

# Chih-Yang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,903  
citations

218677

26  
h-index

189892

50  
g-index

72  
all docs

72  
docs citations

72  
times ranked

5437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell analysis reveals a stem-cell program in human metastatic breast cancer cells. <i>Nature</i> , 2015, 526, 131-135.	27.8	767
2	Matrix metalloproteinases in stem cell regulation and cancer. <i>Matrix Biology</i> , 2015, 44-46, 184-190.	3.6	152
3	Voltage-gated calcium channels: Novel targets for cancer therapy. <i>Oncology Letters</i> , 2017, 14, 2059-2074.	1.8	124
4	Systematic Analysis of Gene Expression Alterations and Clinical Outcomes for Long-Chain Acyl-Coenzyme A Synthetase Family in Cancer. <i>PLoS ONE</i> , 2016, 11, e0155660.	2.5	107
5	Meta-Analysis of Public Microarray Datasets Reveals Voltage-Gated Calcium Gene Signatures in Clinical Cancer Patients. <i>PLoS ONE</i> , 2015, 10, e0125766.	2.5	84
6	Distinct expression of CDCA3, CDCA5, and CDCA8 leads to shorter relapse free survival in breast cancer patient. <i>Oncotarget</i> , 2018, 9, 6977-6992.	1.8	81
7	Prognoses and genomic analyses of proteasome 26S subunit, ATPase (PSMC) family genes in clinical breast cancer. <i>Aging</i> , 2021, 13, 17970-17970.	3.1	69
8	Differential Expression Pattern of THBS1 and THBS2 in Lung Cancer: Clinical Outcome and a Systematic-Analysis of Microarray Databases. <i>PLoS ONE</i> , 2016, 11, e0161007.	2.5	67
9	Immune effector monocyte-neutrophil cooperation induced by the primary tumor prevents metastatic progression of breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21704-21714.	7.1	66
10	MMP9 modulates the metastatic cascade and immune landscape for breast cancer anti-metastatic therapy. <i>Life Science Alliance</i> , 2019, 2, e201800226.	2.8	61
11	LGR5 in breast cancer and ductal carcinoma in situ: a diagnostic and prognostic biomarker and a therapeutic target. <i>BMC Cancer</i> , 2020, 20, 542.	2.6	58
12	Cyclin D1 overexpression correlates with poor tumor differentiation and prognosis in gastric cancer. <i>Oncology Letters</i> , 2017, 14, 4517-4526.	1.8	55
13	RasGRP1 opposes proliferative EGFR-SOS-Ras signals and restricts intestinal epithelial cell growth. <i>Nature Cell Biology</i> , 2015, 17, 804-815.	10.3	54
14	Gene signatures of SARS-CoV/SARS-CoV-2-infected ferret lungs in short- and long-term models. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104438.	2.3	50
15	Single-cell RNA sequencing reveals gene expression signatures of breast cancer-associated endothelial cells. <i>Oncotarget</i> , 2018, 9, 10945-10961.	1.8	45
16	Therapeutics targeting CD90-integrin-AMPK-CD133 signal axis in liver cancer. <i>Oncotarget</i> , 2015, 6, 42923-42937.	1.8	41
17	Cancer stem cell marker CD90 inhibits ovarian cancer formation via $\beta$ 3 integrin. <i>International Journal of Oncology</i> , 2016, 49, 1881-1889.	3.3	39
18	Potential Prognostic Biomarkers of NIMA (Never in Mitosis, Gene A)-Related Kinase (NEK) Family Members in Breast Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 1089.	2.5	39

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19	MST3 promotes proliferation and tumorigenicity through the VAV2/Rac1 signal axis in breast cancer. <i>Oncotarget</i> , 2016, 7, 14586-14604.	1.8	37
20	A Novel Cancer Therapeutic Using Thrombospondin 1 in Dendritic Cells. <i>Molecular Therapy</i> , 2014, 22, 292-302.	8.2	35
21	Mutation of the PTCH1 gene predicts recurrence of breast cancer. <i>Scientific Reports</i> , 2019, 9, 16359.	3.3	34
22	Argininosuccinate lyase is a potential therapeutic target in breast cancer. <i>Oncology Reports</i> , 2015, 34, 3131-3139.	2.6	33
23	<i>ZNF503</i> drives aggressive breast cancer progression by down-regulation of GATA3 expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3169-3174.	7.1	32
24	Endovascular Biopsy: In Vivo Cerebral Aneurysm Endothelial Cell Sampling and Gene Expression Analysis. <i>Translational Stroke Research</i> , 2018, 9, 20-33.	4.2	32
25	Fatty acid metabolic enzyme acyl-CoA thioesterase 8 promotes the development of hepatocellular carcinoma. <i>Oncology Reports</i> , 2014, 31, 2797-2803.	2.6	31
26	The Transcriptional Repressor ZNF503/Zeppo2 Promotes Mammary Epithelial Cell Proliferation and Enhances Cell Invasion. <i>Journal of Biological Chemistry</i> , 2015, 290, 3803-3813.	3.4	29
27	The novel regulations of MEF2A, CAMKK2, CALM3, and TNNT3 in ventricular hypertrophy induced by arsenic exposure in rats. <i>Toxicology</i> , 2014, 324, 123-135.	4.2	27
28	Novel therapeutic effects of sesamin on diabetes-induced cardiac dysfunction. <i>Molecular Medicine Reports</i> , 2017, 15, 2949-2956.	2.4	27
29	Homoharringtonine induced immune alteration for an Efficient Anti-tumor Response in Mouse Models of Non-small Cell Lung Adenocarcinoma Expressing Kras Mutation. <i>Scientific Reports</i> , 2018, 8, 8216.	3.3	27
30	PSMB5 plays a dual role in cancer development and immunosuppression. <i>American Journal of Cancer Research</i> , 2017, 7, 2103-2120.	1.4	27
31	Identification of Dipeptidyl Peptidase (DPP) Family Genes in Clinical Breast Cancer Patients via an Integrated Bioinformatics Approach. <i>Diagnostics</i> , 2021, 11, 1204.	2.6	26
32	Potential Therapeutic and Prognostic Values of LSM Family Genes in Breast Cancer. <i>Cancers</i> , 2021, 13, 4902.	3.7	26
33	Gene signatures and potential therapeutic targets of amino acid metabolism in estrogen receptor-positive breast cancer. <i>American Journal of Cancer Research</i> , 2020, 10, 95-113.	1.4	26
34	Prognostic and immune infiltration signatures of proteasome 26S subunit, non-ATPase (PSMD) family genes in breast cancer patients. <i>Aging</i> , 2021, 13, 24882-24913.	3.1	25
35	Argininosuccinate lyase interacts with cyclin A2 in cytoplasm and modulates growth of liver tumor cells. <i>Oncology Reports</i> , 2017, 37, 969-978.	2.6	23
36	Systematic analysis of the achaete-scute complex-like gene signature in clinical cancer patients. <i>Molecular and Clinical Oncology</i> , 2017, 6, 7-18.	1.0	23

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37	Knockdown of serine/threonine-protein kinase 24 promotes tumorigenesis and myeloid-derived suppressor cell expansion in an orthotopic immunocompetent gastric cancer animal model. <i>Journal of Cancer</i> , 2020, 11, 213-228.	2.5	23
38	Upregulation of peroxisome proliferator-activated receptor- $\alpha$ and the lipid metabolism pathway promotes carcinogenesis of ampullary cancer. <i>International Journal of Medical Sciences</i> , 2021, 18, 256-269.	2.5	23
39	CCDC167 as a potential therapeutic target and regulator of cell cycle-related networks in breast cancer. <i>Aging</i> , 2021, 13, 4157-4181.	3.1	22
40	Prognostic and Genomic Analysis of Proteasome 20S Subunit Alpha (PSMA) Family Members in Breast Cancer. <i>Diagnostics</i> , 2021, 11, 2220.	2.6	22
41	Silencing of argininosuccinate lyase inhibits colorectal cancer formation. <i>Oncology Reports</i> , 2017, 37, 163-170.	2.6	21
42	Comprehensive Analysis of Prognostic and Genetic Signatures for General Transcription Factor III (GTF3) in Clinical Colorectal Cancer Patients Using Bioinformatics Approaches. <i>Current Issues in Molecular Biology</i> , 2021, 43, 2-20.	2.4	20
43	8-Hydroxydaidzein, an Isoflavone from Fermented Soybean, Induces Autophagy, Apoptosis, Differentiation, and Degradation of Oncoprotein BCR-ABL in K562 Cells. <i>Biomedicines</i> , 2020, 8, 506.	3.2	18
44	Gene signatures and potential therapeutic targets of Middle East respiratory syndrome coronavirus (MERS-CoV)-infected human lung adenocarcinoma epithelial cells. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 845-857.	3.1	17
45	RasGRP1 is a potential biomarker for stratifying anti-EGFR therapy response in colorectal cancer. <i>JCI Insight</i> , 2019, 4, .	5.0	17
46	Optimization protein productivity of human interleukin-2 through codon usage, gene copy number and intracellular tRNA concentration in CHO cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 347-352.	2.1	16
47	PODXL2 maintains cellular stemness and promotes breast cancer development through the Rac1/Akt pathway. <i>International Journal of Medical Sciences</i> , 2020, 17, 1639-1651.	2.5	16
48	Novel signaling pathways regulate SARS-CoV and SARS-CoV-2 infectious disease. <i>Medicine (United Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.0	16
49	Analysis of LAGEs Family Gene Signature and Prognostic Relevance in Breast Cancer. <i>Diagnostics</i> , 2021, 11, 726.	2.6	16
50	Gene signatures and prognostic analyses of the Tob/BTG pituitary tumor-transforming gene (PTTG) family in clinical breast cancer patients. <i>International Journal of Medical Sciences</i> , 2020, 17, 3112-3124.	2.5	15
51	The Lipid-Modulating Effect of Tangeretin on the Inhibition of Angiopoietin-like 3 (ANGPTL3) Gene Expression through Regulation of LXRI $\alpha$ Activation in Hepatic Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9853.	4.1	14
52	HDAC6 involves in regulating the lncRNA-microRNA-mRNA network to promote the proliferation of glioblastoma cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 47.	8.6	14
53	Galectin-1 orchestrates an inflammatory tumor-stroma crosstalk in hepatoma by enhancing TNFR1 protein stability and signaling in carcinoma-associated fibroblasts. <i>Oncogene</i> , 2022, 41, 3011-3023.	5.9	14
54	Severe acute respiratory syndrome coronavirus (SARS-CoV)-2 infection induces dysregulation of immunity: <i>in silico</i> gene expression analysis. <i>International Journal of Medical Sciences</i> , 2021, 18, 1143-1152.	2.5	13

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55	Potential Prognostic Biomarkers of OSBPL Family Genes in Patients with Pancreatic Ductal Adenocarcinoma. <i>Biomedicines</i> , 2021, 9, 1601.	3.2	13
56	Endovascular biopsy: Strategy for analyzing gene expression profiles of individual endothelial cells obtained from human vessels. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 7, 157-165.	4.4	11
57	&lt;p&gt;Cancer-Derived Transforming Growth Factor- $\beta$ Modulates Tumor-Associated Macrophages in Ampullary Cancer&lt;/p&gt;. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 7503-7516.	2.0	11
58	Overexpressed gene signature of EPH receptor A/B family in cancer patients-comprehensive analyses from the public high-throughput database. <i>International Journal of Clinical and Experimental Pathology</i> , 2020, 13, 1220-1242.	0.5	11
59	Novel Insights into the Prognosis and Immunological Value of the SLC35A (Solute Carrier 35A) Family Genes in Human Breast Cancer. <i>Biomedicines</i> , 2021, 9, 1804.	3.2	11
60	8-Hydroxydaidzein Downregulates JAK/STAT, MMP, Oxidative Phosphorylation, and PI3K/AKT Pathways in K562 Cells. <i>Biomedicines</i> , 2021, 9, 1907.	3.2	11
61	Expression Profile and Prognostic Value of Wnt Signaling Pathway Molecules in Colorectal Cancer. <i>Biomedicines</i> , 2021, 9, 1331.	3.2	10
62	Novel regulations of MEF2-A, MEF2-D, and CACNA1S in the functional incompetence of adipose-derived mesenchymal stem cells by induced indoxyl sulfate in chronic kidney disease. <i>Cytotechnology</i> , 2016, 68, 2589-2604.	1.6	7
63	Expression Profiles and Prognostic Value of FABPs in Colorectal Adenocarcinomas. <i>Biomedicines</i> , 2021, 9, 1460.	3.2	6
64	Bioinformatics Analysis Identifies Precision Treatment with Paclitaxel for Hepatocellular Carcinoma Patients Harboring Mutant TP53 or Wild-Type CTNNB1 Gene. <i>Journal of Personalized Medicine</i> , 2021, 11, 1199.	2.5	4
65	Paxillin Is Required for Proper Spinal Motor Axon Growth into the Limb. <i>Journal of Neuroscience</i> , 2021, 41, 3808-3821.	3.6	3
66	Serine/threonine-protein kinase 24 is an inhibitor of gastric cancer metastasis through suppressing gene and enhancing stemness. <i>American Journal of Cancer Research</i> , 2021, 11, 4277-4293.	1.4	3
67	5-Demethylnobiletin Inhibits Cell Proliferation, Downregulates ID1 Expression, Modulates the NF- $\kappa$ B/TNF- $\alpha$ Pathway and Exerts Antileukemic Effects in AML Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7392.	4.1	3
68	A New Light on Potential Therapeutic Targets for Colorectal Cancer Treatment. <i>Biomedicines</i> , 2021, 9, 1438.	3.2	2
69	Vav2 is required for Netrin-1 receptor-class-specific spinal motor axon guidance. <i>Developmental Dynamics</i> , 2022, 251, 444-458.	1.8	1
70	TDP-43 is essential for Eph receptor-class-specific spinal motor axon trajectory into the limb. <i>Neuroscience Research</i> , 2021, , .	1.9	0
71	Modulating tumor immune microenvironment by the STK11/LKB1 signaling in breast cancer.. <i>Journal of Clinical Oncology</i> , 2020, 38, e15185-e15185.	1.6	0