

Yu-Sun Chang

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

3,634
citations

136950

32
h-index

144013

57
g-index

88
all docs

88
docs citations

88
times ranked

7283
citing authors

#	ARTICLE	IF	CITATIONS
1	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. <i>JAMA Oncology</i> , 2017, 3, 636.	7.1	376
2	The Epstein-Barr virus oncogene product, latent membrane protein 1, induces the downregulation of E-cadherin gene expression via activation of DNA methyltransferases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10084-10089.	7.1	273
3	Genetic Variants Associated With Phenytoin-Related Severe Cutaneous Adverse Reactions. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 525.	7.4	256
4	Activation of DNA Methyltransferase 1 by EBV LMP1 Involves c-Jun NH2-Terminal Kinase Signaling. <i>Cancer Research</i> , 2006, 66, 11668-11676.	0.9	222
5	Tumour inflammasome-derived IL-1 β recruits neutrophils and improves local recurrence-free survival in EBV-induced nasopharyngeal carcinoma. <i>EMBO Molecular Medicine</i> , 2012, 4, 1276-1293.	6.9	141
6	MicroRNAs in acute kidney injury. <i>Human Genomics</i> , 2016, 10, 29.	2.9	95
7	Saliva protein biomarkers to detect oral squamous cell carcinoma in a high-risk population in Taiwan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11549-11554.	7.1	91
8	The Epstein-Barr Virus-Encoded MicroRNA MiR-BART9 Promotes Tumor Metastasis by Targeting E-Cadherin in Nasopharyngeal Carcinoma. <i>PLoS Pathogens</i> , 2014, 10, e1003974.	4.7	89
9	APOBEC3A is an oral cancer prognostic biomarker in Taiwanese carriers of an APOBEC deletion polymorphism. <i>Nature Communications</i> , 2017, 8, 465.	12.8	89
10	MicroRNA-223 and microRNA-92a in stool and plasma samples act as complementary biomarkers to increase colorectal cancer detection. <i>Oncotarget</i> , 2016, 7, 10663-10675.	1.8	81
11	Systemic Approach to Identify Serum microRNAs as Potential Biomarkers for Acute Myocardial Infarction. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	76
12	Pretreatment with a Heat-Killed Probiotic Modulates the NLRP3 Inflammasome and Attenuates Colitis-Associated Colorectal Cancer in Mice. <i>Nutrients</i> , 2019, 11, 516.	4.1	73
13	Second malignant tumors in patients with nasopharyngeal carcinoma and their association with Epstein-Barr virus. <i>International Journal of Cancer</i> , 2000, 87, 228-231.	5.1	72
14	Pyk2 activates the NLRP3 inflammasome by directly phosphorylating ASC and contributes to inflammasome-dependent peritonitis. <i>Scientific Reports</i> , 2016, 6, 36214.	3.3	70
15	Identification and Characterization of Potential Biomarkers by Quantitative Tissue Proteomics of Primary Lung Adenocarcinoma. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2396-2410.	3.8	65
16	Comparative Tissue Proteomics of Microdissected Specimens Reveals Novel Candidate Biomarkers of Bladder Cancer. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2466-2478.	3.8	62
17	A novel role for TNFAIP2: its correlation with invasion and metastasis in nasopharyngeal carcinoma. <i>Modern Pathology</i> , 2011, 24, 175-184.	5.5	57
18	Plasma Epstein-Barr virus DNA concentration and clearance rate as novel prognostic factors for metastatic nasopharyngeal carcinoma. <i>Head and Neck</i> , 2012, 34, 1064-1070.	2.0	57

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19	Metabolite marker discovery for the detection of bladder cancer by comparative metabolomics. <i>Oncotarget</i> , 2017, 8, 38802-38810.	1.8	51
20	Identification of CD24 as a Cancer Stem Cell Marker in Human Nasopharyngeal Carcinoma. <i>PLoS ONE</i> , 2014, 9, e99412.	2.5	49
21	Heterogeneous Ribonucleoprotein K and Thymidine Phosphorylase Are Independent Prognostic and Therapeutic Markers for Nasopharyngeal Carcinoma. <i>Clinical Cancer Research</i> , 2008, 14, 3807-3813.	7.0	48
22	The Microtubule-associated Protein EB1 Links AIM2 Inflammasomes with Autophagy-dependent Secretion. <i>Journal of Biological Chemistry</i> , 2014, 289, 29322-29333.	3.4	47
23	Aberrant methylation impairs low density lipoprotein receptor-related protein 1B tumor suppressor function in gastric cancer. <i>Genes Chromosomes and Cancer</i> , 2010, 49, 412-424.	2.8	46
24	A GWAS Meta-analysis and Replication Study Identifies a Novel Locus within <i>CLPTM1L/TERT</i> Associated with Nasopharyngeal Carcinoma in Individuals of Chinese Ancestry. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 188-192.	2.5	45
25	Matrix metalloproteinase 12 is induced by heterogeneous nuclear ribonucleoprotein K and promotes migration and invasion in nasopharyngeal carcinoma. <i>BMC Cancer</i> , 2014, 14, 348.	2.6	39
26	Silencing of miRNA-148a by hypermethylation activates the integrin-mediated signaling pathway in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2014, 5, 7610-7624.	1.8	38
27	Human Leukocyte Antigens and Epstein-Barr Virus-Associated Nasopharyngeal Carcinoma: Old Associations Offer New Clues into the Role of Immunity in Infection-Associated Cancers. <i>Frontiers in Oncology</i> , 2013, 3, 299.	2.8	37
28	Low-molecular-mass secretome profiling identifies HMGA2 and MIF as prognostic biomarkers for oral cavity squamous cell carcinoma. <i>Scientific Reports</i> , 2015, 5, 11689.	3.3	37
29	Cytoplasmic LIF reprograms invasive mode to enhance NPC dissemination through modulating YAP1-FAK/PXN signaling. <i>Nature Communications</i> , 2018, 9, 5105.	12.8	37
30	A Genetic Cascade of <i>let-7-ncl-1-fib-1</i> Modulates Nucleolar Size and rRNA Pool in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2015, 11, e1005580.	3.5	37
31	Overexpressed tryptophanyl-tRNA synthetase, an angiostatic protein, enhances oral cancer cell invasiveness. <i>Oncotarget</i> , 2015, 6, 21979-21992.	1.8	37
32	Histidine-Dependent Protein Methylation Is Required for Compartmentalization of CTP Synthase. <i>Cell Reports</i> , 2018, 24, 2733-2745.e7.	6.4	36
33	Integrated analyses utilizing metabolomics and transcriptomics reveal perturbation of the polyamine pathway in oral cavity squamous cell carcinoma. <i>Analytica Chimica Acta</i> , 2019, 1050, 113-122.	5.4	34
34	Aberrantly hypermethylated Homeobox A2 derepresses metalloproteinase-9 through TBP and promotes invasion in Nasopharyngeal carcinoma. <i>Oncotarget</i> , 2013, 4, 2154-2165.	1.8	34
35	A negative-pressure-driven microfluidic chip for the rapid detection of a bladder cancer biomarker in urine using bead-based enzyme-linked immunosorbent assay. <i>Biomicrofluidics</i> , 2013, 7, 24103.	2.4	33
36	A circulating miRNA signature for early diagnosis of acute kidney injury following acute myocardial infarction. <i>Journal of Translational Medicine</i> , 2019, 17, 139.	4.4	33

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37	In-depth Proteomic Analysis of Six Types of Exudative Pleural Effusions for Nonsmall Cell Lung Cancer Biomarker Discovery. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 917-932.	3.8	32
38	Development of a Multiplexed Liquid Chromatography Multiple-Reaction-Monitoring Mass Spectrometry (LC-MRM/MS) Method for Evaluation of Salivary Proteins as Oral Cancer Biomarkers. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 799-811.	3.8	30
39	Assessment of candidate biomarkers in paired saliva and plasma samples from oral cancer patients by targeted mass spectrometry. <i>Journal of Proteomics</i> , 2020, 211, 103571.	2.4	30
40	CD5 positivity is an independent adverse prognostic factor in elderly patients with diffuse large B cell lymphoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2015, 467, 571-582.	2.8	28
41	ASC contributes to metastasis of oral cavity squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 50074-50085.	1.8	27
42	Src-family kinase-Cbl axis negatively regulates NLRP3 inflammasome activation. <i>Cell Death and Disease</i> , 2018, 9, 1109.	6.3	26
43	Inactivation of the tight junction gene CLDN11 by aberrant hypermethylation modulates tubulin polymerization and promotes cell migration in nasopharyngeal carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 102.	8.6	25
44	Mitochondrial Oxidative Phosphorylation Complex Regulates NLRP3 Inflammasome Activation and Predicts Patient Survival in Nasopharyngeal Carcinoma. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 142-154.	3.8	25
45	Interactome-wide Analysis Identifies End-binding Protein 1 as a Crucial Component for the Speck-like Particle Formation of Activated Absence in Melanoma 2 (AIM2) Inflammasomes. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1230-1244.	3.8	24
46	Heterogeneous ribonucleoprotein K and thymidine phosphorylase are independent prognostic and therapeutic markers for oral squamous cell carcinoma. <i>Oral Oncology</i> , 2012, 48, 516-522.	1.5	24
47	Integrated genomic analyses in PDX model reveal a cyclin-dependent kinase inhibitor Palbociclib as a novel candidate drug for nasopharyngeal carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 233.	8.6	23
48	An immuno-MALDI mass spectrometry assay for the oral cancer biomarker, matrix metalloproteinase-1, in dried saliva spot samples. <i>Analytica Chimica Acta</i> , 2020, 1100, 118-130.	5.4	23
49	Development of a Multiplexed Assay for Oral Cancer Candidate Biomarkers Using Peptide Immunoaffinity Enrichment and Targeted Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1829-1849.	3.8	22
50	Quantitative Proteomics Reveals a Novel Role of Karyopherin Alpha 2 in Cell Migration through the Regulation of Vimentinâ€”pErk Protein Complex Levels in Lung Cancer. <i>Journal of Proteome Research</i> , 2015, 14, 1739-1751.	3.7	19
51	Pleomorphic mantle cell lymphoma morphologically mimicking diffuse large B cell lymphoma: common cyclin D1 negativity and a simple immunohistochemical algorithm to avoid the diagnostic pitfall. <i>Histopathology</i> , 2017, 70, 986-999.	2.9	18
52	Variability Assessment of 90 Salivary Proteins in Intraday and Interday Samples from Healthy Donors by Multiple Reaction Monitoringâ€”Mass Spectrometry. <i>Proteomics - Clinical Applications</i> , 2018, 12, 1700039.	1.6	17
53	How Genome-Wide SNP-SNP Interactions Relate to Nasopharyngeal Carcinoma Susceptibility. <i>PLoS ONE</i> , 2013, 8, e83034.	2.5	17
54	Systematic verification of bladder cancer-associated tissue protein biomarker candidates in clinical urine specimens. <i>Oncotarget</i> , 2018, 9, 30731-30747.	1.8	16

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55	Application of a patient-derived xenograft model in cytolytic viral activation therapy for nasopharyngeal carcinoma. <i>Oncotarget</i> , 2015, 6, 31323-31334.	1.8	16
56	Genetic variants of PPAR-gamma coactivator 1B augment NLRP3-mediated inflammation in gouty arthritis. <i>Rheumatology</i> , 2017, 56, kew337.	1.9	15
57	Patterns of Human Leukocyte Antigen Class I and Class II Associations and Cancer. <i>Cancer Research</i> , 2021, 81, 1148-1152.	0.9	15
58	mTOR regulates proteasomal degradation and Dp1/E2F1- mediated transcription of KPNA2 in lung cancer cells. <i>Oncotarget</i> , 2016, 7, 25432-25442.	1.8	15
59	RNA recombination in Hepatitis delta virus: Identification of a novel naturally occurring recombinant. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 771-780.	3.1	14
60	EFLA 945 restricts AIM2 inflammasome activation by preventing DNA entry for psoriasis treatment. <i>Cytokine</i> , 2020, 127, 154951.	3.2	14
61	Cbl Negatively Regulates NLRP3 Inflammasome Activation through GLUT1-Dependent Glycolysis Inhibition. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5104.	4.1	14
62	Cotargeting CHK1 and PI3K Synergistically Suppresses Tumor Growth of Oral Cavity Squamous Cell Carcinoma in Patient-Derived Xenografts. <i>Cancers</i> , 2020, 12, 1726.	3.7	14
63	Targeted sequencing of cancer-related genes in nasopharyngeal carcinoma identifies mutations in the TGF β 2 pathway. <i>Cancer Medicine</i> , 2019, 8, 5116-5127.	2.8	13
64	Role of leukemia inhibitory factor in nasopharyngeal carcinogenesis. <i>Molecular and Cellular Oncology</i> , 2014, 1, e29900.	0.7	11
65	MicroRNA-205 Targets Tight Junction-related Proteins during Urothelial Cellular Differentiation. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2321-2336.	3.8	10
66	Correlation between overall survival and differential plasma and tissue tumor marker expression in nasopharyngeal carcinoma patients with different sites of organ metastasis. <i>Oncotarget</i> , 2016, 7, 53217-53229.	1.8	9
67	Simultaneous separation of five major ribonucleic acids by capillary electrophoresis with laser-induced fluorescence in the presence of electroosmotic flow: Application to the rapid screening of 5S rRNA from ovarian cancer cells. <i>Analytica Chimica Acta</i> , 2014, 847, 73-9.	5.4	7
68	The V-val subtype Epstein-Barr virus nuclear antigen 1 promotes cell survival after serum withdrawal. <i>Oncology Reports</i> , 2015, 33, 958-966.	2.6	7
69	Quantitative analysis of wild-type and V600E mutant BRAF proteins in colorectal carcinoma using immunoenrichment and targeted mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 933, 144-155.	5.4	7
70	Bretschneider solution-induced alterations in the urine metabolome in cardiac surgery patients. <i>Scientific Reports</i> , 2018, 8, 17774.	3.3	7
71	SNAP29 mediates the assembly of histidine-induced CTP synthase filaments in proximity to the cytokeratin network. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	6
72	Integrin-mediated Membrane Blebbing Is Dependent on Sodium-Proton Exchanger 1 and Sodium-Calcium Exchanger 1 Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 10316-10324.	3.4	5

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73	Sensitive detection of unlabeled oligonucleotides using a paired surface plasma waves biosensor. <i>Biosensors and Bioelectronics</i> , 2012, 35, 342-348.	10.1	5
74	MicroRNA-based signature for diagnosis and prognosis of colorectal cancer using residuum of fecal immunochemical test. <i>Biomedical Journal</i> , 2023, 46, 144-153.	3.1	5
75	Modulation of the growth and morphology of a human nasopharyngeal carcinoma cell line by growth factors. <i>In Vitro Cellular & Developmental Biology</i> , 1992, 28, 561-564.	1.0	4
76	EBV Oncogene N-LMP1 Induces CD4 T Cell-Mediated Angiogenic Blockade in the Murine Tumor Model. <i>Journal of Immunology</i> , 2015, 194, 4577-4587.	0.8	4
77	ASC modulates HIF-1 α stability and induces cell mobility in OSCC. <i>Cell Death and Disease</i> , 2020, 11, 721.	6.3	4
78	Combination of Epithelial Growth Factor Receptor Blockers and CDK4/6 Inhibitor for Nasopharyngeal Carcinoma Treatment. <i>Cancers</i> , 2021, 13, 2954.	3.7	4
79	Practical Procedures for Improving Detection of Circulating miRNAs in Cardiovascular Diseases. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 977-987.	2.4	4
80	Epstein-Barr Virus Latent Membrane Protein 1: Structure and Functions. <i>Journal of Biomedical Science</i> , 2003, 10, 490-504.	7.0	4
81	Serum microRNA panels predict bariatric surgery outcomes. <i>Obesity</i> , 2022, 30, 389-399.	3.0	3
82	Spontaneous metastases in immunocompetent mice harboring a primary tumor driven by oncogene latent membrane protein 1 from Epstein-Barr virus. <i>Biomedical Journal</i> , 2016, 39, 261-271.	3.1	2
83	circRNAome Profiling in Oral Carcinoma Unveils a Novel circFLNB that Mediates Tumour Growth-Regulating Transcriptional Response. <i>Cells</i> , 2020, 9, 1868.	4.1	2
84	Genomic and Molecular Signatures of Successful Patient-Derived Xenografts for Oral Cavity Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 792297.	2.8	2
85	Epstein-Barr Virus and Its Oncogenesis. , 2009, , 209-267.		1
86	Integrin-mediated membrane blebbing is dependent on the NHE1 and NCX1 activities.. <i>Nature Precedings</i> , 2011, , .	0.1	1
87	Nucleolar control by a non-apoptotic p53-caspases-deubiquitinylase axis promotes resistance to bacterial infection. <i>FASEB Journal</i> , 2020, 34, 1107-1121.	0.5	1
88	Quantitative proteomics reveals regulation of KPNA2 and its potential novel cargo proteins in non-small cell lung cancer. <i>FASEB Journal</i> , 2013, 27, 812.1.	0.5	0