 355-360.	1.9	48
40	IQGAP2, A candidate tumour suppressor of prostate tumorigenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 875-884.	3.8	48
41	PTEN inhibits BMI1 function independently of its phosphatase activity. <i>Molecular Cancer</i> , 2009, 8, 98.	19.2	44
42	Activation of mesangial cell MAPK in responseto homocysteine. <i>Kidney International</i> , 2004, 66, 733-745.	5.2	42
43	Neural Cell Adhesion Protein CNTN1 Promotes the Metastatic Progression of Prostate Cancer. <i>Cancer Research</i> , 2016, 76, 1603-1614.	0.9	40
44	ATM activity contributes to the tumor-suppressing functions of p14ARF. <i>Oncogene</i> , 2004, 23, 7355-7365.	5.9	39
45	Contactin-1 Reduces E-Cadherin Expression Via Activating AKT in Lung Cancer. <i>PLoS ONE</i> , 2013, 8, e65463.	2.5	39
46	Association of Neurofilament Proteins with Neuronal Cdk5 Activator. <i>Journal of Biological Chemistry</i> , 1998, 273, 2329-2335.	3.4	36
47	Changes in PKM2 Associate with Prostate Cancer Progression. <i>Cancer Investigation</i> , 2014, 32, 330-338.	1.3	36
48	ATM activation is accompanied with earlier stages of prostate tumorigenesis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1090-1097.	4.1	33
49	A Novel Aspect of Tumorigenesisâ€”BMI1 Functions in Regulating DNA Damage Response. <i>Biomolecules</i> , 2015, 5, 3396-3415.	4.0	33
50	Neuronal Cdc2-like kinase: from cell cycle to neuronal function. <i>Biochemistry and Cell Biology</i> , 1996, 74, 419-429.	2.0	32
51	Elevation of SIPL1 (SHARPIN) Increases Breast Cancer Risk. <i>PLoS ONE</i> , 2015, 10, e0127546.	2.5	32
52	Recognition of the Epidermal Growth Factor Receptor by Reovirus. <i>Virology</i> , 1993, 197, 412-414.	2.4	29
53	<sc>P</sc>eroxiredoxin 1 inhibits the oxidative stress induced apoptosis in renal tubulointerstitial fibrosis. <i>Nephrology</i> , 2015, 20, 832-842.	1.6	29
54	Mechanisms of Primary Membranous Nephropathy. <i>Biomolecules</i> , 2021, 11, 513.	4.0	29

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55	Clear cell renal cell carcinoma induces fibroblast-mediated production of stromal periostin. <i>European Journal of Cancer</i> , 2013, 49, 3537-3546.	2.8	28
56	Construction of a set of novel and robust gene expression signatures predicting prostate cancer recurrence. <i>Molecular Oncology</i> , 2018, 12, 1559-1578.	4.6	28
57	Deficiency of TDAG51 Protects Against Atherosclerosis by Modulating Apoptosis, Cholesterol Efflux, and Peroxiredoxin α Expression. <i>Journal of the American Heart Association</i> , 2013, 2, e000134.	3.7	27
58	Propagation of Human Prostate Cancer Stem-Like Cells Occurs through EGFR-Mediated ERK Activation. <i>PLoS ONE</i> , 2013, 8, e61716.	2.5	27
59	Amplification of MUC1 in prostate cancer metastasis and CRPC development. <i>Oncotarget</i> , 2016, 7, 83115-83133.	1.8	27
60	BMI1 attenuates etoposide-induced G2/M checkpoints via reducing ATM activation. <i>Oncogene</i> , 2015, 34, 3063-3075.	5.9	26
61	Upregulation of FAM84B during prostate cancer progression. <i>Oncotarget</i> , 2017, 8, 19218-19235.	1.8	26
62	Co-existence of high levels of the PTEN protein with enhanced Akt activation in renal cell carcinoma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2007, 1772, 1134-1142.	3.8	25
63	Binding of reovirus to receptor leads to conformational changes in viral capsid proteins that are reversible upon virus detachment.. <i>Journal of Biological Chemistry</i> , 1994, 269, 17043-17047.	3.4	25
64	Inhibition of ERK activation enhances the repair of double-stranded breaks via non-homologous end joining by increasing DNA-PKcs activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 90-100.	4.1	24
65	Polycomb complex protein BMI1 confers resistance to tamoxifen in estrogen receptor positive breast cancer. <i>Cancer Letters</i> , 2018, 426, 4-13.	7.2	24
66	Identification of a hTid-1 mutation which sensitizes gliomas to apoptosis. <i>FEBS Letters</i> , 2004, 578, 323-330.	2.8	22
67	Effect of hematoporphyrin monomethyl ether-mediated PDT on the mitochondria of canine breast cancer cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 414-421.	2.6	22
68	Overexpression of MUC1 and Genomic Alterations in Its Network Associate with Prostate Cancer Progression. <i>Neoplasia</i> , 2017, 19, 857-867.	5.3	22
69	Prostate cancer stem-like cells proliferate slowly and resist etoposide-induced cytotoxicity via enhancing DNA damage response. <i>Experimental Cell Research</i> , 2014, 328, 132-142.	2.6	21
70	SIPL1-facilitated PTEN ubiquitination contributes to its association with PTEN. <i>Cellular Signalling</i> , 2014, 26, 2749-2756.	3.6	19
71	ERK kinases modulate the activation of PI3 kinase related kinases (PIKKs) in DNA damage response. <i>Histology and Histopathology</i> , 2013, 28, 1547-54.	0.7	19
72	Stretch-induced Raf-1 activation in mesangial cells requires actin cytoskeletal integrity. <i>Cellular Signalling</i> , 2005, 17, 311-320.	3.6	18

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73	ERK1 and ERK2 kinases activate hydroxyurea-induced S-phase checkpoint in MCF7 cells by mediating ATR activation. <i>Cellular Signalling</i> , 2011, 23, 259-268.	3.6	17
74	FAM84B promotes prostate tumorigenesis through a network alteration. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591984637.	3.2	17
75	Apoptosis induced by hematoporphyrin monomethyl ether combined with He ^{Ne} laser irradiation in vitro on canine breast cancer cells. <i>Veterinary Journal</i> , 2011, 188, 325-330.	1.7	16
76	Biphasic Alteration of Butyrylcholinesterase (BChE) During Prostate Cancer Development. <i>Translational Oncology</i> , 2018, 11, 1012-1022.	3.7	16
77	Common reduction of the Raf kinase inhibitory protein in clear cell renal cell carcinoma. <i>Oncotarget</i> , 2014, 5, 7406-7419.	1.8	16
78	Etoposide-induced DNA damage affects multiple cellular pathways in addition to DNA damage response. <i>Oncotarget</i> , 2018, 9, 24122-24139.	1.8	16
79	Chronic Inflammatory Demyelinating Polyneuropathy and Concurrent Membranous Nephropathy. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 585-587.	0.5	15
80	Balanced translocation t(3;18)(p13;q22.3) and points mutation in the ZNF407 gene detected in patients with both moderate non-syndromic intellectual disability and autism. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 431-438.	3.8	14
81	Contactin 1: An Important and Emerging Oncogenic Protein Promoting Cancer Progression and Metastasis. <i>Genes</i> , 2020, 11, 874.	2.4	14
82	Assessment of biochemical recurrence of prostate cancer (Review). <i>International Journal of Oncology</i> , 2019, 55, 1194-1212.	3.3	14
83	Identification and Structure Characterization of a Cdk Inhibitory Peptide Derived from Neuronal-specific Cdk5 Activator. <i>Journal of Biological Chemistry</i> , 1999, 274, 7120-7127.	3.4	13
84	Downregulation of CYB5D2 is associated with breast cancer progression. <i>Scientific Reports</i> , 2019, 9, 6624.	3.3	13
85	Oncostatin M induction of eotaxin-1 expression requires the convergence of PI3 ^K and ERK1/2 MAPK signal transduction pathways. <i>Cellular Signalling</i> , 2008, 20, 1142-1150.	3.6	12
86	CYB5D2 enhances HeLa cells survival of etoposide-induced cytotoxicity. <i>Biochemistry and Cell Biology</i> , 2011, 89, 341-350.	2.0	12
87	CYB5D2 displays tumor suppression activities towards cervical cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 556-565.	3.8	12
88	The Oncogenic Potential of the Centromeric Border Protein FAM84B of the 8q24.21 Gene Desert. <i>Genes</i> , 2020, 11, 312.	2.4	12
89	p14ARF inhibits the growth of p53 deficient cells in a cell-specific manner. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 787-796.	4.1	11
90	SIPL1 enhances the proliferation, attachment, and migration of CHO cells by inhibiting PTEN function. <i>International Journal of Molecular Medicine</i> , 2014, 34, 835-841.	4.0	11

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91	Signatures derived from increase in SHARPIN gene copy number are associated with poor prognosis in patients with breast cancer. <i>BBA Clinical</i> , 2017, 8, 56-65.	4.1	10
92	The TGF β ² -ERK pathway contributes to Notch3 upregulation in the renal tubular epithelial cells of patients with obstructive nephropathy. <i>Cellular Signalling</i> , 2018, 51, 139-151.	3.6	10
93	The Protein-Protein Interaction-Mediated Inactivation of PTEN. <i>Current Molecular Medicine</i> , 2014, 14, 22-33.	1.3	10
94	Fluorofenidone Inhibits UUO/IRI-Induced Renal Fibrosis by Reducing Mitochondrial Damage. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	4.0	10
95	Developments in mitogen-induced extracellular kinase 1 inhibitors and their use in the treatment of disease. <i>Expert Opinion on Therapeutic Patents</i> , 2002, 12, 1795-1811.	5.0	9
96	Fluorofenidone Offers Improved Renoprotection at Early Interventions during the Course of Diabetic Nephropathy in db/db Mice via Multiple Pathways. <i>PLoS ONE</i> , 2014, 9, e111242.	2.5	9
97	Hematoporphyrin monomethyl ether combined with He α Ne laser irradiation-induced apoptosis in canine breast cancer cells through the mitochondrial pathway. <i>Journal of Veterinary Science</i> , 2016, 17, 235.	1.3	8
98	Microvesicles Contribute to the Bystander Effect of DNA Damage. <i>International Journal of Molecular Sciences</i> , 2017, 18, 788.	4.1	8
99	A role of SIPL1/SHARPIN in promoting resistance to hormone therapy in breast cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 735-745.	3.8	8
100	Construction of a Novel Multigene Panel Potently Predicting Poor Prognosis in Patients with Clear Cell Renal Cell Carcinoma. <i>Cancers</i> , 2020, 12, 3471.	3.7	8
101	Effective Prediction of Prostate Cancer Recurrence through the IQGAP1 Network. <i>Cancers</i> , 2021, 13, 430.	3.7	7
102	BMI1, ATM and DDR. <i>Oncoscience</i> , 2015, 2, 665-666.	2.2	7
103	BMI1 reduces ATR activation and signalling caused by hydroxyurea. <i>Oncotarget</i> , 2017, 8, 89707-89721.	1.8	7
104	Next Generation Quality: Assessing the Physician in Clinical History Completeness and Diagnostic Interpretations Using Funnel Plots and Normalized Deviations Plots in 3,854 Prostate Biopsies. <i>Journal of Pathology Informatics</i> , 2017, 8, 43.	1.7	7
105	IQGAP2 Displays Tumor Suppression Functions. <i>Journal of Analytical Oncology</i> , 2015, 4, 86-93.	0.1	7
106	Regulatory properties of neuronal cdc2-like kinase. <i>Molecular and Cellular Biochemistry</i> , 1995, 149-150, 35-39.	3.1	6
107	Dataset on the effects of CYB5D2 on the distribution of HeLa cervical cancer cell cycle. <i>Data in Brief</i> , 2016, 6, 811-816.	1.0	6
108	Gene Therapy, A Targeted Treatment for Diabetic Nephropathy. <i>Current Medicinal Chemistry</i> , 2013, 20, 3774-3784.	2.4	6

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109	Insights of RKIP-Derived Suppression of Prostate Cancer. <i>Cancers</i> , 2021, 13, 6388.	3.7	6
110	Identification of a novel Wee1 isoform. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2005, 1729, 1-9.	2.4	5
111	Specific Reduction of Fas-Associated Protein with Death Domain (FADD) in Clear Cell Renal Cell Carcinoma. <i>Cancer Investigation</i> , 2009, 27, 836-843.	1.3	5
112	Circulating cell-free DNA is a potential prognostic biomarker of metastatic castration-resistant prostate cancer for taxane therapy. <i>AME Medical Journal</i> , 2018, 3, 68-68.	0.4	5
113	Identification of an ataxia telangiectasia-mutated protein mediated surveillance system to regulate Bcl-2 overexpression. <i>Oncogene</i> , 2006, 25, 5601-5611.	5.9	4
114	Prognostic and Therapeutic Potential of the OIP5 Network in Papillary Renal Cell Carcinoma. <i>Cancers</i> , 2021, 13, 4483.	3.7	4
115	Prediction of Adrenocortical Carcinoma Relapse and Prognosis with a Set of Novel Multigene Panels. <i>Cancers</i> , 2022, 14, 2805.	3.7	4
116	Interaction of p14ARF with Brca1 in cancer cell lines and primary breast cancer. <i>Cell Biology International</i> , 2008, 32, 1302-1309.	3.0	3
117	Attempt to predict early recurrence of prostate cancer following prostatectomy through machine learning. <i>AME Medical Journal</i> , 2018, 3, 96-96.	0.4	3
118	Differential Expression of a Panel of Ten CNTN1-Associated Genes during Prostate Cancer Progression and the Predictive Properties of the Panel towards Prostate Cancer Relapse. <i>Genes</i> , 2021, 12, 257.	2.4	2
119	Progress towards accurate prediction of overall survival in men with metastatic castration-resistant prostate cancer. <i>Journal of Xiangya Medicine</i> , 2017, 2, 17-17.	0.2	1
120	MUCIN 1 in Prostate Cancer. , 0, , 125-138.		1
121	Downregulation of the Raf kinase inhibitory protein (RKIP) in clear cell renal cell carcinoma associates with poor prognosis. , 2020, , 435-457.		1
122	168 DEFINING CONDITIONS TO GENERATE AND MAINTAIN PROSTATE CANCER STEM CELLS. <i>Journal of Urology</i> , 2011, 185, .	0.4	0
123	Impact of prostate cancer stem cell niches on prostate cancer tumorigenesis and progression. <i>Advances in Stem Cells and Their Niches</i> , 2021, 5, 177-204.	0.1	0
124	Identification of Novel Chromosomal Abnormalities, inv(5)(p13q13) and t(7;18)(q32;q21), Associated with Autism. <i>American Journal of Biochemistry and Biotechnology</i> , 2007, 3, 159-162.	0.4	0
125	The Nucleolar Aspect of Breast Cancer. , 2013, , 275-304.		0
126	Regulatory properties of neuronal cdc2-like kinase. , 1995, , 35-39.		0

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127	RKIP is commonly downregulated in clear cell renal cell carcinoma (ccRCC). <i>Cancer Cell & Microenvironment</i> , 0, , .	0.8	0
128	Abstract 1621: Contactin 1 (CNTN1) promotes prostate cancer tumorigenesis in transgenic models. , 2020, , .		0
129	Suppression of the dynamic interaction of estrogen receptor with chromatin is critical for therapeutic ligands to repress ER-mediated transcription activities. <i>Biotarget</i> , 0, 4, 1-1.	0.5	0