

# Yet-Ran Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,332  
citations

430442

18  
h-index

360668

35  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Novel Biomarkers for Pre-diabetic Diagnosis Using a Combinational Approach. <i>Frontiers in Endocrinology</i> , 2021, 12, 641336.	1.5	6
2	Quantitative Proteomics Reveals the Dynamic Regulation of the Tomato Proteome in Response to <i>Phytophthora infestans</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 4174.	1.8	7
3	Is high resolution a strict requirement for mass spectrometry-based cellular DNA adductomics?. <i>Chemosphere</i> , 2021, 274, 129991.	4.2	9
4	Thermally driven formation of polyphenolic carbonized nanogels with high anticoagulant activity from polysaccharides. <i>Biomaterials Science</i> , 2021, 9, 4679-4690.	2.6	9
5	The role of peptides cleaved from protein precursors in eliciting plant stress reactions. <i>New Phytologist</i> , 2020, 225, 2267-2282.	3.5	56
6	Integrated Hypoxia Signaling and Oxidative Stress in Developmental Neurotoxicity of Benzo[a]Pyrene in Zebrafish Embryos. <i>Antioxidants</i> , 2020, 9, 731.	2.2	22
7	Transient DNMT3L Expression Reinforces Chromatin Surveillance to Halt Senescence Progression in Mouse Embryonic Fibroblast. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 103.	1.8	12
8	Proteogenomics of Non-smoking Lung Cancer in East Asia Delineates Molecular Signatures of Pathogenesis and Progression. <i>Cell</i> , 2020, 182, 226-244.e17.	13.5	178
9	An improved scoring method for the identification of endogenous peptides based on the Mascot MS/MS ion search. <i>Analyst</i> , 2019, 144, 3045-3055.	1.7	4
10	Application of Data-Independent Acquisition Approach to Study the Proteome Change from Early to Later Phases of Tomato Pathogenesis Responses. <i>International Journal of Molecular Sciences</i> , 2019, 20, 863.	1.8	23
11	Phyto-sesquiterpene lactone deoxyelephantopin and cisplatin synergistically suppress lung metastasis of B16 melanoma in mice with reduced nephrotoxicity. <i>Phytomedicine</i> , 2019, 56, 194-206.	2.3	18
12	Streamlined generation of plant virus infectious clones using the pLX mini binary vectors. <i>Journal of Virological Methods</i> , 2018, 262, 48-55.	1.0	12
13	Multiple model species selection for transcriptomics analysis of non-model organisms. <i>BMC Bioinformatics</i> , 2018, 19, 284.	1.2	8
14	Functional enrichment analysis based on long noncoding RNA associations. <i>BMC Systems Biology</i> , 2018, 12, 45.	3.0	14
15	Fenugreek Compound (N55) Lowers Plasma Glucose through the Enhancement of Response of Physiological Glucagon-like peptide-1. <i>Scientific Reports</i> , 2017, 7, 12265.	1.6	3
16	A Role Model with Endless Enthusiasm for Science: In Memory of Tsutomu Masujima. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2017, 65, 150-153.	0.0	0
17	SEPT12 phosphorylation results in loss of the septin ring/sperm annulus, defective sperm motility and poor male fertility. <i>PLoS Genetics</i> , 2017, 13, e1006631.	1.5	41
18	Streamlined Membrane Proteome Preparation for Shotgun Proteomics Analysis with Triton X-100 Cloud Point Extraction and Nanodiamond Solid Phase Extraction. <i>Materials</i> , 2016, 9, 385.	1.3	17

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19	Metabolic labelling of cholesteryl glucosides in <i>Helicobacter pylori</i> reveals how the uptake of human lipids enhances bacterial virulence. <i>Chemical Science</i> , 2016, 7, 6208-6216.	3.7	23
20	Inhibiting MDSC differentiation from bone marrow with phytochemical polyacetylenes drastically impairs tumor metastasis. <i>Scientific Reports</i> , 2016, 6, 36663.	1.6	29
21	Urinary exposure marker discovery for toxicants using ultra-high pressure liquid chromatography coupled with Orbitrap high resolution mass spectrometry and three untargeted metabolomics approaches. <i>Analytica Chimica Acta</i> , 2016, 939, 73-83.	2.6	16
22	Identification of metal species by ESI-MS/MS through release of free metals from the corresponding metal-ligand complexes. <i>Scientific Reports</i> , 2016, 6, 26785.	1.6	48
23	Immunogenicity of mammary tumor cells can be induced by shikonin via direct binding-interference with hnRNPA1. <i>Oncotarget</i> , 2016, 7, 43629-43653.	0.8	22
24	Nonorthogonal tRNA <sup>cys</sup> Amber for protein and nascent chain labeling. <i>Rna</i> , 2015, 21, 1672-1682.	1.6	5
25	ETHYLENE RESPONSE FACTOR 96 positively regulates <i>Arabidopsis</i> resistance to necrotrophic pathogens by direct binding to GCC elements of jasmonate- and ethylene-responsive defence genes. <i>Plant, Cell and Environment</i> , 2015, 38, 2721-2734.	2.8	97
26	Delineation of Quadruplex Alkylation Sites Mediated by 3,6-Bis(1-methyl-4-vinylpyridinium) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.7	8
27	Application of an Integrated Omics Approach for Identifying Host Proteins That Interact With <i>Odontoglossum ringspot virus</i> Capsid Protein. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 711-726.	1.4	14
28	SEPT12 orchestrates the formation of mammalian sperm annulus by organizing SEPT12-7-6-2/-4 core complexes. <i>Journal of Cell Science</i> , 2015, 128, 923-34.	1.2	55
29	A salt-regulated peptide derived from the CAP superfamily protein negatively regulates salt-stress tolerance in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2015, 66, 5301-5313.	2.4	74
30	Development of a standardized and effect-optimized herbal extract of <i>Wedelia chinensis</i> for prostate cancer. <i>Phytomedicine</i> , 2015, 22, 406-414.	2.3	14
31	Multiplex Brain Proteomic Analysis Revealed the Molecular Therapeutic Effects of Buyang Huanwu Decoction on Cerebral Ischemic Stroke Mice. <i>PLoS ONE</i> , 2015, 10, e0140823.	1.1	34
32	Quantitative Peptidomics Study Reveals That a Wound-Induced Peptide from PR-1 Regulates Immune Signaling in Tomato. <i>Plant Cell</i> , 2014, 26, 4135-4148.	3.1	155
33	MSRB7 reverses oxidation of GSTF2/3 to confer tolerance of <i>Arabidopsis thaliana</i> to oxidative stress. <i>Journal of Experimental Botany</i> , 2014, 65, 5049-5062.	2.4	58
34	Signal Transduction Triggered by Iron to Induce the Nuclear Importation of a Myb3 Transcription Factor in the Parasitic Protozoan <i>Trichomonas vaginalis</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 29334-29349.	1.6	11
35	UniQua: A Universal Signal Processor for MS-Based Qualitative and Quantitative Proteomics Applications. <i>Analytical Chemistry</i> , 2013, 85, 890-897.	3.2	8
36	Tunnel Frit: A Nonmetallic In-Capillary Frit for Nanoflow Ultra High-Performance Liquid Chromatography-Mass Spectrometry Applications. <i>Analytical Chemistry</i> , 2012, 84, 297-303.	3.2	38

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37	A sensitive LC-ESI-Q-TOF-MS method reveals novel phytosiderophores and phytosiderophore-iron complexes in barley. <i>New Phytologist</i> , 2012, 195, 951-961.	3.5	37
38	Visual Indicator for Surfactant Abundance in MS-Based Membrane and General Proteomics Applications. <i>Analytical Chemistry</i> , 2010, 82, 8283-8290.	3.2	12
39	A Multiplexed Quantitative Strategy for Membrane Proteomics. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1983-1997.	2.5	128