

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

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360668

35
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42
all docs

42
docs citations

42
times ranked

2437
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | A Multiplexed Quantitative Strategy for Membrane Proteomics. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1983-1997. | 2.5 | 128 |
| 4 | ETHYLENE RESPONSE FACTOR 96 positively regulates Arabidopsis 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 |
| 5 | A salt-regulated peptide derived from the CAP superfamily protein negatively regulates salt-stress tolerance in Arabidopsis. <i>Journal of Experimental Botany</i> , 2015, 66, 5301-5313. | 2.4 | 74 |
| 6 | MSRB7 reverses oxidation of GSTF2/3 to confer tolerance of Arabidopsis thaliana to oxidative stress. <i>Journal of Experimental Botany</i> , 2014, 65, 5049-5062. | 2.4 | 58 |
| 7 | The role of peptides cleaved from protein precursors in eliciting plant stress reactions. <i>New Phytologist</i> , 2020, 225, 2267-2282. | 3.5 | 56 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | A sensitive LC-ESI-QTOF-MS method reveals novel phytosiderophores and phytosiderophore-iron complexes in barley. <i>New Phytologist</i> , 2012, 195, 951-961. | 3.5 | 37 |
| 13 | 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 |
| 14 | Inhibiting MDSC differentiation from bone marrow with phytochemical polyacetylenes drastically impairs tumor metastasis. <i>Scientific Reports</i> , 2016, 6, 36663. | 1.6 | 29 |
| 15 | Metabolic labelling of cholesteryl glucosides in Helicobacter pylori reveals how the uptake of human lipids enhances bacterial virulence. <i>Chemical Science</i> , 2016, 7, 6208-6216. | 3.7 | 23 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 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 | 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 |
| 23 | 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 |
| 24 | Functional enrichment analysis based on long noncoding RNA associations. <i>BMC Systems Biology</i> , 2018, 12, 45. | 3.0 | 14 |
| 25 | Visual Indicator for Surfactant Abundance in MS-Based Membrane and General Proteomics Applications. <i>Analytical Chemistry</i> , 2010, 82, 8283-8290. | 3.2 | 12 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Is high resolution a strict requirement for mass spectrometry-based cellular DNA adductomics?. <i>Chemosphere</i> , 2021, 274, 129991. | 4.2 | 9 |
| 30 | Thermally driven formation of polyphenolic carbonized nanogels with high anticoagulant activity from polysaccharides. <i>Biomaterials Science</i> , 2021, 9, 4679-4690. | 2.6 | 9 |
| 31 | UniQua: A Universal Signal Processor for MS-Based Qualitative and Quantitative Proteomics Applications. <i>Analytical Chemistry</i> , 2013, 85, 890-897. | 3.2 | 8 |
| 32 | 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 |
| 33 | Multiple model species selection for transcriptomics analysis of non-model organisms. <i>BMC Bioinformatics</i> , 2018, 19, 284. | 1.2 | 8 |
| 34 | 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 |
| 35 | Identification of Novel Biomarkers for Pre-diabetic Diagnosis Using a Combinational Approach. <i>Frontiers in Endocrinology</i> , 2021, 12, 641336. | 1.5 | 6 |
| 36 | Nonorthogonal tRNA ^{cys} Amber for protein and nascent chain labeling. <i>Rna</i> , 2015, 21, 1672-1682. | 1.6 | 5 |

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|----|--|-----|-----------|
| 37 | An improved scoring method for the identification of endogenous peptides based on the Mascot MS/MS ion search. <i>Analyst, The</i> , 2019, 144, 3045-3055. | 1.7 | 4 |
| 38 | 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 |
| 39 | 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 |