

# Sung-Fang Chen

## List of Publications by Year in descending order

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39  
papers

635  
citations

516561

16  
h-index

610775

24  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1117  
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-27b-regulated TCTP as a novel plasma biomarker for oral cancer: From quantitative proteomics to post-transcriptional study. <i>Journal of Proteomics</i> , 2012, 77, 154-166.	1.2	56
2	Protein Profilings in Mouse Liver Regeneration after Partial Hepatectomy Using iTRAQ Technology. <i>Journal of Proteome Research</i> , 2009, 8, 1004-1013.	1.8	46
3	Quantitative Analysis of Prostate Specific Antigen Isoforms Using Immunoprecipitation and Stable Isotope Labeling Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 545-553.	3.2	39
4	Expression of the conditioned NK cell activity is $\beta$ -endorphin dependent. <i>Brain Research</i> , 1995, 678, 76-82.	1.1	32
5	A Brief Review of Bioinformatics Tools for Glycosylation Analysis by Mass Spectrometry. <i>Mass Spectrometry</i> , 2017, 6, S0064-S0064.	0.2	32
6	Mass spectrometry-based strategies for protein disulfide bond identification. <i>Reviews in Analytical Chemistry</i> , 2013, 32, .	1.5	30
7	Subcellular and Functional Proteomic Analysis of the Cellular Responses Induced by <i>Helicobacter pylori</i> . <i>Molecular and Cellular Proteomics</i> , 2006, 5, 702-713.	2.5	27
8	Automatic Disulfide Bond Assignment Using a1Ion Screening by Mass Spectrometry for Structural Characterization of Protein Pharmaceuticals. <i>Analytical Chemistry</i> , 2012, 84, 4900-4906.	3.2	25
9	Analysis of heterocyclic amines in meat products by liquid chromatography $\mu$ - Tandem mass spectrometry. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 595-602.	0.9	25
10	Involvement of catecholamines in recall of the conditioned NK cell response. <i>Journal of Neuroimmunology</i> , 1999, 94, 172-181.	1.1	24
11	Cholinergic and serotonergic activities are required in triggering conditioned NK cell response. <i>Journal of Neuroimmunology</i> , 2002, 123, 102-111.	1.1	24
12	Evaluation of disulfide scrambling during the enzymatic digestion of bevacizumab at various pH values using mass spectrometry. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1188-1194.	1.1	24
13	Activation of $\mu$ -opioid receptors are required for the conditioned enhancement of NK cell activity. <i>Brain Research</i> , 1996, 737, 263-268.	1.1	23
14	Essential role of $\beta$ -human 8oxoguanine DNA glycosylase 1 in mitochondrial oxidative DNA repair. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 54-64.	0.9	20
15	<i>GALNT14</i> genotype effectively predicts the therapeutic response in unresectable hepatocellular carcinoma treated with transcatheter arterial chemoembolization. <i>Pharmacogenomics</i> , 2016, 17, 353-366.	0.6	20
16	Differential Proteomic Analysis of Cancer Stem Cell Properties in Hepatocellular Carcinomas by Isobaric Tag Labeling and Mass Spectrometry. <i>Journal of Proteome Research</i> , 2013, 12, 3573-3585.	1.8	18
17	Identification of Cofilin-1 Induces G0/G1 Arrest and Autophagy in Angiotensin-(1-7)-treated Human Aortic Endothelial Cells from iTRAQ Quantitative Proteomics. <i>Scientific Reports</i> , 2016, 6, 35372.	1.6	16
18	Evaluation of peptide fractionation strategies used in proteome analysis. <i>Journal of Separation Science</i> , 2012, 35, 3293-3301.	1.3	15

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19	Assembly of homotrimeric type XXI minicollagen by coexpression of prolyl 4-hydroxylase in stably transfected <i>Drosophila melanogaster</i> S2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 375-385.	1.0	14
20	Quantification of Trans-resveratrol in Red Wines Using QuEChERS Extraction Combined with Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Sciences</i> , 2018, 34, 439-444.	0.8	14
21	Quantitative Proteomics of Th-MYCN Transgenic Mice Reveals Aurora Kinase Inhibitor Altered Metabolic Pathways and Enhanced ACADM To Suppress Neuroblastoma Progression. <i>Journal of Proteome Research</i> , 2019, 18, 3850-3866.	1.8	14
22	Comparison of different fractionation strategies for in-depth phosphoproteomics by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3417-3424.	1.9	10
23	Involvement of Cytokine Gene Expression in the Age-Dependent Decline of NK Cell Response. <i>Cellular Immunology</i> , 1996, 173, 221-229.	1.4	9
24	Nonmuscle Myosin IIA (Myosin Heavy Polypeptide 9): A Novel Class of Signal Transducer Mediating the Activation of $\text{G}\beta\text{h}$ /Phospholipase C- $\beta$ 1 Pathway. <i>Endocrinology</i> , 2010, 151, 876-885.	1.4	9
25	Differential proteomics of monosodium urate crystals-induced inflammatory response in dissected murine air pouch membranes by iTRAQ technology. <i>Proteomics</i> , 2015, 15, 3338-3348.	1.3	9
26	Application of thermal stability difference to remove flammutoxin in fungal immunomodulatory protein, FIP-fve, extract from <i>Flammulina velutipes</i> . <i>Journal of Food and Drug Analysis</i> , 2018, 26, 1005-1014.	0.9	9
27	Ischemia/reperfusion-induced changes of hypothalamic-pituitary-adrenal (HPA) activity is opioid related in Sprague-Dawley rat. <i>Neuroscience Letters</i> , 2003, 349, 155-158.	1.0	7
28	Screening, purification, and identification of a copper-dependent FITC-binding protein in human plasma: Albumin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 863, 187-191.	1.2	7
29	Adenine supplement delays senescence in cultured human follicle dermal papilla cells. <i>Experimental Dermatology</i> , 2016, 25, 162-164.	1.4	6
30	Identifying Specific and Differentially Linked Glycosyl Residues in Mammalian Glycans by Targeted LC-MS Analysis. <i>Analytical Sciences</i> , 2018, 34, 1049-1054.	0.8	6
31	Comparison of poly(styrene-divinylbenzene)-based monolithic and bead-based methodologies used in NANOFLOW LCMS for proteomic studies. <i>Analytical Methods</i> , 2018, 10, 4756-4764.	1.3	5
32	Monitoring the Disulfide Bonds of Folding Isomers of Synthetic CTX A3 Polypeptide Using MS-Based Technology. <i>Toxins</i> , 2019, 11, 52.	1.5	5
33	The possible interaction of CDA14 and protein elongation factor 1 $\beta$ . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 312-318.	1.1	4
34	iTRAQ quantitative proteomics-based identification of cell adhesion as a dominant phenotypic modulation in thrombin-stimulated human aortic endothelial cells. <i>Thrombosis Research</i> , 2015, 135, 944-950.	0.8	4
35	Combination of on-line desalting and HPLC-UV-ESI-MS for simultaneous detection and identification of FIP-fve and flammutoxin in <i>Flammulina velutipes</i> . <i>Journal of Food and Drug Analysis</i> , 2018, 26, 1045-1053.	0.9	3
36	Tenofovir Hampers the Efficacy of Sorafenib in Prolonging Overall Survival in Hepatocellular Carcinoma. <i>Biomedicines</i> , 2021, 9, 1539.	1.4	3

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37	Differential dynamics of hepatic protein expressions with long-term cultivated hepatitis C virus infection. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 715-723.	1.5	1
38	Quick screening of true tyrosinase inhibitors from natural products using tyrosinase-immobilized magnetic nanoparticles and a magnetic microplate: Part II melanogenesis bioactivity. <i>Journal of the Chinese Chemical Society</i> , 0, , .	0.8	0
39	Quantification of anthocyanins in blueberries ( <i>Vaccinium</i> spp.) by modified QuEChERS and liquid chromatography-mass spectrometry. <i>Journal of the Chinese Chemical Society</i> , 0, , .	0.8	0