

Qian Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1207541/publications.pdf>

Version: 2024-02-01

56
papers

2,350
citations

279798

23
h-index

223800

46
g-index

59
all docs

59
docs citations

59
times ranked

3247
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of different extraction methods on contents, profiles, and antioxidant abilities of free and bound phenolics of <i>Sargassum polycystum</i> from the South China Sea. <i>Journal of Food Science</i> , 2022, 87, 968-981.	3.1	23
2	Thidiazuron Promotes Leaf Abscission by Regulating the Crosstalk Complexities between Ethylene, Auxin, and Cytokinin in Cotton. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2696.	4.1	13
3	Quantitative Mass Spectrometry Imaging with Liquid Microjunction Surface Sampling. <i>Methods in Molecular Biology</i> , 2022, 2437, 181-194.	0.9	1
4	HFE inhibits type I IFNs signaling by targeting the SQSTM1-mediated MAVS autophagic degradation. <i>Autophagy</i> , 2021, 17, 1962-1977.	9.1	31
5	Effect of lotus seedpod oligomeric procyanidins on AGEs formation in simulated gastrointestinal tract and cytotoxicity in Caco-2 cells. <i>Food and Function</i> , 2021, 12, 3527-3538.	4.6	18
6	Quantitative Mass Spectrometry Imaging of Metabolomes and Lipidomes for Tracking Changes and Therapeutic Response in Traumatic Brain Injury Surrounding Injured Area at Chronic Phase. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1363-1375.	3.5	7
7	Manganese homeostasis at the host-pathogen interface and in the host immune system. <i>Seminars in Cell and Developmental Biology</i> , 2021, 115, 45-53.	5.0	19
8	Catechin Inhibits the Release of Advanced Glycation End Products during Glycated Bovine Serum Albumin Digestion and Corresponding Mechanisms <i>In Vitro</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8807-8818.	5.2	20
9	Photocatalytic reduction-based liquid microjunction surface sampling—mass spectrometry for rapid in situ analysis of aromatic amines originating from azo dyes in packaging papers. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6649-6660.	3.7	1
10	Per-pixel absolute quantitation for mass spectrometry imaging of endogenous lipidomes by model prediction of mass transfer kinetics in single-probe-based ambient liquid extraction. <i>Talanta</i> , 2021, 234, 122654.	5.5	5
11	Comprehensive metabolic profiles of seminal plasma with different forms of male infertility and their correlation with sperm parameters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112888.	2.8	39
12	Absolute quantitative imaging of sphingolipids in brain tissue by exhaustive liquid microjunction surface sampling—liquid chromatography—mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1609, 460436.	3.7	26
13	An aboveground biomass partitioning coefficient model for rapeseed (<i>Brassica napus</i> L.). <i>Field Crops Research</i> , 2020, 259, 107966.	5.1	2
14	Separation of Glycolipids/Sphingolipids from Glycerophospholipids on TiO ₂ Coating in Aprotic Solvent for Rapid Comprehensive Lipidomic Analysis with Liquid Microjunction Surface Sampling-Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 11250-11259.	6.5	9
15	Loss of Cardiac Ferritin H Facilitates Cardiomyopathy via Slc7a11-Mediated Ferroptosis. <i>Circulation Research</i> , 2020, 127, 486-501.	4.5	377
16	The inhibitory effect of the catechin structure on advanced glycation end product formation in alcoholic media. <i>Food and Function</i> , 2020, 11, 5396-5408.	4.6	23
17	Wound—and mechanostimulated electrical signals control hormone responses. <i>New Phytologist</i> , 2020, 227, 1037-1050.	7.3	123
18	Hepatic transferrin plays a role in systemic iron homeostasis and liver ferroptosis. <i>Blood</i> , 2020, 136, 726-739.	1.4	297

#	ARTICLE	IF	CITATIONS
19	Development of a sensitive and rapid UHPLC-MS/MS method for simultaneous quantification of nine compounds in rat plasma and application in a comparative pharmacokinetic study after oral administration of Xuefu Zhuyu Decoction and nimodipine. <i>Biomedical Chromatography</i> , 2020, 34, e4872.	1.7	5
20	Quantitative Imprint Mass Spectrometry Imaging of Endogenous Ceramides in Rat Brain Tissue with Kinetic Calibration. <i>Analytical Chemistry</i> , 2020, 92, 6613-6621.	6.5	17
21	Rapid in situ quantitation of photoinitiators in packaging by two-points kinetic calibration of liquid microjunction surface sampling-mass spectrometry. <i>Talanta</i> , 2020, 216, 121017.	5.5	5
22	Quantitative mass spectrometry imaging of amino acids with isomer differentiation in brain tissue via exhaustive liquid microjunction surface sampling-tandem mass tags labeling-ultra performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1621, 461086.	3.7	10
23	UPLC-ESI-IT-TOF-MS metabolomic study of the therapeutic effect of Xuefu Zhuyu decoction on rats with traumatic brain injury. <i>Journal of Ethnopharmacology</i> , 2019, 245, 112149.	4.1	24
24	Enhancing coverage in LC-MS-based untargeted metabolomics by a new sample preparation procedure using mixed-mode solid-phase extraction and two derivatizations. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6189-6202.	3.7	15
25	The MATH-BTB BPM3 and BPM5 subunits of Cullin3-RING E3 ubiquitin ligases target PP2CA and other clade A PP2Cs for degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15725-15734.	7.1	56
26	Iron-dependent histone 3 lysine 9 demethylation controls B cell proliferation and humoral immune responses. <i>Nature Communications</i> , 2019, 10, 2935.	12.8	107
27	Liquid state fermentation vinegar enriched with catechin as an antiglycative food product. <i>Food and Function</i> , 2019, 10, 4877-4887.	4.6	21
28	Optimizing the texture and retrogradation properties of Niangao (Rice Cake) made with naturally fermented rice flour. <i>Food Science and Technology</i> , 2019, 39, 810-817.	1.7	8
29	ABA inhibits myristoylation and induces shuttling of the RGLG1 E3 ligase to promote nuclear degradation of PP2CA. <i>Plant Journal</i> , 2019, 98, 813-825.	5.7	59
30	Mepiquat chloride promotes cotton lateral root formation by modulating plant hormone homeostasis. <i>BMC Plant Biology</i> , 2019, 19, 573.	3.6	21
31	Optimizing soil-coring strategies to quantify root-length-density distribution in field-grown maize: virtual coring trials using 3-D root architecture models. <i>Annals of Botany</i> , 2018, 121, 809-819.	2.9	21
32	RhizoChamber-Monitor: a robotic platform and software enabling characterization of root growth. <i>Plant Methods</i> , 2018, 14, 44.	4.3	29
33	A unique combination of micronutrients rejuvenates cognitive performance in aged mice. <i>Behavioural Brain Research</i> , 2017, 320, 97-112.	2.2	12
34	Dopamine-modified TiO ₂ monolith-assisted LDI MS imaging for simultaneous localization of small metabolites and lipids in mouse brain tissue with enhanced detection selectivity and sensitivity. <i>Chemical Science</i> , 2017, 8, 3926-3938.	7.4	72
35	On-Tissue Derivatization via Electrospray Deposition for Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging of Endogenous Fatty Acids in Rat Brain Tissues. <i>Analytical Chemistry</i> , 2016, 88, 5988-5995.	6.5	93
36	Ubiquitin Ligases RGLG1 and RGLG5 Regulate Abscisic Acid Signaling by Controlling the Turnover of Phosphatase PP2CA. <i>Plant Cell</i> , 2016, 28, 2178-2196.	6.6	100

#	ARTICLE	IF	CITATIONS
37	Relationships between root diameter, root length and root branching along lateral roots in adult, field-grown maize. <i>Annals of Botany</i> , 2016, 117, 379-390.	2.9	66
38	Nonparametric Tests for Differential Histone Enrichment with ChIP-Seq Data. <i>Cancer Informatics</i> , 2015, 14s1, CIN.S13972.	1.9	2
39	Three-dimensional architecture of axile roots of field-grown maize. <i>Plant and Soil</i> , 2015, 387, 363-377.	3.7	23
40	Institutional Clinical Trial Accrual Volume and Survival of Patients With Head and Neck Cancer. <i>Journal of Clinical Oncology</i> , 2015, 33, 156-164.	1.6	216
41	A Statistical Method for Identifying Trait-Associated Copy Number Variants. <i>Human Heredity</i> , 2015, 79, 147-156.	0.8	3
42	Hijacking of the jasmonate pathway by the mycotoxin fumonisin B1 (FB1) to initiate programmed cell death in <i>Arabidopsis</i> is modulated by RGLG3 and RGLG4. <i>Journal of Experimental Botany</i> , 2015, 66, 2709-2721.	4.8	27
43	A Tissue Biomarker-Based Model That Identifies Patients with a High Risk of Distant Metastasis and Differential Survival by Length of Androgen Deprivation Therapy in RTOG Protocol 92-02. <i>Clinical Cancer Research</i> , 2014, 20, 6379-6388.	7.0	12
44	Polyaniline sheathed electrospun nanofiber bar for in vivo extraction of trace acidic phytohormones in plant tissue. <i>Journal of Chromatography A</i> , 2014, 1342, 16-23.	3.7	24
45	Hybrid Titania-Zirconia Nanoparticles Coated Adsorbent for Highly Selective Capture of Nucleosides from Human Urine in Physiological Condition. <i>Analytical Chemistry</i> , 2014, 86, 10122-10130.	6.5	51
46	Quantification of endogenous brassinosteroids in plant by on-line two-dimensional microscale solid phase extraction-on column derivatization coupled with high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1297, 56-63.	3.7	31
47	Fast Equilibrium Micro-Extraction from Biological Fluids with Biocompatible Core-Shell Electrospun Nanofibers. <i>Analytical Chemistry</i> , 2013, 85, 5924-5932.	6.5	26
48	Development and Validation of the Individual Burden of Illness Index for Major Depressive Disorder (IBI-D). <i>Administration and Policy in Mental Health and Mental Health Services Research</i> , 2013, 40, 76-86.	2.1	23
49	In Vivo Fast Equilibrium Microextraction by Stable and Biocompatible Nanofiber Membrane Sandwiched in Microfluidic Device. <i>Analytical Chemistry</i> , 2013, 85, 11524-11531.	6.5	30
50	Two Novel RING-Type Ubiquitin Ligases, RGLG3 and RGLG4, Are Essential for Jasmonate-Mediated Responses in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2012, 160, 808-822.	4.8	37
51	RGLG3 and RGLG4, novel ubiquitin ligases modulating jasmonate signaling. <i>Plant Signaling and Behavior</i> , 2012, 7, 1709-1711.	2.4	2
52	Hollow fiber-based liquid-liquid micro-extraction with osmosis: II. Application to quantification of endogenous gibberellins in rice plant. <i>Journal of Chromatography A</i> , 2012, 1265, 17-23.	3.7	23
53	Hollow fiber-based liquid-liquid micro-extraction with osmosis: I. Theoretical simulation and verification. <i>Journal of Chromatography A</i> , 2012, 1248, 32-40.	3.7	2
54	Adolescent smoking risk increases with wider income gaps between rich and poor. <i>Health and Place</i> , 2011, 17, 222-229.	3.3	29

#	ARTICLE	IF	CITATIONS
55	cSSMD: assessing collective activity for addressing off-target effects in genome-scale RNA interference screens. <i>Bioinformatics</i> , 2011, 27, 2775-2781.	4.1	14
56	Space-log: a novel approach to inferring gene-gene net-works using SPACE model with log penalty. <i>F1000Research</i> , 0, 9, 1159.	1.6	0