

Yun Chen

List of Publications by Citations

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106
papers

2,523
citations

27
h-index

46
g-index

124
ext. papers

3,382
ext. citations

7.4
avg, IF

5.49
L-index

#	Paper	IF	Citations
106	Interleukin-22 promotes human hepatocellular carcinoma by activation of STAT3. <i>Hepatology</i> , 2011 , 54, 900-9	11.2	220
105	The long noncoding RNA lnc-EGFR stimulates T-regulatory cells differentiation thus promoting hepatocellular carcinoma immune evasion. <i>Nature Communications</i> , 2017 , 8, 15129	17.4	182
104	Circular BANP, an upregulated circular RNA that modulates cell proliferation in colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 88, 138-144	7.5	128
103	Fabrication, modification, and application of poly(methyl methacrylate) microfluidic chips. <i>Electrophoresis</i> , 2008 , 29, 1801-14	3.6	115
102	CircIRA3 sponges miR-3607 to facilitate breast cancer metastasis. <i>Cancer Letters</i> , 2018 , 430, 179-192	9.9	103
101	Electrochemiluminescence imaging for parallel single-cell analysis of active membrane cholesterol. <i>Analytical Chemistry</i> , 2015 , 87, 8138-43	7.8	85
100	Hsa_circ_0058124 promotes papillary thyroid cancer tumorigenesis and invasiveness through the NOTCH3/GATAD2A axis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 318	12.8	73
99	Recent Update on the Pharmacological Effects and Mechanisms of Dihydromyricetin. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1204	5.6	63
98	CD24 regulates sorafenib resistance via activating autophagy in hepatocellular carcinoma. <i>Cell Death and Disease</i> , 2018 , 9, 646	9.8	56
97	Differential drug resistance acquisition to doxorubicin and paclitaxel in breast cancer cells. <i>Cancer Cell International</i> , 2014 , 14, 142	6.4	49
96	Gut microbial metabolites facilitate anticancer therapy efficacy by modulating cytotoxic CD8 T cell immunity. <i>Cell Metabolism</i> , 2021 , 33, 988-1000.e7	24.6	49
95	A Frizzled-Like Cysteine-Rich Domain in Glypican-3 Mediates Wnt Binding and Regulates Hepatocellular Carcinoma Tumor Growth in Mice. <i>Hepatology</i> , 2019 , 70, 1231-1245	11.2	48
94	Nodularins in poisoning. <i>Clinica Chimica Acta</i> , 2013 , 425, 18-29	6.2	44
93	Distinct Types of Cell Death and the Implication in Diabetic Cardiomyopathy. <i>Frontiers in Pharmacology</i> , 2020 , 11, 42	5.6	43
92	MicroRNA-132 and microRNA-212 mediate doxorubicin resistance by down-regulating the PTEN-AKT/NF- κ B signaling pathway in breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 102, 286-294	7.5	38
91	Quantification of microRNA by DNA-Peptide Probe and Liquid Chromatography-Tandem Mass Spectrometry-Based Quasi-Targeted Proteomics. <i>Analytical Chemistry</i> , 2016 , 88, 754-63	7.8	38
90	Wnt/ β -catenin signaling plays an essential role in α 7 nicotinic receptor-mediated neuroprotection of dopaminergic neurons in a mouse Parkinson's disease model. <i>Biochemical Pharmacology</i> , 2017 , 140, 115-123	6	37

89	Attenuated <i>Listeria monocytogenes</i> as a cancer vaccine vector for the delivery of CD24, a biomarker for hepatic cancer stem cells. <i>Cellular and Molecular Immunology</i> , 2014 , 11, 184-96	15.4	37
88	Epstein-Barr virus-encoded latent membrane protein 2A promotes the epithelial-mesenchymal transition in nasopharyngeal carcinoma via metastatic tumor antigen 1 and mechanistic target of rapamycin signaling induction. <i>Journal of Virology</i> , 2014 , 88, 11872-85	6.6	35
87	Efficient Molecular Imprinting Strategy for Quantitative Targeted Proteomics of Human Transferrin Receptor in Depleted Human Serum. <i>Analytical Chemistry</i> , 2015 , 87, 10910-9	7.8	34
86	Sustainable and Self-Enhanced Electrochemiluminescent Ternary Suprastructures Derived from CsPbBr ₃ Perovskite Quantum Dots. <i>Advanced Functional Materials</i> , 2019 , 29, 1902533	15.6	33
85	Photostable pH-Sensitive Near-Infrared Aggregation-Induced Emission Luminogen for Long-Term Mitochondrial Tracking. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13134-13139	9.5	31
84	IL-6 promotes PD-L1 expression in monocytes and macrophages by decreasing protein tyrosine phosphatase receptor type O expression in human hepatocellular carcinoma 2020 , 8,		31
83	Aldo-keto reductase 1C3 (AKR1C3) is associated with the doxorubicin resistance in human breast cancer via PTEN loss. <i>Biomedicine and Pharmacotherapy</i> , 2015 , 69, 317-25	7.5	31
82	Prostacyclin analogue beraprost inhibits cardiac fibroblast proliferation depending on prostacyclin receptor activation through a TGF- β /Smad signal pathway. <i>PLoS ONE</i> , 2014 , 9, e98483	3.7	30
81	Simultaneous Detection of Human C-Terminal p53 Isoforms by Single Template Molecularly Imprinted Polymers (MIPs) Coupled with Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)-Based Targeted Proteomics. <i>Analytical Chemistry</i> , 2018 , 90, 3058-3066	7.8	29
80	Doxorubicin conjugated with a trastuzumab epitope and an MMP-2 sensitive peptide linker for the treatment of HER2-positive breast cancer. <i>Drug Delivery</i> , 2018 , 25, 448-460	7	29
79	Quantitative assessment of human serum transferrin receptor in breast cancer patients pre- and post-chemotherapy using peptide immunoaffinity enrichment coupled with targeted proteomics. <i>Clinica Chimica Acta</i> , 2015 , 448, 118-23	6.2	26
78	A targeted proteomics approach to the quantitative analysis of ERK/Bcl-2-mediated anti-apoptosis and multi-drug resistance in breast cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 7491-503	4.4	26
77	Estradiol attenuates the TGF- β -induced conversion of primary TAFs into myofibroblasts and inhibits collagen production and myofibroblast contraction by modulating the Smad and Rho/ROCK signaling pathways. <i>International Journal of Molecular Medicine</i> , 2015 , 36, 801-7	4.4	26
76	Sirtuin 3 deficiency exacerbates diabetic cardiomyopathy via necroptosis enhancement and NLRP3 activation. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 230-241	8	26
75	Dual-targeting hybrid peptide-conjugated doxorubicin for drug resistance reversal in breast cancer. <i>International Journal of Pharmaceutics</i> , 2016 , 512, 1-13	6.5	25
74	An investigation of heat shock protein 27 and P-glycoprotein mediated multi-drug resistance in breast cancer using liquid chromatography-tandem mass spectrometry-based targeted proteomics. <i>Journal of Proteomics</i> , 2014 , 108, 188-97	3.9	25
73	Coupling a Wireless Bipolar Ultramicroelectrode with Nano-electrospray Ionization Mass Spectrometry: Insights into the Ultrafast Initial Step of Electrochemical Reactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18244-18248	16.4	25
72	Exogenous Hydrogen Sulfide Supplement Attenuates Isoproterenol-Induced Myocardial Hypertrophy in a Sirtuin 3-Dependent Manner. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 9396089	6.7	25

71	Acid-Sensitive Peptide-Conjugated Doxorubicin Mediates the Lysosomal Pathway of Apoptosis and Reverses Drug Resistance in Breast Cancer. <i>Molecular Pharmaceutics</i> , 2015 , 12, 2217-28	5.6	23
70	Quantification of human serum transferrin using liquid chromatography-tandem mass spectrometry based targeted proteomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 902, 10-5	3.2	23
69	CD24 promotes HCC progression via triggering Notch-related EMT and modulation of tumor microenvironment. <i>Tumor Biology</i> , 2016 , 37, 6073-84	2.9	22
68	Targeted Proteomics Enables Simultaneous Quantification of Folate Receptor Isoforms and Potential Isoform-based Diagnosis in Breast Cancer. <i>Scientific Reports</i> , 2015 , 5, 16733	4.9	22
67	Listeria-based hepatocellular carcinoma vaccine facilitates anti-PD-1 therapy by regulating macrophage polarization. <i>Oncogene</i> , 2020 , 39, 1429-1444	9.2	22
66	Duplex-Specific Nuclease-Mediated Amplification Strategy for Mass Spectrometry Quantification of MiRNA-200c in Breast Cancer Stem Cells. <i>Analytical Chemistry</i> , 2019 , 91, 8820-8826	7.8	18
65	Site- and structure-specific characterization of N-glycoprotein markers of MCF-7 cancer stem cells using isotopic-labelling quantitative N-glycoproteomics. <i>Chemical Communications</i> , 2019 , 55, 7934-7937	5.8	18
64	Engineering a self-navigated MnARK nanovaccine for inducing potent protective immunity against novel coronavirus. <i>Nano Today</i> , 2021 , 38, 101139	17.9	18
63	Meta-analysis of genome-wide association studies and functional assays decipher susceptibility genes for gastric cancer in Chinese populations. <i>Gut</i> , 2020 , 69, 641-651	19.2	18
62	Fabrication of PMMA CE microchips by infrared-assisted polymerization. <i>Electrophoresis</i> , 2008 , 29, 4922-3.6	3.6	17
61	A Quasi-direct LC-MS/MS-based Targeted Proteomics Approach for miRNA Quantification via a Covalently Immobilized DNA-peptide Probe. <i>Scientific Reports</i> , 2017 , 7, 5669	4.9	16
60	Factors influencing the association between CYP17 T34C polymorphism and the risk of breast cancer: meta-regression and subgroup analysis. <i>Breast Cancer Research and Treatment</i> , 2010 , 122, 471-81.4	11.4	16
59	Comparison of liquid chromatography-tandem mass spectrometry-based targeted proteomics and conventional analytical methods for the determination of P-glycoprotein in human breast cancer cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 936, 18-24	3.2	15
58	A liquid chromatography-tandem mass spectrometry-based targeted proteomics assay for monitoring P-glycoprotein levels in human breast tissue. <i>Clinica Chimica Acta</i> , 2014 , 436, 283-9	6.2	14
57	A Combination of DNA-peptide Probes and Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS): A Quasi-Targeted Proteomics Approach for Multiplexed MicroRNA Quantification. <i>Theranostics</i> , 2017 , 7, 2849-2862	12.1	14
56	An assessment of a TNF polymorphic marker for the risk of HCV infection: meta-analysis and a new clinical study design. <i>Infection, Genetics and Evolution</i> , 2009 , 9, 1356-63	4.5	14
55	Smoothed Promotes Glioblastoma Radiation Resistance Via Activating USP3-Mediated Caspin Deubiquitination. <i>Clinical Cancer Research</i> , 2020 , 26, 1749-1762	12.9	14
54	Ca/calmodulin-dependent protein kinase II regulation by inhibitor 1 of protein phosphatase 1 alleviates necroptosis in high glucose-induced cardiomyocytes injury. <i>Biochemical Pharmacology</i> , 2019 , 163, 194-205	6	13

53	Inhibitor 1 of Protein Phosphatase 1 Regulates Ca/Calmodulin-Dependent Protein Kinase II to Alleviate Oxidative Stress in Hypoxia-Reoxygenation Injury of Cardiomyocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 2193019	6.7	13
52	Improved Detection of HER2 by a Quasi-Targeted Proteomics Approach Using Aptamer-Peptide Probe and Liquid Chromatography-Tandem Mass Spectrometry. <i>Clinical Chemistry</i> , 2018 , 64, 526-535	5.5	13
51	Quantitative site- and structure-specific N-glycoproteomics characterization of differential N-glycosylation in MCF-7/ADR cancer stem cells. <i>Clinical Proteomics</i> , 2020 , 17, 3	5	12
50	LC-MS/MS-based targeted proteomics quantitatively detects the interaction between p53 and MDM2 in breast cancer. <i>Journal of Proteomics</i> , 2017 , 152, 172-180	3.9	12
49	Possible risk modifications in the association between MnSOD Ala-9Val polymorphism and breast cancer risk: subgroup analysis and evidence-based sample size calculation for a future trial. <i>Breast Cancer Research and Treatment</i> , 2011 , 125, 495-504	4.4	12
48	Co3O4-cored carbon dots for chemiluminescence analysis of intracellular hydrogen peroxide. <i>RSC Advances</i> , 2016 , 6, 39480-39483	3.7	12
47	Simultaneous detection of site-specific histone methylations and acetylation assisted by single template oriented molecularly imprinted polymers. <i>Analyst, The</i> , 2020 , 145, 1376-1383	5	11
46	Targeting breast cancer stem cells by a self-assembled, aptamer-conjugated DNA nanotrains with preloading doxorubicin. <i>International Journal of Nanomedicine</i> , 2019 , 14, 6831-6842	7.3	11
45	PTPROt maintains T cell immunity in the microenvironment of hepatocellular carcinoma. <i>Journal of Molecular Cell Biology</i> , 2015 , 7, 338-50	6.3	10
44	S100A4 hypomethylation affects epithelial-mesenchymal transition partially induced by LMP2A in nasopharyngeal carcinoma. <i>Molecular Carcinogenesis</i> , 2016 , 55, 1467-76	5	10
43	The attenuated hepatocellular carcinoma-specific Listeria vaccine Lmdd-MPFG prevents tumor occurrence through immune regulation of dendritic cells. <i>Oncotarget</i> , 2015 , 6, 8822-38	3.3	9
42	B cells polarize pathogenic inflammatory T helper subsets through ICOSL-dependent glycolysis. <i>Science Advances</i> , 2020 , 6,	14.3	9
41	An amplification strategy using DNA-Peptide dendrimer probe and mass spectrometry for sensitive MicroRNA detection in breast cancer. <i>Analytica Chimica Acta</i> , 2019 , 1069, 73-81	6.6	8
40	Metformin Promotes Beclin1-Dependent Autophagy to Inhibit the Progression of Gastric Cancer. <i>OncoTargets and Therapy</i> , 2020 , 13, 4445-4455	4.4	8
39	A self-assembled pH/enzyme dual-responsive prodrug with PEG deshielding for multidrug-resistant tumor therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1290-1301	7.3	8
38	Subcellular Quantification of Doxorubicin and Its Metabolite in Cultured Human Leukemia Cells Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Letters</i> , 2012 , 45, 1980-1994	2.2	8
37	Potent dendritic cell vaccine loaded with latent membrane protein 2A (LMP2A). <i>Cellular and Molecular Immunology</i> , 2008 , 5, 365-72	15.4	8
36	Dihydromyricetin Improves Endothelial Dysfunction in Diabetic Mice via Oxidative Stress Inhibition in a SIRT3-Dependent Manner. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8

35	Mass spectrometry-based chemical mapping and profiling toward molecular understanding of diseases in precision medicine. <i>Chemical Science</i> , 2021 , 12, 7993-8009	9.4	8
34	Protective role of sirtuin3 against oxidative stress and NLRP3 inflammasome in cholesterol accumulation and foam cell formation of macrophages with ox-LDL-stimulation. <i>Biochemical Pharmacology</i> , 2021 , 192, 114665	6	8
33	A quantitative N-glycoproteomics study of cell-surface N-glycoprotein markers of MCF-7/ADR cancer stem cells. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 2423-2432	4.4	7
32	Tumor-associated macrophages promote PD-L1 expression in tumor cells by regulating PKM2 nuclear translocation in pancreatic ductal adenocarcinoma. <i>Oncogene</i> , 2021 ,	9.2	7
31	Simultaneous quantification of Cyt c interactions with HSP27 and Bcl-xL using molecularly imprinted polymers (MIPs) coupled with liquid chromatography-tandem mass spectrometry (LC-MS/MS)-based targeted proteomics. <i>Journal of Proteomics</i> , 2019 , 192, 188-195	3.9	7
30	Mass Spectrometry-Based Protein Quantification. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 919, 255-279	3.6	6
29	Advances in HER2 testing. <i>Advances in Clinical Chemistry</i> , 2019 , 91, 123-162	5.8	5
28	CD24 blunts the sensitivity of retinoblastoma to vincristine by modulating autophagy. <i>Molecular Oncology</i> , 2020 , 14, 1740-1759	7.9	5
27	EBV LMP2A-specific T cell immune responses elicited by dendritic cells loaded with LMP2A protein. <i>Cellular and Molecular Immunology</i> , 2009 , 6, 269-76	15.4	5
26	A photocleavable peptide-tagged mass probe for chemical mapping of epidermal growth factor receptor 2 (HER2) in human cancer cells. <i>Chemical Science</i> , 2020 , 11, 11298-11306	9.4	5
25	Dissecting the Flash Chemistry of Electrogenenerated Reactive Intermediates by Microdroplet Fusion Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18494-18498	16.4	5
24	Targeted Proteomics. <i>Methods in Molecular Biology</i> , 2019 , 1871, 265-277	1.4	5
23	Dual-Probe Approach for Mass Spectrometric Quantification of MUC1-Specific Terminal Gal/GalNAc. <i>Analytical Chemistry</i> , 2020 , 92, 8340-8349	7.8	4
22	Enhanced Anti-Glioma Efficacy by Borneol Combined With CGKRK-Modified Paclitaxel Self-Assembled Redox-Sensitive Nanoparticles. <i>Frontiers in Pharmacology</i> , 2020 , 11, 558	5.6	4
21	Transcriptome sequencing of neurologic diseases associated genes in HHV-6A infected human astrocyte. <i>Oncotarget</i> , 2016 , 7, 48070-48080	3.3	4
20	Oncolytic Zika virus promotes intratumoral T cell infiltration and improves immunotherapy efficacy in glioblastoma.. <i>Molecular Therapy - Oncolytics</i> , 2022 , 24, 522-534	6.4	3
19	Influence of gut and intratumoral microbiota on the immune microenvironment and anti-cancer therapy. <i>Pharmacological Research</i> , 2021 , 174, 105966	10.2	3
18	Simultaneous Detection of Six Isoforms of Tau Protein in Human Cerebrospinal Fluid by Multidimensional Mass Spectrometry-Based Targeted Proteomics. <i>Journal of Proteome Research</i> , 2021 , 20, 2299-2307	5.6	3

17	Compositional Analysis of Asymmetric and Symmetric Dimethylated H3R2 Using Liquid Chromatography-Tandem Mass Spectrometry-Based Targeted Proteomics. <i>Analytical Chemistry</i> , 2016 , 88, 8441-9	7.8	3
16	Inonotsuoxide B regulates M1 to M2 macrophage polarization through sirtuin-1/endoplasmic reticulum stress axis. <i>International Immunopharmacology</i> , 2021 , 96, 107603	5.8	3
15	Hydrogen Sulfide Attenuates Angiotensin II-Induced Cardiac Fibroblast Proliferation and Transverse Aortic Constriction-Induced Myocardial Fibrosis through Oxidative Stress Inhibition via Sirtuin 3. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 9925771	6.7	3
14	Ca ²⁺ /Calmodulin-Dependent Protein Kinase II Regulation by Inhibitor 1 of Protein Phosphatase 1 Protects Against Myocardial Ischemia-Reperfusion Injury. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2019 , 24, 460-473	2.6	2
13	Utilization of Immonium Product Ions for the Determination of Peptides with Intra-loops in Biological Matrices. <i>Analytical Letters</i> , 2009 , 42, 3004-3017	2.2	2
12	RIPK3-Mediated Necroptosis in Diabetic Cardiomyopathy Requires CaMKII Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6617816	6.7	2
11	Putative N-glycoprotein markers of MCF-7/ADR cancer stem cells from N-glycoproteomics characterization of the whole cell lysate. <i>Talanta</i> , 2021 , 232, 122437	6.2	2
10	c-Myc-driven glycolysis polarizes functional regulatory B cells that trigger pathogenic inflammatory responses.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 105	2.1	2
9	Large-Scale Identification and Fragmentation Pathways Analysis of N-Glycans from Mouse Brain. <i>Journal of the American Society for Mass Spectrometry</i> , 2019 , 30, 1254-1261	3.5	1
8	Protective role of hydrogen sulfide against diabetic cardiomyopathy via alleviating necroptosis.. <i>Free Radical Biology and Medicine</i> , 2022 , 181, 29-29	7.8	1
7	N-Glycoproteomics Study of Putative N-Glycoprotein Biomarkers of Drug Resistance in MCF-7/ADR Cells. <i>Phenomics</i> , 2021 , 1, 269		1
6	Detection and analysis of anti-latent membrane protein 2A antibodies in the sera of patients with Epstein-Barr virus associated malignancies. <i>Chinese Medical Journal</i> , 2005 , 118, 725-30	2.9	1
5	A photocleavable and mass spectrometric DNA-peptide probe enables fast and specific enzyme-free detection of microRNA. <i>Talanta</i> , 2020 , 211, 120726	6.2	0
4	Ternary supramolecular nanocomplexes for superior anticancer efficacy of natural medicines. <i>Nanoscale</i> , 2021 , 13, 15085-15099	7.7	0
3	Dihydromyricetin ameliorates transverse aortic constriction induced myocardial hypertrophy in mice via inhibition of oxidative stress. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO3-3-24	0	
2	Protective effects and mechanisms of hydrogen sulfide on isoproterenol-induced cardiac hypertrophy in mice. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018 , WCP2018, PO3-3-16	0	
1	Simultaneous and quantitative monitoring transcription factors in human embryonic stem cell differentiation using mass spectrometry-based targeted proteomics. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 2081-2089	4.4	