

# Kuo-Wang Tsai

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

2,368  
citations

172386

29  
h-index

233338

45  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3761  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic regulation of miR-34b and miR-129 expression in gastric cancer. <i>International Journal of Cancer</i> , 2011, 129, 2600-2610.	2.3	174
2	Advances in molecular biomarkers for gastric cancer: miRNAs as emerging novel cancer markers. <i>Expert Reviews in Molecular Medicine</i> , 2014, 16, e1.	1.6	153
3	miRNA arm selection and isomiR distribution in gastric cancer. <i>BMC Genomics</i> , 2012, 13, S13.	1.2	125
4	Aberrant hypermethylation of miR-9 genes in gastric cancer. <i>Epigenetics</i> , 2011, 6, 1189-1197.	1.3	112
5	The effects of storage temperature and duration of blood samples on DNA and RNA qualities. <i>PLoS ONE</i> , 2017, 12, e0184692.	1.1	83
6	Linc00659, a long noncoding RNA, acts as novel oncogene in regulating cancer cell growth in colorectal cancer. <i>Molecular Cancer</i> , 2018, 17, 72.	7.9	78
7	ATG4B promotes colorectal cancer growth independent of autophagic flux. <i>Autophagy</i> , 2014, 10, 1454-1465.	4.3	71
8	Aberrant expression of miR-196a in gastric cancers and correlation with recurrence. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 394-401.	1.5	69
9	Arm Selection Preference of MicroRNA-193a Varies in Breast Cancer. <i>Scientific Reports</i> , 2016, 6, 28176.	1.6	67
10	<i>Helicobacter pylori</i> 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> , 2018, 23, e12498.	1.6	66
11	MicroRNA-324 in Human Cancer: miR-324-5p and miR-324-3p Have Distinct Biological Functions in Human Cancer. <i>Anticancer Research</i> , 2016, 36, 5189-5196.	0.5	60
12	Aberrant DNA hypermethylation-silenced SOX21-AS1 gene expression and its clinical importance in oral cancer. <i>Clinical Epigenetics</i> , 2016, 8, 129.	1.8	59
13	Dysregulation of cystathionine $\beta$ -lyase promotes prostate cancer progression and metastasis. <i>EMBO Reports</i> , 2019, 20, e45986.	2.0	59
14	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> , 2015, 153, 219-234.	1.1	51
15	Metformin Treatment Suppresses Melanoma Cell Growth and Motility Through Modulation of microRNA Expression. <i>Cancers</i> , 2019, 11, 209.	1.7	50
16	Aberrant DNA hypomethylation of miR-196b contributes to migration and invasion of oral cancer. <i>Oncology Letters</i> , 2016, 11, 4013-4021.	0.8	41
17	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> , 2018, 38, 3309-3318.	0.5	41
18	Extracellular Matrix-receptor Interaction Signaling Genes Associated with Inferior Breast Cancer Survival. <i>Anticancer Research</i> , 2018, 38, 4593-4605.	0.5	40

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19	Short-term and long-term impacts of <i>Helicobacter pylori</i> eradication with reverse hybrid therapy on the gut microbiota. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 1968-1976.	1.4	39
20	Comprehensive analysis of microRNAs in breast cancer. <i>BMC Genomics</i> , 2012, 13, S18.	1.2	38
21	MicroRNA expression profiles in human breast cancer cells after multifraction and single-dose radiation treatment. <i>Oncology Reports</i> , 2014, 31, 2147-2156.	1.2	37
22	Next-generation Sequencing for microRNA Profiling: MicroRNA-21-3p Promotes Oral Cancer Metastasis. <i>Anticancer Research</i> , 2017, 37, 1059-1066.	0.5	37
23	Interrogation of rabbit miRNAs and their isomiRs. <i>Genomics</i> , 2011, 98, 453-459.	1.3	36
24	Comprehensive microRNA profiling of prostate cancer cells after ionizing radiation treatment. <i>Oncology Reports</i> , 2014, 31, 1067-1078.	1.2	33
25	Serum miRNA as a possible biomarker in the diagnosis of bipolar II disorder. <i>Scientific Reports</i> , 2020, 10, 1131.	1.6	33
26	Emerging role of microRNAs in modulating endothelin-1 expression in gastric cancer. <i>Oncology Reports</i> , 2015, 33, 485-493.	1.2	32
27	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 <i>Helicobacter pylori</i> Infection: A Randomized Controlled Trial. <i>American Journal of Gastroenterology</i> , 2017, 112, 1374-1381.	0.2	32
28	Equivalent Efficacies of Reverse Hybrid and Bismuth Quadruple Therapies in Eradication of <i>Helicobacter pylori</i> Infection in a Randomized Controlled Trial. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 1427-1433.	2.4	32
29	Putative Role of Vitamin D for COVID-19 Vaccination. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8988.	1.8	32
30	Isocitrate dehydrogenase 1 $\alpha$ snail axis dysfunction significantly correlates with breast cancer prognosis and regulates cell invasion ability. <i>Breast Cancer Research</i> , 2018, 20, 25.	2.2	31
31	Subsite-specific association of DEAD box RNA helicase DDX60 with the development and prognosis of oral squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 85097-85108.	0.8	30
32	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> , 2018, 15, 9818-9826.	0.8	28
33	A Randomized Controlled Trial Shows that both 14-Day Hybrid and Bismuth Quadruple Therapies Cure Most Patients with <i>Helicobacter pylori</i> Infection in Populations with Moderate Antibiotic Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	26
34	Update on the first-line treatment for <i>Helicobacter pylori</i> infection - a continuing challenge from an old enemy. <i>Biomarker Research</i> , 2017, 5, 23.	2.8	25
35	miRSeq: A User-Friendly Standalone Toolkit for Sequencing Quality Evaluation and miRNA Profiling. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	23
36	Identification of the Novel Role of CD24 as an Oncogenesis Regulator and Therapeutic Target for Triple-Negative Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 147-161.	1.9	23

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37	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> , 2016, 72, 21-32.	0.8	20
38	TACCO, a Database Connecting Transcriptome Alterations, Pathway Alterations and Clinical Outcomes in Cancers. <i>Scientific Reports</i> , 2019, 9, 3877.	1.6	19
39	MicroRNA-21: Mechanisms of Oncogenesis and its Application in Diagnosis and Prognosis of Gastric Cancer. <i>Archives of Iranian Medicine</i> , 2015, 18, 524-36.	0.2	18
40	Global <sc>DNA</sc> hypomethylation is associated with the development and poor prognosis of tongue squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2016, 45, 409-417.	1.4	17
41	Equivalent efficacies of reverse hybrid and concomitant therapies in first-line treatment of <sc> <i>Helicobacter pylori</i> </sc> infection. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2020, 35, 1731-1737.	1.4	17
42	Circulating miRNAs Act as Diagnostic Biomarkers for Bladder Cancer in Urine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4278.	1.8	17
43	S100A6 Promotes B Lymphocyte Penetration Through the Blood-Brain Barrier in Autoimmune Encephalitis. <i>Frontiers in Genetics</i> , 2019, 10, 1188.	1.1	16
44	Metformin inhibits gastric cancer cell proliferation by regulation of a novel Loc100506691-CHAC1 axis. <i>Molecular Therapy - Oncolytics</i> , 2021, 22, 180-194.	2.0	16
45	Ten-eleven translocation 1 dysfunction reduces 5-hydroxymethylcytosine expression levels in gastric cancer cells. <i>Oncology Letters</i> , 2018, 15, 278-284.	0.8	15
46	The Long Noncoding RNA LOC441461 (STX17-AS1) Modulates Colorectal Cancer Cell Growth and Motility. <i>Cancers</i> , 2020, 12, 3171.	1.7	13
47	Clinicopathological study of lip cancer: a retrospective hospital-based study in Taiwan. <i>Apmis</i> , 2017, 125, 1007-1016.	0.9	12
48	Which nasopharyngeal cancer patients need adaptive radiotherapy?. <i>BMC Cancer</i> , 2018, 18, 1234.	1.1	12
49	Tight Junction Protein 1 Dysfunction Contributes to Cell Motility in Bladder Cancer. <i>Anticancer Research</i> , 2018, 38, 4607-4615.	0.5	12
50	Serum proteins may facilitate the identification of Kawasaki disease and promote in vitro neutrophil infiltration. <i>Scientific Reports</i> , 2020, 10, 15645.	1.6	12
51	Evaluation and Application of the Strand-Specific Protocol for Next-Generation Sequencing. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	11
52	Aberrant DNA Hypermethylation Silenced LncRNA Expression in Gastric Cancer. <i>Anticancer Research</i> , 2019, 39, 5381-5391.	0.5	10
53	Reverse hybrid therapy achieves a similar eradication rate as standard hybrid therapy for <i>Helicobacter pylori</i> infection. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 233-237.	0.6	10
54	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> , 2021, 22, 13310.	1.8	10

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55	Co-modulated behavior and effects of differentially expressed miRNA in colorectal cancer. <i>BMC Genomics</i> , 2013, 14, S12.	1.2	9
56	MiR-182-5p enhances in vitro neutrophil infiltration in Kawasaki disease. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e990.	0.6	9
57	Peripheral BDNF correlated with miRNA in BD-II patients. <i>Journal of Psychiatric Research</i> , 2021, 136, 184-189.	1.5	9
58	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> , 2018, 36, 471-478.	0.4	9
59	Involvement of MicroRNA-1-FAM83A Axis Dysfunction in the Growth and Motility of Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8833.	1.8	8
60	Isocitrate Dehydrogenase 2 Dysfunction Contributes to 5-hydroxymethylcytosine Depletion in Gastric Cancer Cells. <i>Anticancer Research</i> , 2016, 36, 3983-90.	0.5	8
61	UBE2C triggers HIF-1 $\alpha$ glycolytic flux in head and neck squamous cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3716-3725.	1.6	8
62	Association of SDF-1 and CXCR4 Polymorphisms With Susceptibility to Oral and Pharyngeal Squamous Cell Carcinoma. <i>Anticancer Research</i> , 2019, 39, 2891-2902.	0.5	7
63	Low C6orf141 Expression is Significantly Associated with a Poor Prognosis in Patients with Oral Cancer. <i>Scientific Reports</i> , 2019, 9, 4520.	1.6	7
64	Identification of the Novel Oncogenic Role of SAAL1 and Its Therapeutic Potential in Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 1843.	1.7	7
65	Involvement of the MicroRNA-1-LITAF Axis in Gastric Cancer Cell Growth and Invasion. <i>Anticancer Research</i> , 2020, 40, 6247-6256.	0.5	6
66	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> , 2017, 112, 282-289.	0.2	5
67	microRNA-324 plays an oncogenic role in bladder cancer cell growth and motility. <i>Translational Cancer Research</i> , 2020, 9, 707-716.	0.4	5
68	Identifying Circulating MicroRNA in Kawasaki Disease by Next-Generation Sequencing Approach. <i>Current Issues in Molecular Biology</i> , 2021, 43, 485-500.	1.0	5
69	LOC550643, a Long Non-coding RNA, Acts as Novel Oncogene in Regulating Breast Cancer Growth and Metastasis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 695632.	1.8	5
70	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> , 2017, 124, 378-389.e1.	0.2	4
71	Identification of potential plasma protein biomarkers for bipolar II disorder: a preliminary/exploratory study. <i>Scientific Reports</i> , 2021, 11, 9452.	1.6	4
72	High expression of tight junction protein 1 as a predictive biomarker for bladder cancer grade and staging. <i>Scientific Reports</i> , 2022, 12, 1496.	1.6	4

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73	A Novel Hemoglobin Variant Found on the $\alpha 1$ Chain: Hb KSVGH (HBA1: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td (p.Lys572)	0.4	3
74	The efficacies of esomeprazole versus pantoprazole based reverse hybrid therapy for <i>Helicobacter pylori</i> eradication. <i>Advances in Digestive Medicine</i> , 2018, 5, 26-32.	0.1	3
75	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> , 2020, Volume 13, 4519-4529.	1.1	3
76	Simultaneous Reduction of Volume and Dose in Clinical Target Volume for Nasopharyngeal Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 495-504.	0.4	3
77	Prediction Model for Diagnosis of Kawasaki Disease Using iTRAQ-Based Analysis. <i>Children</i> , 2021, 8, 576.	0.6	3
78	TH1 <sup>2</sup> Immunological Pathway as Protective Immune Response against Prion Diseases: An Insight for Prion Infection Therapy. <i>Viruses</i> , 2022, 14, 408.	1.5	3
79	Long Noncoding RNA LOC550643 Acts as an Oncogene in the Growth Regulation of Colorectal Cancer Cells. <i>Cells</i> , 2022, 11, 1065.	1.8	3
80	Plasma BDNF and Cytokines Correlated with Protein Biomarkers for Bipolar II Disorder. <i>Journal of Personalized Medicine</i> , 2021, 11, 1282.	1.1	3
81	The association between immunoexpression levels of oxidant and antioxidant enzymes and lip squamous cell carcinoma. <i>Apmis</i> , 2018, 126, 403-412.	0.9	2