

Jian-Lin Wu

List of Publications by Year in descending order

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74
papers

2,214
citations

257101

24
h-index

264894

42
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76
all docs

76
docs citations

76
times ranked

2791
citing authors

#	ARTICLE	IF	CITATIONS
1	IKK β mediates homeostatic function in inflammation via competitively phosphorylating AMPK and I κ B α . <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 651-664.	5.7	9
2	Investigation and dynamic profiling of oligopeptides, free amino acids and derivatives during Pu-erh tea fermentation by ultra-high performance liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2022, 371, 131176.	4.2	26
3	Dynamic changes of phenolic acids and antioxidant activity of <i>Citri Reticulatae</i> Pericarpium during aging processes. <i>Food Chemistry</i> , 2022, 373, 131399.	4.2	21
4	Microbiota drive insoluble polysaccharides utilization via microbiome-metabolome interplay during Pu-erh tea fermentation. <i>Food Chemistry</i> , 2022, 377, 132007.	4.2	20
5	Design and fabrication of an integrated 3D dynamic multicellular liver-on-a-chip and its application in hepatotoxicity screening. <i>Talanta</i> , 2022, 241, 123262.	2.9	17
6	Chemical profiling and antioxidants screening from natural products: using CiNingji as an example. <i>Food Science and Biotechnology</i> , 2022, 31, 407-421.	1.2	1
7	Profiling of Branched Fatty Acid Esters of Hydroxy Fatty Acids in Teas and Their Potential Sources in Fermented Tea. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5369-5376.	2.4	17
8	Soy protein degradation drives diversity of amino-containing compounds via <i>Bacillus subtilis</i> natto fermentation. <i>Food Chemistry</i> , 2022, 388, 133034.	4.2	10
9	Covalent Protein Modification: An Unignorable Factor for Bisphenol A-Induced Hepatotoxicity. <i>Environmental Science & Technology</i> , 2022, 56, 9536-9545.	4.6	9
10	MS-FINDER Assisted in Understanding the Profile of Flavonoids in Temporal Dimension during the Fermentation of Pu-erh Tea. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7085-7094.	2.4	9
11	<i>Bifidobacterium animalis</i> : the missing link for the cancer-preventive effect of <i>Gynostemma pentaphyllum</i> . <i>Gut Microbes</i> , 2021, 13, 1847629.	4.3	31
12	Combined use of epigallocatechin-3-gallate (EGCG) and caffeine in low doses exhibits marked anti-obesity synergy through regulation of gut microbiota and bile acid metabolism. <i>Food and Function</i> , 2021, 12, 4105-4116.	2.1	51
13	Identification of Anti-Inflammatory and Anti-Proliferative Neolignanamides from <i>Warburgia ugandensis</i> Employing Multi-Target Affinity Ultrafiltration and LC-MS. <i>Pharmaceuticals</i> , 2021, 14, 313.	1.7	7
14	Stand out from matrix: Ultra-sensitive LC-MS/MS method for determination of histamine in complex biological samples using derivatization and solid phase extraction. <i>Talanta</i> , 2021, 225, 122056.	2.9	15
15	Discovery of the bioactive peptides secreted by <i>Bifidobacterium</i> using integrated MCX coupled with LC-MS and feature-based molecular networking. <i>Food Chemistry</i> , 2021, 347, 129008.	4.2	20
16	Metabolomics reveals a correlation between hydroxyeicosatetraenoic acids and allergic asthma: Evidence from three years' immunotherapy. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1654-1662.	1.1	14
17	Hepatotoxic evaluation of toosendanin via biomarker quantification and pathway mapping of large-scale chemical proteomics. <i>Food and Chemical Toxicology</i> , 2021, 153, 112257.	1.8	13
18	Metabolomics based comprehensive investigation of <i>Gardeniae Fructus</i> induced hepatotoxicity. <i>Food and Chemical Toxicology</i> , 2021, 153, 112250.	1.8	17

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19	Identification and quantification of markers in Azedarach Fructus and Toosendan Fructus. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 202, 114173.	1.4	2
20	S-Propargyl-Cysteine Remodels the Gut Microbiota to Alleviate Rheumatoid Arthritis by Regulating Bile Acid Metabolism. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 670593.	1.8	10
21	Metabolomics Reveals Process of Allergic Rhinitis Patients with Single- and Double-Species Mite Subcutaneous Immunotherapy. <i>Metabolites</i> , 2021, 11, 613.	1.3	9
22	Deciphering superior quality of Pu-erh tea from thousands of yearsâ€™ old trees based on the chemical profile. <i>Food Chemistry</i> , 2021, 358, 129602.	4.2	13
23	Quantification of Osimertinib and Metaboliteâ€™ Protein Modification Reveals Its High Potency and Long Duration of Effects on Target Organs. <i>Chemical Research in Toxicology</i> , 2021, 34, 2309-2318.	1.7	5
24	Microbial bioconversion of the chemical components in dark tea. <i>Food Chemistry</i> , 2020, 312, 126043.	4.2	193
25	ILF3 is a substrate of SPOP for regulating serine biosynthesis in colorectal cancer. <i>Cell Research</i> , 2020, 30, 163-178.	5.7	48
26	In-depth mapping carboxylic acid metabolome reveals the potential biomarkers in colorectal cancer through characteristic fragment ions and metabolic flux. <i>Analytica Chimica Acta</i> , 2020, 1128, 62-71.	2.6	17
27	Analysis of serum polyunsaturated fatty acid metabolites in allergic bronchopulmonary aspergillosis. <i>Respiratory Research</i> , 2020, 21, 205.	1.4	3
28	Aspirin Reduces Colorectal Tumor Development in Mice and Gut Microbes Reduce its Bioavailability and Chemopreventive Effects. <i>Gastroenterology</i> , 2020, 159, 969-983.e4.	0.6	86
29	Identifying potential serum biomarkers of breast cancer through targeted free fatty acid profiles screening based on a GCâ€™MS platform. <i>Biomedical Chromatography</i> , 2020, 34, e4922.	0.8	16
30	Pharmacokinetics and tissue distribution of eighteen major alkaloids of <i>Aconitum carmichaelii</i> in rats by UHPLC-QQQ-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113226.	1.4	19
31	Exploration and correlation analysis of changes in Krebs von den Lungen-6 levels in COVID-19 patients with different types in China. <i>BioScience Trends</i> , 2020, 14, 290-296.	1.1	26
32	Hypoglycemic and hypolipidemic effects of <i>Moringa oleifera</i> leaves and their functional chemical constituents. <i>Food Chemistry</i> , 2020, 333, 127478.	4.2	61
33	Characterization of covalent protein modification by triclosan in vivo and in vitro via three-dimensional liquid chromatography-mass spectrometry: New insight into its adverse effects. <i>Environment International</i> , 2020, 136, 105423.	4.8	9
34	Tea consumption and colorectal cancer risk: a meta-analysis of prospective cohort studies. <i>European Journal of Nutrition</i> , 2020, 59, 3603-3615.	1.8	20
35	Mushroom polysaccharides and jiaogulan saponins exert cancer preventive effects by shaping the gut microbiota and microenvironment in Apc mice. <i>Pharmacological Research</i> , 2019, 148, 104448.	3.1	64
36	<p>Eicosanoids metabolized through LOX distinguish asthmaâ€™ COPD overlap from COPD by metabolomics study</p>. <i>International Journal of COPD</i> , 2019, Volume 14, 1769-1778.	0.9	19

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37	Shengui Sansheng San Ameliorates Cerebral Energy Deficiency via Citrate Cycle After Ischemic Stroke. <i>Frontiers in Pharmacology</i> , 2019, 10, 386.	1.6	19
38	Low levels of pyruvate induced by a positive feedback loop protects cholangiocarcinoma cells from apoptosis. <i>Cell Communication and Signaling</i> , 2019, 17, 23.	2.7	15
39	Potentially Cardiotoxic Diterpenoid Alkaloids from the Roots of <i>Aconitum carmichaelii</i> . <i>Journal of Natural Products</i> , 2019, 82, 980-989.	1.5	37
40	<i>Faecalibacterium prausnitzii</i> produces butyrate to decrease c-Myc-related metabolism and Th17 differentiation by inhibiting histone deacetylase 3. <i>International Immunology</i> , 2019, 31, 499-514.	1.8	51
41	Integrated Proteomics, Biological Functional Assessments, and Metabolomics Reveal Toosendanin-Induced Hepatic Energy Metabolic Disorders. <i>Chemical Research in Toxicology</i> , 2019, 32, 668-680.	1.7	16
42	Metabolomics of Clinical Poisoning by Aconitum Alkaloids Using Derivatization LC-MS. <i>Frontiers in Pharmacology</i> , 2019, 10, 275.	1.6	6
43	The SIRT2/cMYC Pathway Inhibits Peroxidation-Related Apoptosis In Cholangiocarcinoma Through Metabolic Reprogramming. <i>Neoplasia</i> , 2019, 21, 429-441.	2.3	26
44	Dynamic Profiling of Phenolic Acids during Pu-erh Tea Fermentation Using Derivatization Liquid Chromatography-Mass Spectrometry Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 4568-4577.	2.4	51
45	Advances in MS Based Strategies for Probing Ligand-Target Interactions: Focus on Soft Ionization Mass Spectrometric Techniques. <i>Frontiers in Chemistry</i> , 2019, 7, 703.	1.8	25
46	Integrated Meta-omics Approaches To Understand the Microbiome of Spontaneous Fermentation of Traditional Chinese Pu-erh Tea. <i>MSystems</i> , 2019, 4, .	1.7	94
47	Formation of dioxins from triclosan with active chlorine: A potential risk assessment. <i>Journal of Hazardous Materials</i> , 2019, 367, 128-136.	6.5	46
48	Antioxidant and anti-inflammatory properties of flavonoids from lotus plumule. <i>Food Chemistry</i> , 2019, 277, 706-712.	4.2	143
49	Recent development in mass spectrometry and its hyphenated techniques for the analysis of medicinal plants. <i>Phytochemical Analysis</i> , 2018, 29, 365-374.	1.2	30
50	Qualitative and quantitative analysis of lipoalkaloids and fatty acids in <i>Aconitum carmichaelii</i> using LC-MS and GC-MS. <i>Phytochemical Analysis</i> , 2018, 29, 398-405.	1.2	24
51	Profiling of polyunsaturated fatty acids in human serum using off-line and on-line solid phase extraction-nano-liquid chromatography-quadrupole-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1537, 141-146.	1.8	13
52	IDDF2018-ABS-0121...Innovative mass spectrometry probe via polarity-reversal derivatization for mapping global carboxyl-containing metabolites in colorectal cancer human serum. , 2018, , .		0
53	Polarity-Tuning Derivatization-LC-MS Approach for Probing Global Carboxyl-Containing Metabolites in Colorectal Cancer. <i>Analytical Chemistry</i> , 2018, 90, 11210-11215.	3.2	71
54	Metabolomic profiling delineate taste qualities of tea leaf pubescence. <i>Food Research International</i> , 2017, 94, 36-44.	2.9	52

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55	O-GlcNAc transferase promotes fatty liver-associated liver cancer through inducing palmitic acid and activating endoplasmic reticulum stress. <i>Journal of Hepatology</i> , 2017, 67, 310-320.	1.8	98
56	Sinomenine-induced histamine release-like anaphylactoid reactions are blocked by tranilast via inhibiting NF- κ B signaling. <i>Pharmacological Research</i> , 2017, 125, 150-160.	3.1	20
57	Acid/Salt/pH Gradient Improved Resolution and Sensitivity in Proteomics Study Using 2D SCX-RP LC-MS. <i>Journal of Proteome Research</i> , 2017, 16, 3470-3475.	1.8	22
58	Derivatization enhanced separation and sensitivity of long chain-free fatty acids: Application to asthma using targeted and non-targeted liquid chromatography-mass spectrometry approach. <i>Analytica Chimica Acta</i> , 2017, 989, 59-70.	2.6	52
59	Strategy for Hepatotoxicity Prediction Induced by Drug Reactive Metabolites Using Human Liver Microsome and Online 2D-Nano-LC-MS Analysis. <i>Analytical Chemistry</i> , 2017, 89, 13167-13175.	3.2	20
60	Identification of Oxygenated Fatty Acid as a Side Chain of Lipo-Alkaloids in <i>Aconitum carmichaelii</i> by UHPLC-Q-TOF-MS and a Database. <i>Molecules</i> , 2016, 21, 437.	1.7	17
61	A rapid and sensitive assay based on particle analysis for cell degranulation detection in basophils and mast cells. <i>Pharmacological Research</i> , 2016, 111, 374-383.	3.1	26
62	PSCA acts as a tumor suppressor by facilitating the nuclear translocation of RB1CC1 in esophageal squamous cell carcinoma. <i>Carcinogenesis</i> , 2016, 37, 320-332.	1.3	16
63	Rapid identification of new minor chemical constituents from <i>Smilacis Glabrae Rhizoma</i> by combined use of UHPLC-Q-TOF-MS, preparative HPLC and UHPLC-SPE-NMR-MS techniques. <i>Phytochemical Analysis</i> , 2015, 26, 428-435.	1.2	17
64	Metabolites Software-Assisted Flavonoid Hunting in Plants Using Ultra-High Performance Liquid Chromatography-Quadrupole-Time of Flight Mass Spectrometry. <i>Molecules</i> , 2015, 20, 3955-3971.	1.7	16
65	Sinomenine potentiates degranulation of RBL-2H3 basophils via up-regulation of phospholipase A2 phosphorylation by Annexin A1 cleavage and ERK phosphorylation without influencing on calcium mobilization. <i>International Immunopharmacology</i> , 2015, 28, 945-951.	1.7	23
66	Determination of 2,8-dichlorodibenzo-p-dioxin in toothpaste and mouthwash consumer products using GC-MS. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18927-18932.	2.7	2
67	Celastrol Induces Apoptosis in Gefitinib-Resistant Non-Small Cell Lung Cancer Cells via Caspases-Dependent Pathways and Hsp90 Client Protein Degradation. <i>Molecules</i> , 2014, 19, 3508-3522.	1.7	40
68	Metabolite Analysis of Toosendanin by an Ultra-High Performance Liquid Chromatography-Quadrupole-Time of Flight Mass Spectrometry Technique. <i>Molecules</i> , 2013, 18, 12144-12153.	1.7	20
69	Organochlorine isotopic pattern-enhanced detection and quantification of triclosan and its metabolites in human serum by ultra-high performance liquid chromatography/quadrupole time-of-flight/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 123-132.	0.7	15
70	Determination of triclosan metabolites by using in-source fragmentation from high performance liquid chromatography/negative atmospheric pressure chemical ionization ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1828-1834.	0.7	41
71	Investigation on metabolism and pharmacokinetics of triclosan in rat plasma by using UPLC-triple quadrupole MS. <i>Chinese Journal of Chromatography (Se Pu)</i> , 2009, 27, 724-30.	0.1	5
72	Triclosan determination in water related to wastewater treatment. <i>Talanta</i> , 2007, 72, 1650-1654.	2.9	88

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73	One single LC-MS/MS analysis for both phenolic components and tanshinones in Radix Salviae Miltiorrhizae and its medicinal products. <i>Talanta</i> , 2007, 73, 656-661.	2.9	27
74	Anti-Inflammatory Properties and Potential Bioactive Components from <i>Moringa oleifera</i> Leaves Revealed by Affinity Ultrafiltration LC-MS and Molecular Docking. <i>ACS Food Science & Technology</i> , 0, ..	1.3	3