

Yunping Qiu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7678845/publications.pdf>

Version: 2024-02-01

99
papers

8,479
citations

53794

45
h-index

46799

89
g-index

102
all docs

102
docs citations

102
times ranked

13534
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural segregation of gut microbiota between colorectal cancer patients and healthy volunteers. <i>ISME Journal</i> , 2012, 6, 320-329.	9.8	1,038
2	Symbiotic gut microbes modulate human metabolic phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2117-2122.	7.1	994
3	Serum Metabolite Profiling of Human Colorectal Cancer Using GC-TOFMS and UPLC-QTOFMS. <i>Journal of Proteome Research</i> , 2009, 8, 4844-4850.	3.7	363
4	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950-Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , 2017, 58, 2275-2288.	4.2	312
5	Serum and Urine Metabolite Profiling Reveals Potential Biomarkers of Human Hepatocellular Carcinoma. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.004945.	3.8	267
6	Potential metabolite markers of schizophrenia. <i>Molecular Psychiatry</i> , 2013, 18, 67-78.	7.9	220
7	A targeted metabolomic protocol for short-chain fatty acids and branched-chain amino acids. <i>Metabolomics</i> , 2013, 9, 818-827.	3.0	212
8	Urinary Metabonomic Study on Colorectal Cancer. <i>Journal of Proteome Research</i> , 2010, 9, 1627-1634.	3.7	203
9	Salivary metabolite signatures of oral cancer and leukoplakia. <i>International Journal of Cancer</i> , 2011, 129, 2207-2217.	5.1	185
10	Distinct Urinary Metabolic Profile of Human Colorectal Cancer. <i>Journal of Proteome Research</i> , 2012, 11, 1354-1363.	3.7	184
11	Metabolic profiling reveals disorder of amino acid metabolism in four brain regions from a rat model of chronic unpredictable mild stress. <i>FEBS Letters</i> , 2008, 582, 2627-2636.	2.8	164
12	Metabonomics Identifies Serum Metabolite Markers of Colorectal Cancer. <i>Journal of Proteome Research</i> , 2013, 12, 3000-3009.	3.7	163
13	Alteration of bile acid metabolism in the rat induced by chronic ethanol consumption. <i>FASEB Journal</i> , 2013, 27, 3583-3593.	0.5	162
14	Application of ethyl chloroformate derivatization for gas chromatography-mass spectrometry based metabonomic profiling. <i>Analytica Chimica Acta</i> , 2007, 583, 277-283.	5.4	151
15	A Distinct Metabolic Signature of Human Colorectal Cancer with Prognostic Potential. <i>Clinical Cancer Research</i> , 2014, 20, 2136-2146.	7.0	141
16	Metabolomic Profiling to Identify Potential Serum Biomarkers for Schizophrenia and Risperidone Action. <i>Journal of Proteome Research</i> , 2011, 10, 5433-5443.	3.7	130
17	Prognostic significance of 2-hydroxyglutarate levels in acute myeloid leukemia in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17017-17022.	7.1	125
18	Metabonomic Variations in the Drug-Treated Type 2 Diabetes Mellitus Patients and Healthy Volunteers. <i>Journal of Proteome Research</i> , 2009, 8, 1623-1630.	3.7	123

#	ARTICLE	IF	CITATIONS
19	Evidence for a distinct gut microbiome in kidney stone formers compared to non-stone formers. <i>Urolithiasis</i> , 2016, 44, 399-407.	2.0	122
20	A Combined Proteomics and Metabolomics Profiling of Gastric Cardia Cancer Reveals Characteristic Dysregulations in Glucose Metabolism. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 2617-2628.	3.8	116
21	Chronic Ethanol Consumption Alters Mammalian Gastrointestinal Content Metabolites. <i>Journal of Proteome Research</i> , 2013, 12, 3297-3306.	3.7	116
22	Comparison of Fecal Collection Methods for Microbiome and Metabolomics Studies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 301.	3.9	114
23	Metabolic profiling using combined GC-MS and LC-MS provides a systems understanding of aristolochic acid-induced nephrotoxicity in rat. <i>FEBS Letters</i> , 2007, 581, 707-711.	2.8	104
24	Metabolite profiling of <i>Panax notoginseng</i> using UPLC-ESI-MS. <i>Phytochemistry</i> , 2008, 69, 2237-2244.	2.9	103
25	Pharmacometabonomic Phenotyping Reveals Different Responses to Xenobiotic Intervention in Rats. <i>Journal of Proteome Research</i> , 2007, 6, 1364-1370.	3.7	91
26	Urinary Metabolite Markers of Precocious Puberty. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.011072.	3.8	91
27	Mass Spectrometry-Based Quantitative Metabolomics Revealed a Distinct Lipid Profile in Breast Cancer Patients. <i>International Journal of Molecular Sciences</i> , 2013, 14, 8047-8061.	4.1	91
28	Metabolic Substrates Exhibit Differential Effects on Functional Parameters of Mouse Sperm Capacitation1. <i>Biology of Reproduction</i> , 2012, 87, 75.	2.7	89
29	Metabonomic Evaluation of Melamine-Induced Acute Renal Toxicity in Rats. <i>Journal of Proteome Research</i> , 2010, 9, 125-133.	3.7	87
30	Supplementation of Milled Chia Seeds Increases Plasma ALA and EPA in Postmenopausal Women. <i>Plant Foods for Human Nutrition</i> , 2012, 67, 105-110.	3.2	87
31	Transcriptomic and Metabonomic Profiling of Obesity-Prone and Obesity-Resistant Rats under High Fat Diet. <i>Journal of Proteome Research</i> , 2008, 7, 4775-4783.	3.7	81
32	An optimized procedure for metabonomic analysis of rat liver tissue using gas chromatography/time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 589-596.	2.8	72
33	Hypoxic Regulation of Mitochondrial Metabolism and Mitophagy in Nucleus Pulposus Cells Is Dependent on $\text{HIF-1}\alpha$ and BNIP3 Axis. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1504-1524.	2.8	71
34	Plasma Metabolite Biomarkers for the Detection of Pancreatic Cancer. <i>Journal of Proteome Research</i> , 2015, 14, 1195-1202.	3.7	70
35	ADAP-GC 2.0: Deconvolution of Coeluting Metabolites from GC/TOF-MS Data for Metabolomics Studies. <i>Analytical Chemistry</i> , 2012, 84, 6619-6629.	6.5	69
36	Metabonomics Approach to Understanding Acute and Chronic Stress in Rat Models. <i>Journal of Proteome Research</i> , 2009, 8, 2511-2518.	3.7	66

#	ARTICLE	IF	CITATIONS
37	ADAP-GC 3.0: Improved Peak Detection and Deconvolution of Co-eluting Metabolites from GC/TOF-MS Data for Metabolomics Studies. <i>Analytical Chemistry</i> , 2016, 88, 8802-8811.	6.5	63
38	Metabolic Regulatory Network Alterations in Response to Acute Cold Stress and Ginsenoside Intervention. <i>Journal of Proteome Research</i> , 2007, 6, 3449-3455.	3.7	62
39	Gut microbiota and plasma metabolites associated with diabetes in women with, or at high risk for, HIV infection. <i>EBioMedicine</i> , 2018, 37, 392-400.	6.1	61
40	An Automated Data Analysis Pipeline for GC-TOF-MS Metabolomics Studies. <i>Journal of Proteome Research</i> , 2010, 9, 5974-5981.	3.7	59
41	American Ginseng Attenuates Colitis-Associated Colon Carcinogenesis in Mice: Impact on Gut Microbiota and Metabolomics. <i>Cancer Prevention Research</i> , 2016, 9, 803-811.	1.5	59
42	GC-MS with ethyl chloroformate derivatization for comprehensive analysis of metabolites in serum and its application to human uremia. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2881-2889.	3.7	58
43	Transcriptomic and Metabonomic Profiling Reveal Synergistic Effects of Quercetin and Resveratrol Supplementation in High Fat Diet Fed Mice. <i>Journal of Proteome Research</i> , 2012, 11, 4961-4971.	3.7	54
44	Analysis of dencichine in <i>Panax notoginseng</i> by gas chromatography-mass spectrometry with ethyl chloroformate derivatization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 920-925.	2.8	49
45	Mass Spectrometry-Based Metabolic Profiling of Rat Urine Associated with General Toxicity Induced by the Multiglycoside of <i>Tripterygium wilfordii</i> Hook. f.. <i>Chemical Research in Toxicology</i> , 2008, 21, 288-294.	3.3	49
46	Lactate Efflux From Intervertebral Disc Cells Is Required for Maintenance of Spine Health. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 550-570.	2.8	46
47	Distinct Metabolomic Profiles of Papillary Thyroid Carcinoma and Benign Thyroid Adenoma. <i>Journal of Proteome Research</i> , 2015, 14, 3315-3321.	3.7	45
48	Structural shifts of gut microbiota as surrogate endpoints for monitoring host health changes induced by carcinogen exposure. <i>FEMS Microbiology Ecology</i> , 2010, 73, no-no.	2.7	44
49	An ultrasonication-assisted extraction and derivatization protocol for GC/TOFMS-based metabolite profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1405-1417.	3.7	44
50	ADAP-GC 4.0: Application of Clustering-Assisted Multivariate Curve Resolution to Spectral Deconvolution of Gas Chromatography-Mass Spectrometry Metabolomics Data. <i>Analytical Chemistry</i> , 2019, 91, 9069-9077.	6.5	44
51	Lowered circulating aspartate is a metabolic feature of human breast cancer. <i>Oncotarget</i> , 2015, 6, 33369-33381.	1.8	44
52	Serum and Urinary Metabonomic Study of Human Osteosarcoma. <i>Journal of Proteome Research</i> , 2010, 9, 4861-4868.	3.7	43
53	Metabolic Transformation of DMBA-Induced Carcinogenesis and Inhibitory Effect of Salvianolic Acid B and Breviscapine Treatment. <i>Journal of Proteome Research</i> , 2012, 11, 1302-1316.	3.7	41
54	Urinary metabolomics as a potentially novel diagnostic and stratification tool for knee osteoarthritis. <i>Metabolomics</i> , 2010, 6, 109-118.	3.0	39

#	ARTICLE	IF	CITATIONS
55	Metabonomics Approach to Assessing the Modulatory Effects of St John's Wort, Ginsenosides, and Clomipramine in Experimental Depression. <i>Journal of Proteome Research</i> , 2012, 11, 6223-6230.	3.7	39
56	Altered Gut Microbiota and Host Metabolite Profiles in Women With Human Immunodeficiency Virus. <i>Clinical Infectious Diseases</i> , 2020, 71, 2345-2353.	5.8	38
57	Waterborne manganese exposure alters plasma, brain, and liver metabolites accompanied by changes in stereotypic behaviors. <i>Neurotoxicology and Teratology</i> , 2012, 34, 27-36.	2.4	37
58	Metformin suppressed the proliferation of LoVo cells and induced a time-dependent metabolic and transcriptional alteration. <i>Scientific Reports</i> , 2015, 5, 17423.	3.3	36
59	An airway organoid-based screen identifies a role for the HIF1 α -glycolysis axis in SARS-CoV-2 infection. <i>Cell Reports</i> , 2021, 37, 109920.	6.4	36
60	A rapid ultra-performance liquid chromatography-electrospray ionisation mass spectrometric method for the analysis of saponins in the adventitious roots of <i>Panax notoginseng</i> . <i>Phytochemical Analysis</i> , 2009, 20, 68-76.	2.4	33
61	Dynamic Metabolic Transformation in Tumor Invasion and Metastasis in Mice with LM-8 Osteosarcoma Cell Transplantation. <i>Journal of Proteome Research</i> , 2011, 10, 3513-3521.	3.7	33
62	Trace Element Profiling Using Inductively Coupled Plasma Mass Spectrometry and its Application in an Osteoarthritis Study. <i>Analytical Chemistry</i> , 2009, 81, 3683-3692.	6.5	31
63	Serum Metabolic Signatures of Fulminant Type 1 Diabetes. <i>Journal of Proteome Research</i> , 2012, 11, 4705-4711.	3.7	30
64	Preservation of Hepatocyte Nuclear Factor κ B α Contributes to the Beneficial Effect of Dietary Medium Chain Triglyceride on Alcohol-Induced Hepatic Lipid Dyshomeostasis in Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 587-598.	2.4	30
65	Isotopic Ratio Outlier Analysis of the <i>S. cerevisiae</i> Metabolome Using Accurate Mass Gas Chromatography/Time-of-Flight Mass Spectrometry: A New Method for Discovery. <i>Analytical Chemistry</i> , 2016, 88, 2747-2754.	6.5	30
66	Metabonomic Variations Associated with AOM-Induced Precancerous Colorectal Lesions and Resveratrol Treatment. <i>Journal of Proteome Research</i> , 2012, 11, 3436-3448.	3.7	29
67	Metabonomic and Metallomic Profiling in the Amniotic Fluid of Malnourished Pregnant Rats. <i>Journal of Proteome Research</i> , 2008, 7, 2151-2157.	3.7	28
68	Metabolic Signature of Pregnant Women with Neural Tube Defects in Offspring. <i>Journal of Proteome Research</i> , 2011, 10, 4845-4854.	3.7	28
69	Metabonomic Profiling Reveals Cancer Chemopreventive Effects of American Ginseng on Colon Carcinogenesis in <i>Apc^{Min/+}</i> Mice. <i>Journal of Proteome Research</i> , 2015, 14, 3336-3347.	3.7	26
70	Metabolic profiling reveals therapeutic effects of Herba Cistanches in an animal model of hydrocortisone-induced 'kidney-deficiency syndrome'. <i>Chinese Medicine</i> , 2008, 3, 3.	4.0	25
71	Lower Preprandial Insulin and Altered Fuel Use in HIV/Antiretroviral-Exposed Infants in Cameroon. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3260-3269.	3.6	25
72	Optimization of GC/TOF MS analysis conditions for assessing host-gut microbiota metabolic interactions: Chinese rhubarb alters fecal aromatic amino acids and phenol metabolism. <i>Analytica Chimica Acta</i> , 2017, 995, 21-33.	5.4	24

#	ARTICLE	IF	CITATIONS
73	Multiparametric analysis of amino acids and organic acids in rat brain tissues using GC/MS. <i>Journal of Separation Science</i> , 2008, 31, 2831-2838.	2.5	21
74	GC/MS-based urinary metabolomics reveals systematic differences in metabolism and ethanol response between Sprague-Dawley and Wistar rats. <i>Metabolomics</i> , 2011, 7, 363-374.	3.0	17
75	Diet Alters Serum Metabolomic Profiling in the Mouse Model of Chronic Chagas Cardiomyopathy. <i>Disease Markers</i> , 2019, 2019, 1-15.	1.3	17
76	Glutamine Is Required for M1-like Polarization of Macrophages in Response to Mycobacterium tuberculosis Infection. <i>MBio</i> , 2022, 13, .	4.1	17
77	Analysis of urinary metabolites for metabolomic study by pressurized CEC. <i>Electrophoresis</i> , 2007, 28, 4459-4468.	2.4	16
78	Asymmetric dimethylarginine attenuates serum starvation-induced apoptosis via suppression of the Fas (APO-1/CD95)/JNK (SAPK) pathway. <i>Cell Death and Disease</i> , 2013, 4, e830-e830.	6.3	16
79	Effects of ADMA on gene expression and metabolism in serum-starved LoVo cells. <i>Scientific Reports</i> , 2016, 6, 25892.	3.3	16
80	Enhanced Isotopic Ratio Outlier Analysis (IROA) Peak Detection and Identification with Ultra-High Resolution GC-Orbitrap/MS: Potential Application for Investigation of Model Organism Metabolomes. <i>Metabolites</i> , 2018, 8, 9.	2.9	15
81	Classifying osteosarcoma patients using machine learning approaches. , 2017, 2017, 82-85.		13
82	Osteosarcoma Patients Classification Using Plain X-Rays and Metabolomic Data. , 2018, 2018, 690-693.		12
83	Metabonomic Phenotyping Reveals an Embryotoxicity of Deca-Brominated Diphenyl Ether in Mice. <i>Chemical Research in Toxicology</i> , 2011, 24, 1976-1983.	3.3	10
84	Human gouty arthritis is associated with a distinct serum trace elemental profile. <i>Metallomics</i> , 2012, 4, 244.	2.4	10
85	A serum metabolomic investigation on lipoprotein lipase-deficient mice with hyperlipidemic pancreatitis using gas chromatography/mass spectrometry. <i>Biomedical Reports</i> , 2013, 1, 469-473.	2.0	10
86	Deciphering structural bases of intestinal and hepatic selectivity in targeting pregnane X receptor with indole-based microbial mimics. <i>Bioorganic Chemistry</i> , 2021, 109, 104661.	4.1	10
87	Plasma metabolomic profiles in liver cancer patients following stereotactic body radiotherapy. <i>EBioMedicine</i> , 2020, 59, 102973.	6.1	9
88	Gas Chromatography in Metabolomics Study. , 2014, , .		8
89	A pilot study of antitumor effect of gallium ethylenediaminetetramethylene phosphonate [Ga(III)-EDTMP] in tumor-bearing rats. <i>Advances in Therapy</i> , 2005, 22, 297-306.	2.9	6
90	Effects of Generated <i>i>trans</i>-Arachidonic Acids on Retinal Capillary during Nitrate Stress in Diabetic Rats. <i>Ophthalmologica</i> , 2008, 222, 37-41.	1.9	4

#	ARTICLE	IF	CITATIONS
91	Effect of Maternal Smoking on Plasma and Urinary Measures of Vitamin E Isoforms in the First Month after Extreme Preterm Birth. <i>Journal of Pediatrics</i> , 2018, 197, 280-285.e3.	1.8	3
92	Distinct cord blood C-peptide, adipokine, and lipidomic signatures by in utero HIV exposure. <i>Pediatric Research</i> , 2022, 92, 233-241.	2.3	3
93	Identification of Novel Biomarkers and Pathways for Coronary Artery Calcification in Nondiabetic Patients on Hemodialysis Using Metabolomic Profiling. <i>Kidney360</i> , 2021, 2, 279-289.	2.1	3
94	Response to Letter to the Editor regarding "GC-MS with ethyl chloroformate derivatization for comprehensive analysis of metabolites in serum and its application to human uremia". <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2787-2789.	3.7	1
95	Editorial: Metabolomics in the Study of Unconventional Biological Matrices. <i>Frontiers in Chemistry</i> , 2021, 9, 736661.	3.6	1
96	Distinct Lipidomic Signatures in People Living With HIV: Combined Analysis of ACTG 5260s and MACS/WIHS. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 119-135.	3.6	1
97	Comparative impact of dietary carbohydrates on the liver transcriptome in two strains of mice. <i>Physiological Genomics</i> , 2021, 53, 456-472.	2.3	0
98	SAT-137 The Effect of Hypertriglyceridemia on Triple Negative Breast Cancer Progression. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0
99	High Accurate Mass Gas Chromatography-Mass Spectrometry for Performing Isotopic Ratio Outlier Analysis: Applications for Nonannotated Metabolite Detection. <i>Neuromethods</i> , 2021, , 77-88.	0.3	0