

# Kuo-Wang Tsai

## List of Publications by Citations

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76  
papers

1,655  
citations

23  
h-index

38  
g-index

81  
ext. papers

2,069  
ext. citations

4.5  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
76	Epigenetic regulation of miR-34b and miR-129 expression in gastric cancer. <i>International Journal of Cancer</i> , <b>2011</b> , 129, 2600-10	7.5	152
75	Advances in molecular biomarkers for gastric cancer: miRNAs as emerging novel cancer markers. <i>Expert Reviews in Molecular Medicine</i> , <b>2014</b> , 16, e1	6.7	123
74	Aberrant hypermethylation of miR-9 genes in gastric cancer. <i>Epigenetics</i> , <b>2011</b> , 6, 1189-97	5.7	104
73	miRNA arm selection and isomiR distribution in gastric cancer. <i>BMC Genomics</i> , <b>2012</b> , 13 Suppl 1, S13	4.5	98
72	Aberrant expression of miR-196a in gastric cancers and correlation with recurrence. <i>Genes Chromosomes and Cancer</i> , <b>2012</b> , 51, 394-401	5	66
71	Linc00659, a long noncoding RNA, acts as novel oncogene in regulating cancer cell growth in colorectal cancer. <i>Molecular Cancer</i> , <b>2018</b> , 17, 72	42.1	59
70	Arm Selection Preference of MicroRNA-193a Varies in Breast Cancer. <i>Scientific Reports</i> , <b>2016</b> , 6, 28176	4.9	50
69	MicroRNA-324 in Human Cancer: miR-324-5p and miR-324-3p Have Distinct Biological Functions in Human Cancer. <i>Anticancer Research</i> , <b>2016</b> , 36, 5189-5196	2.3	49
68	ATG4B promotes colorectal cancer growth independent of autophagic flux. <i>Autophagy</i> , <b>2014</b> , 10, 1454-65	5.2	48
67	The effects of storage temperature and duration of blood samples on DNA and RNA qualities. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184692	3.7	47
66	Aberrant DNA hypermethylation-silenced SOX21-AS1 gene expression and its clinical importance in oral cancer. <i>Clinical Epigenetics</i> , <b>2016</b> , 8, 129	7.7	46
65	Helicobacter pylori eradication with bismuth quadruple therapy leads to dysbiosis of gut microbiota with an increased relative abundance of Proteobacteria and decreased relative abundances of Bacteroidetes and Actinobacteria. <i>Helicobacter</i> , <b>2018</b> , 23, e12498	4.9	45
64	Metformin Treatment Suppresses Melanoma Cell Growth and Motility Through Modulation of microRNA Expression. <i>Cancers</i> , <b>2019</b> , 11,	6.6	35
63	Aberrant DNA hypomethylation of miR-196b contributes to migration and invasion of oral cancer. <i>Oncology Letters</i> , <b>2016</b> , 11, 4013-4021	2.6	35
62	MicroRNA expression profiles in human breast cancer cells after multifraction and single-dose radiation treatment. <i>Oncology Reports</i> , <b>2014</b> , 31, 2147-56	3.5	33
61	Reduction of global 5-hydroxymethylcytosine is a poor prognostic factor in breast cancer patients, especially for an ER/PR-negative subtype. <i>Breast Cancer Research and Treatment</i> , <b>2015</b> , 153, 219-34	4.4	32
60	MiR-193a-5p and -3p Play a Distinct Role in Gastric Cancer: miR-193a-3p Suppresses Gastric Cancer Cell Growth by Targeting ETS1 and CCND1. <i>Anticancer Research</i> , <b>2018</b> , 38, 3309-3318	2.3	32

59	Comprehensive analysis of microRNAs in breast cancer. <i>BMC Genomics</i> , <b>2012</b> , 13 Suppl 7, S18	4.5	31
58	Dysregulation of cystathionine Elyase promotes prostate cancer progression and metastasis. <i>EMBO Reports</i> , <b>2019</b> , 20, e45986	6.5	27
57	Comprehensive microRNA profiling of prostate cancer cells after ionizing radiation treatment. <i>Oncology Reports</i> , <b>2014</b> , 31, 1067-78	3.5	27
56	Next-generation Sequencing for microRNA Profiling: MicroRNA-21-3p Promotes Oral Cancer Metastasis. <i>Anticancer Research</i> , <b>2017</b> , 37, 1059-1066	2.3	25
55	Short-term and long-term impacts of Helicobacter pylori eradication with reverse hybrid therapy on the gut microbiota. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2019</b> , 34, 1968-1976	4	24
54	Interrogation of rabbit miRNAs and their isomiRs. <i>Genomics</i> , <b>2011</b> , 98, 453-9	4.3	24
53	Subsite-specific association of DEAD box RNA helicase DDX60 with the development and prognosis of oral squamous cell carcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 85097-85108	3.3	23
52	Comprehensive identification of microRNA arm selection preference in lung cancer: miR-324-5p and -3p serve oncogenic functions in lung cancer. <i>Oncology Letters</i> , <b>2018</b> , 15, 9818-9826	2.6	23
51	Isocitrate dehydrogenase 1-snail axis dysfunction significantly correlates with breast cancer prognosis and regulates cell invasion ability. <i>Breast Cancer Research</i> , <b>2018</b> , 20, 25	8.3	22
50	Extracellular Matrix-receptor Interaction Signaling Genes Associated with Inferior Breast Cancer Survival. <i>Anticancer Research</i> , <b>2018</b> , 38, 4593-4605	2.3	22
49	Emerging role of microRNAs in modulating endothelin-1 expression in gastric cancer. <i>Oncology Reports</i> , <b>2015</b> , 33, 485-93	3.5	22
48	Ten-Day Quadruple Therapy Comprising Proton Pump Inhibitor, Bismuth, Tetracycline, and Levofloxacin is More Effective than Standard Levofloxacin Triple Therapy in the Second-Line Treatment of Helicobacter pylori Infection: A Randomized Controlled Trial. <i>American Journal of Gastroenterology</i> , <b>2017</b> , 112, 1271-1281	0.7	21
47	Serum miRNA as a possible biomarker in the diagnosis of bipolar II disorder. <i>Scientific Reports</i> , <b>2020</b> , 10, 1131	4.9	19
46	Equivalent Efficacies of Reverse Hybrid and Bismuth Quadruple Therapies in Eradication of Helicobacter pylori Infection in a Randomized Controlled Trial. <i>Clinical Gastroenterology and Hepatology</i> , <b>2018</b> , 16, 1427-1433	6.9	19
45	MicroRNA-21: Mechanisms of Oncogenesis and its Application in Diagnosis and Prognosis of Gastric Cancer. <i>Archives of Iranian Medicine</i> , <b>2015</b> , 18, 524-36	2.4	17
44	A Randomized Controlled Trial Shows that both 14-Day Hybrid and Bismuth Quadruple Therapies Cure Most Patients with Helicobacter pylori Infection in Populations with Moderate Antibiotic Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	16
43	miRSeq: a user-friendly standalone toolkit for sequencing quality evaluation and miRNA profiling. <i>BioMed Research International</i> , <b>2014</b> , 2014, 462135	3	16
42	Update on the first-line treatment for infection - a continuing challenge from an old enemy. <i>Biomarker Research</i> , <b>2017</b> , 5, 23	8	15

41	Genetic variants in microRNA-146a (C>G) and microRNA-1269b (G>C) are associated with the decreased risk of oral premalignant lesions, oral cancer, and pharyngeal cancer. <i>Archives of Oral Biology</i> , <b>2016</b> , 72, 21-32	2.8	14
40	Global DNA hypomethylation is associated with the development and poor prognosis of tongue squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , <b>2016</b> , 45, 409-17	3.3	14
39	Ten-eleven translocation 1 dysfunction reduces 5-hydroxymethylcytosine expression levels in gastric cancer cells. <i>Oncology Letters</i> , <b>2018</b> , 15, 278-284	2.6	11
38	Identification of the Novel Role of CD24 as an Oncogenesis Regulator and Therapeutic Target for Triple-Negative Breast Cancer. <i>Molecular Cancer Therapeutics</i> , <b>2019</b> , 18, 147-161	6.1	11
37	The Long Noncoding RNA LOC441461 (STX17-AS1) Modulates Colorectal Cancer Cell Growth and Motility. <i>Cancers</i> , <b>2020</b> , 12,	6.6	10
36	TACCO, a Database Connecting Transcriptome Alterations, Pathway Alterations and Clinical Outcomes in Cancers. <i>Scientific Reports</i> , <b>2019</b> , 9, 3877	4.9	9
35	Equivalent efficacies of reverse hybrid and concomitant therapies in first-line treatment of Helicobacter pylori infection. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2020</b> , 35, 1731-1737		9
34	Clinicopathological study of lip cancer: a retrospective hospital-based study in Taiwan. <i>Apmis</i> , <b>2017</b> , 125, 1007-1016	3.4	9
33	The influence of disease-modifying anti-rheumatic drugs and corticosteroids on the association between rheumatoid arthritis and skin cancer: a nationwide retrospective case-control study in Taiwan. <i>Clinical and Experimental Rheumatology</i> , <b>2018</b> , 36, 471-478	2.2	9
32	Tight Junction Protein 1 Dysfunction Contributes to Cell Motility in Bladder Cancer. <i>Anticancer Research</i> , <b>2018</b> , 38, 4607-4615	2.3	8
31	Co-modulated behavior and effects of differentially expressed miRNA in colorectal cancer. <i>BMC Genomics</i> , <b>2013</b> , 14 Suppl 5, S12	4.5	8
30	Isocitrate Dehydrogenase 2 Dysfunction Contributes to 5-hydroxymethylcytosine Depletion in Gastric Cancer Cells. <i>Anticancer Research</i> , <b>2016</b> , 36, 3983-90	2.3	8
29	Reverse hybrid therapy achieves a similar eradication rate as standard hybrid therapy for Helicobacter pylori infection. <i>Journal of the Chinese Medical Association</i> , <b>2020</b> , 83, 233-237	2.8	7
28	S100A6 Promotes B Lymphocyte Penetration Through the Blood-Brain Barrier in Autoimmune Encephalitis. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1188	4.5	7
27	Which nasopharyngeal cancer patients need adaptive radiotherapy?. <i>BMC Cancer</i> , <b>2018</b> , 18, 1234	4.8	7
26	Aberrant DNA Hypermethylation Silenced LncRNA Expression in Gastric Cancer. <i>Anticancer Research</i> , <b>2019</b> , 39, 5381-5391	2.3	5
25	Evaluation and application of the strand-specific protocol for next-generation sequencing. <i>BioMed Research International</i> , <b>2015</b> , 2015, 182389	3	5
24	Involvement of MicroRNA-1-FAM83A Axis Dysfunction in the Growth and Motility of Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5

23	Putative Role of Vitamin D for COVID-19 Vaccination. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
22	The variant of pri-mir-26a-1 polymorphism is associated with decreased risk of betel quid-related oral premalignant lesions and oral squamous cell carcinoma. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2017</b> , 124, 378-389.e1	2	4
21	Association of and Polymorphisms With Susceptibility to Oral and Pharyngeal Squamous Cell Carcinoma. <i>Anticancer Research</i> , <b>2019</b> , 39, 2891-2902	2.3	4
20	Low C6orf141 Expression is Significantly Associated with a Poor Prognosis in Patients with Oral Cancer. <i>Scientific Reports</i> , <b>2019</b> , 9, 4520	4.9	4
19	MiR-182-5p enhances in vitro neutrophil infiltration in Kawasaki disease. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2019</b> , 7, e990	2.3	3
18	A novel hemoglobin variant found on the $\beta$ chain: Hb KSVGH (HBA1: p.Lys57_Gly58insSerHisGlySerAlaGlnValLys). <i>Hemoglobin</i> , <b>2015</b> , 39, 81-7	0.6	3
17	Involvement of the MicroRNA-1-LITAF Axis in Gastric Cancer Cell Growth and Invasion. <i>Anticancer Research</i> , <b>2020</b> , 40, 6247-6256	2.3	3
16	Serum proteins may facilitate the identification of Kawasaki disease and promote in vitro neutrophil infiltration. <i>Scientific Reports</i> , <b>2020</b> , 10, 15645	4.9	3
15	Circulating miRNAs Act as Diagnostic Biomarkers for Bladder Cancer in Urine. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
14	The efficacies of esomeprazole- versus pantoprazole-based reverse hybrid therapy for Helicobacter pylori eradication. <i>Advances in Digestive Medicine</i> , <b>2018</b> , 5, 26-32	0.1	3
13	Histamine-2 Receptor Antagonist Cannot Prevent Recurrent Peptic Ulcers in Patients With Atherosclerotic Diseases Who Receive Platelet ADP Receptor Antagonist Monotherapy: A Randomized-Controlled, Double-Blind, and Double-Dummy Trial. <i>American Journal of Gastroenterology</i> , <b>2017</b> , 112, 282-289	0.7	2
12	microRNA-324 plays an oncogenic role in bladder cancer cell growth and motility.. <i>Translational Cancer Research</i> , <b>2020</b> , 9, 707-716	0.3	2
11	Identification of potential plasma protein biomarkers for bipolar II disorder: a preliminary/exploratory study. <i>Scientific Reports</i> , <b>2021</b> , 11, 9452	4.9	2
10	Metformin inhibits gastric cancer cell proliferation by regulation of a novel Loc100506691-CHAC1 axis. <i>Molecular Therapy - Oncolytics</i> , <b>2021</b> , 22, 180-194	6.4	2
9	The association between immunoexpression levels of oxidant and antioxidant enzymes and lip squamous cell carcinoma. <i>Apmis</i> , <b>2018</b> , 126, 403-412	3.4	1
8	Identification of the Novel Oncogenic Role of SAAL1 and Its Therapeutic Potential in Hepatocellular Carcinoma. <i>Cancers</i> , <b>2020</b> , 12,	6.6	1
7	Peripheral BDNF correlated with miRNA in BD-II patients. <i>Journal of Psychiatric Research</i> , <b>2021</b> , 136, 184-189	5.189	1
6	, a Long Non-coding RNA, Acts as Novel Oncogene in Regulating Breast Cancer Growth and Metastasis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 695632	5.7	1

5	Simultaneous Reduction of Volume and Dose in Clinical Target Volume for Nasopharyngeal Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 109, 495-504	4	1
4	The Framework for Human Host Immune Responses to Four Types of Parasitic Infections and Relevant Key JAK/STAT Signaling.. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
3	Prevalence of HIV-1 Integrase Strand Transfer Inhibitor Resistance in Treatment-Naïve Voluntary Counselling and Testing Clients by Population Sequencing and Illumina Next-Generation Sequencing in Taiwan. <i>Infection and Drug Resistance</i> , <b>2020</b> , 13, 4519-4529	4.2	0
2	High expression of tight junction protein 1 as a predictive biomarker for bladder cancer grade and staging.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1496	4.9	0
1	Identifying Circulating MicroRNA in Kawasaki Disease by Next-Generation Sequencing Approach. <i>Current Issues in Molecular Biology</i> , <b>2021</b> , 43, 485-500	2.9	0