Ming Tan

List of Publications by Year
in descending order

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86	14,440	66250	71088
papers	citations	44 h-index	80 g-index

89	89	89	29564
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Epithelialâ€“Mesenchymal Transition Suppresses AMPK and Sensitizes Cancer Cells to Pyroptosis under Energy Stress. Cells, 2022, 11, 2208.	1.8	2
2	LATS kinaseâ€“mediated CTCF phosphorylation and selective loss of genomic binding. Science Advances, 2020, 6, eaaw4651.	4.7	21
3	Immunoregulatory protein B7-H3 regulates cancer stem cell enrichment and drug resistance through MVP-mediated MEK activation. Oncogene, 2019, 38, 88-102.	2.6	67
4	APLNR is involved in ATRAâ€induced growth inhibition of nasopharyngeal carcinoma and may suppress EMT through PI3Kâ€Aktâ€mTOR signaling. FASEB Journal, 2019, 33, 11959-11972.	0.2	19
5	Hypoxia induces cancer cell-specific chromatin interactions and increases MALAT1 expression in breast cancer cells. Journal of Biological Chemistry, 2019, 294, 11213-11224.	1.6	39
6	p53/Lactate dehydrogenase A axis negatively regulates aerobic glycolysis and tumor progression in breast cancer expressing wildâ€type p53. Cancer Science, 2019, 110, 939-949.	1.7	56
7	Coamplification of miR-4728 protects HER2 -amplified breast cancers from targeted therapy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2594-E2603.	3.3	23
8	BRD7 inhibits the Warburg effect and tumor progression through inactivation of HIF1Î±/LDHA axis in breast cancer. Cell Death and Disease, 2018, 9, 519.	2.7	24
9	B7-H3 in Cancer â€“ Beyond Immune Regulation. Trends in Cancer, 2018, 4, 401-404.	3.8	104
10	Diverse Roles of Mitochondria in Immune Responses: Novel Insights Into Immuno-Metabolism. Frontiers in Immunology, 2018, 9, 1605.	2.2	298
11	BRD7 plays an anti-inflammatory role during early acute inflammation by inhibiting activation of the NF-ÐºB signaling pathway. Cellular and Molecular Immunology, 2017, 14, 830-841.	4.8	40
12	Elevated microRNA-125b levels predict a worse prognosis in HER2-positive breast cancer patients. Oncology Letters, 2017, 13, 867-874.	0.8	42
13	Interplay between Immune Checkpoint Proteins and Cellular Metabolism. Cancer Research, 2017, 77, 1245-1249.	0.4	82
14	The reverse Warburg effect is likely to be an Achilles' heel of cancer that can be exploited for cancer therapy. Oncotarget, 2017, 8, 57813-57825.	0.8	190
15	miR-125b regulates differentiation and metabolic reprogramming of T cell acute lymphoblastic leukemia by directly targeting A20. Oncotarget, 2016, 7, 78667-78679.	0.8	23
16	Immunoregulatory Protein B7-H3 Reprograms Glucose Metabolism in Cancer Cells by ROS-Mediated Stabilization of HIF1Î±. Cancer Research, 2016, 76, 2231-2242.	0.4	107
17	The Non-Coding RNA Ontology (NCRO): a comprehensive resource for the unification of non-coding RNA biology. Journal of Biomedical Semantics, 2016, 7, 24.	0.9	10
18	The development of non-coding RNA ontology. International Journal of Data Mining and Bioinformatics, 2016, 15, 214.	0.1	9

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19	Knockout of BRD7 results in impaired spermatogenesis and male infertility. Scientific Reports, 2016, 6, 21776.	1.6	46
20	A regulatory circuit of miR-125b/miR-20b and Wnt signalling controls glioblastoma phenotypes through FZD6-modulated pathways. Nature Communications, 2016, 7, 12885.	5.8	72
21	OmniSearch: a semantic search system based on the Ontology for MIcroRNA Target (OMIT) for microRNA-target gene interaction data. Journal of Biomedical Semantics, 2016, 7, 25.	0.9	27
22	Regulation of mitochondrial functions by protein phosphorylation and dephosphorylation. Cell and Bioscience, 2016, 6, 25.	2.1	85
23	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
24	SON and Its Alternatively Spliced Isoforms Control MLL Complex-Mediated H3K4me3 and Transcription of Leukemia-Associated Genes. Molecular Cell, 2016, 61, 859-873.	4.5	41
25	miR-141 is involved in BRD7-mediated cell proliferation and tumor formation through suppression of the PTEN/AKT pathway in nasopharyngeal carcinoma. Cell Death and Disease, 2016, 7, e2156-e2156.	2.7	55
26	Determination of Breast Cancer Cell Migratory Ability. Methods in Molecular Biology, 2016, 1406, 171-180.	0.4	3
27	Mitochondrial DNA Repair through OGG1 Activity Attenuates Breast Cancer Progression and Metastasis. Cancer Research, 2016, 76, 30-34.	0.4	39
28	Epsteinâ€“Barr virus-encoded small RNA 1 (EBER-1) could predict good prognosis in nasopharyngeal carcinoma. Clinical and Translational Oncology, 2016, 18, 206-211.	1.2	46
29	Decreased expression of B7-H3 reduces the glycolytic capacity and sensitizes breast cancer cells to AKT/mTOR inhibitors. Oncotarget, 2016, 7, 6891-6901.	0.8	63
30	Src drives the Warburg effect and therapy resistance by inactivating pyruvate dehydrogenase through tyrosine-289 phosphorylation. Oncotarget, 2016, 7, 25113-25124.	0.8	34
31	MicroRNA-16 sensitizes breast cancer cells to paclitaxel through suppression of IKBKB expression. Oncotarget, 2016, 7, 23668-23683.	0.8	36
32	Exploiting multi-layered vector spaces for signal peptide detection. International Journal of Data Mining and Bioinformatics, 2015, 13, 141.	0.1	2
33	Caveolin-1 Dependent Endocytosis Enhances the Chemosensitivity of HER-2 Positive Breast Cancer Cells to Trastuzumab Emtansine (T-DM1). PLoS ONE, 2015, 10, e0133072.	1.1	43
34	A semantic approach for knowledge capture of MIcroRNA-Target gene interactions. , 2015, , .		10
35	A domain ontology for the Non-Coding RNA field. , 2015, , .		0
36	Inactivation of BRD7 results in impaired cognitive behavior and reduced synaptic plasticity of the medial prefrontal cortex. Behavioural Brain Research, 2015, 286, 1-10.	1.2	20

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37	ErbB2-intronic MicroRNA-4728: a novel tumor suppressor and antagonist of oncogenic MAPK signaling. Cell Death and Disease, 2015, 6, e1742-e1742.	2.7	31
38	Cancer Metabolism: Targeting metabolic pathways in cancer therapy. Cancer Letters, 2015, 356, 147-148.	3.2	12
39	The Warburg effect in tumor progression: Mitochondrial oxidative metabolism as an anti-metastasis mechanism. Cancer Letters, 2015, 356, 156-164.	3.2	541
40	Featuring the guest editor: Special issue cancer metabolism. Cancer Letters, 2015, 356, 145-146.	3.2	0
41	Lactotransferrin could be a novel independent molecular prognosticator of nasopharyngeal carcinoma. Tumor Biology, 2015, 36, 675-683.	0.8	28
42	High Bak Expression Is Associated with a Favorable Prognosis in Breast Cancer and Sensitizes Breast Cancer Cells to Paclitaxel. PLoS ONE, 2015, 10, e0138955.	1.1	27
43	Inhibition of the Warburg effect with a natural compound reveals a novel measurement for determining the metastatic potential of breast cancers. Oncotarget, 2015, 6, 662-678.	0.8	44
44	Panepoxydone Targets NF-kB and FOXM1 to Inhibit Proliferation, Induce Apoptosis and Reverse Epithelial to Mesenchymal Transition in Breast Cancer. PLoS ONE, 2014, 9, e98370.	1.1	70
45	OMIT: Dynamic, Semi-Automated Ontology Development for the microRNA Domain. PLoS ONE, 2014, 9, e100855.	1.1	18
46	LOC401317, a p53-Regulated Long Non-Coding RNA, Inhibits Cell Proliferation and Induces Apoptosis in the Nasopharyngeal Carcinoma Cell Line HNE2. PLoS ONE, 2014, 9, e110674.	1.1	93
47	<scp>SPLUNC</scp>1 is associated with nasopharyngeal carcinoma prognosis and plays an important role in allâ€transâ€retinoic acidâ€induced growth inhibition and differentiation in nasopharyngeal cancer cells. FEBS Journal, 2014, 281, 4815-4829.	2.2	21
48	Preparation of polyclonal antibody highly specific for mouse BRD7 protein and its application. Acta Biochimica Et Biophysica Sinica, 2014, 46, 163-166.	0.9	5
49	Identification of candidate biomarkers for the early detection of nasopharyngeal carcinoma by quantitative proteomic analysis. Journal of Proteomics, 2014, 109, 162-175.	1.2	32
50	Tissue-specific isoform switch and DNA hypomethylation of the pyruvate kinase PKM gene in human cancers. Oncotarget, 2014, 5, 8202-8210.	0.8	127
51	Semi-automated microRNA ontology development based on artificial neural networks. , 2013, , .		1
52	Targeting cellular metabolism to improve cancer therapeutics. Cell Death and Disease, 2013, 4, e532-e532.	2.7	830
53	Stalling the Engine of Resistance: Targeting Cancer Metabolism to Overcome Therapeutic Resistance. Cancer Research, 2013, 73, 2709-2717.	0.4	115
54	Heat Shock Factor 1 (HSF1) Controls Chemoresistance and Autophagy through Transcriptional Regulation of Autophagy-related Protein 7 (ATG7). Journal of Biological Chemistry, 2013, 288, 9165-9176.	1.6	121

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55	miR-125b Functions as a Key Mediator for Snail-induced Stem Cell Propagation and Chemoresistance. Journal of Biological Chemistry, 2013, 288, 4334-4345.	1.6	54
56	Manganese superoxide dismutase promotes anoikis resistance and tumor metastasis. Cell Death and Disease, 2013, 4, e504-e504.	2.7	113
57	An ontology-based MicroRNA knowledge sharing and acquisition framework. , 2012, , .		6
58	Glucose Oxidation Modulates Anoikis and Tumor Metastasis. Molecular and Cellular Biology, 2012, 32, 1893-1907.	1.1	186
59	Receptor tyrosine kinase ErbB2 translocates into mitochondria and regulates cellular metabolism. Nature Communications, 2012, 3, 1271.	5.8	96
60	Testing for Differentially-Expressed MicroRNAs with Errors-in-Variables Nonparametric Regression. PLoS ONE, 2012, 7, e37537.	1.1	3
61	Knowledge acquisition, semantic text mining, and security risks in health and biomedical informatics. World Journal of Biological Chemistry, 2012, 3, 27.	1.7	5
62	Emerging Metabolic Targets in Cancer Therapy. Frontiers in Bioscience - Landmark, 2011, 16, 1844.	3.0	70
63	OMIT: A Domain-Specific Knowledge Base for MicroRNA Target Prediction. Pharmaceutical Research, 2011, 28, 3101-3104.	1.7	14
64	Overcoming Trastuzumab Resistance in Breast Cancer by Targeting Dysregulated Glucose Metabolism. Cancer Research, 2011, 71, 4585-4597.	0.4	230
65	B7-H3 Silencing Increases Paclitaxel Sensitivity by Abrogating Jak2/Stat3 Phosphorylation. Molecular Cancer Therapeutics, 2011, 10, 960-971.	1.9	118
66	MicroRNA-125b Confers the Resistance of Breast Cancer Cells to Paclitaxel through Suppression of Pro-apoptotic Bcl-2 Antagonist Killer 1 (Bak1) Expression. Journal of Biological Chemistry, 2010, 285, 21496-21507.	1.6	370
67	Ontology for MicroRNA Target prediction in human cancer. , 2010, , .		4
68	Warburg effect in chemosensitivity: Targeting lactate dehydrogenase-A re-sensitizes Taxol-resistant cancer cells to Taxol. Molecular Cancer, 2010, 9, 33.	7.9	307
69	OMIT: Domain Ontology and Knowledge Acquisition in MicroRNA Target Prediction. Lecture Notes in Computer Science, 2010, , 1160-1167.	1.0	3
70	Mitotic Deregulation by Survivin in ErbB2-Overexpressing Breast Cancer Cells Contributes to Taxol Resistance. Clinical Cancer Research, 2009, 15, 1326-1334.	3.2	74
71	Upregulation of lactate dehydrogenase A by ErbB2 through heat shock factor 1 promotes breast cancer cell glycolysis and growth. Oncogene, 2009, 28, 3689-3701.	2.6	223
72	Real-time geological disaster monitoring with deformation parameters auto-detection technique. Proceedings of SPIE, 2009, , .	0.8	0

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73	Molecular Mechanisms of ErbB2-Mediated Breast Cancer Chemoresistance. Advances in Experimental Medicine and Biology, 2007, 608, 119-129.	0.8	123
74	Upregulation and activation of PKCÎ± by ErbB2 through Src promotes breast cancer cell invasion that can be blocked by combined treatment with PKCÎ± and Src inhibitors. Oncogene, 2006, 25, 3286-3295.	2.6	90
75	Selective Inhibition of ErbB2-Overexpressing Breast Cancer In vivo by a Novel TAT-Based ErbB2-Targeting Signal Transducers and Activators of Transcription 3â€“Blocking Peptide. Cancer Research, 2006, 66, 3764-3772.	0.4	118
76	ErbB2 Increases Vascular Endothelial Growth Factor Protein Synthesis via Activation of Mammalian Target of Rapamycin/p70S6K Leading to Increased Angiogenesis and Spontaneous Metastasis of Human Breast Cancer Cells. Cancer Research, 2006, 66, 2028-2037.	0.4	182
77	ErbB2 Promotes Src Synthesis and Stability: Novel Mechanisms of Src Activation That Confer Breast Cancer Metastasis. Cancer Research, 2005, 65, 1858-1867.	0.4	264
78	1â€“22 The Role of PTEN and Its Signalling Pathways, Including AKT, in Breast Cancer; An Assessment of Relationships With Other Prognostic Factors and With Outcome. Breast Diseases, 2005, 16, 53-54.	0.0	0
79	Activation of the Akt/Mammalian Target of Rapamycin/4E-BP1 Pathway by ErbB2 Overexpression Predicts Tumor Progression in Breast Cancers. Clinical Cancer Research, 2004, 10, 6779-6788.	3.2	293
80	PTEN activation contributes to tumor inhibition by trastuzumab, and loss of PTEN predicts trastuzumab resistance in patients. Cancer Cell, 2004, 6, 117-127.	7.7	1,693
81	Upregulation of CXCR4 is essential for HER2-mediated tumor metastasis. Cancer Cell, 2004, 6, 459-469.	7.7	497
82	High-dose methotrexate pharmacokinetics and outcome of children and young adults with osteosarcoma. Cancer, 2004, 100, 1724-1733.	2.0	118
83	Phosphorylation on Tyrosine-15 of p34Cdc2 by ErbB2 Inhibits p34Cdc2 Activation and Is Involved in Resistance to Taxol-Induced Apoptosis. Molecular Cell, 2002, 9, 993-1004.	4.5	124
84	Heregulin beta1-activated phosphatidylinositol 3-kinase enhances aggregation of MCF-7 breast cancer cells independent of extracellular signal-regulated kinase. Cancer Research, 1999, 59, 1620-5.	0.4	56
85	Overexpression of ErbB2 Blocks Taxol-Induced Apoptosis by Upregulation of p21Cip1, which Inhibits p34Cdc2 Kinase. Molecular Cell, 1998, 2, 581-591.	4.5	335
86	Wild-type p53 and a p53 temperature-sensitive mutant suppress human soft tissue sarcoma by enhancing cell cycle control. Clinical Cancer Research, 1998, 4, 1985-94.	3.2	20