

Mingming Su

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

5,810
citations

108046

37
h-index

107981

68
g-index

71
all docs

71
docs citations

71
times ranked

10332
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Bile Acids as Potential Biomarkers to Assess Liver Impairment in Polycystic Kidney Disease. <i>International Journal of Toxicology</i> , 2018, 37, 144-154. | 0.6 | 15 |
| 2 | Metabolomic profiles of arsenic (+3 oxidation state) methyltransferase knockout mice: effect of sex and arsenic exposure. <i>Archives of Toxicology</i> , 2017, 91, 189-202. | 1.9 | 24 |
| 3 | High Throughput and Quantitative Measurement of Microbial Metabolome by Gas Chromatography/Mass Spectrometry Using Automated Alkyl Chloroformate Derivatization. <i>Analytical Chemistry</i> , 2017, 89, 5565-5577. | 3.2 | 117 |
| 4 | Germline BAP1 mutations induce a Warburg effect. <i>Cell Death and Differentiation</i> , 2017, 24, 1694-1704. | 5.0 | 105 |
| 5 | Dysregulated hepatic bile acids collaboratively promote liver carcinogenesis. <i>International Journal of Cancer</i> , 2016, 139, 1764-1775. | 2.3 | 169 |
| 6 | Enhanced Fructose Utilization Mediated by SLC2A5 Is a Unique Metabolic Feature of Acute Myeloid Leukemia with Therapeutic Potential. <i>Cancer Cell</i> , 2016, 30, 779-791. | 7.7 | 176 |
| 7 | 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. | 3.2 | 63 |
| 8 | Effects of ADMA on gene expression and metabolism in serum-starved LoVo cells. <i>Scientific Reports</i> , 2016, 6, 25892. | 1.6 | 16 |
| 9 | Distinct Metabolic Signature of Human Bladder Cancer Cells Carrying an Impaired Fanconi Anemia Tumor-Suppressor Signaling Pathway. <i>Journal of Proteome Research</i> , 2016, 15, 1333-1341. | 1.8 | 23 |
| 10 | Metformin suppressed the proliferation of LoVo cells and induced a time-dependent metabolic and transcriptional alteration. <i>Scientific Reports</i> , 2015, 5, 17423. | 1.6 | 36 |
| 11 | Metabonomics Reveals Metabolite Changes in Biliary Atresia Infants. <i>Journal of Proteome Research</i> , 2015, 14, 2569-2574. | 1.8 | 15 |
| 12 | Circulating Unsaturated Fatty Acids Delineate the Metabolic Status of Obese Individuals. <i>EBioMedicine</i> , 2015, 2, 1513-1522. | 2.7 | 110 |
| 13 | Chenodeoxycholic Acid as a Potential Prognostic Marker for Roux-en-Y Gastric Bypass in Chinese Obese Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 4222-4230. | 1.8 | 40 |
| 14 | Metabonomic Profiling of Human Placentas Reveals Different Metabolic Patterns among Subtypes of Neural Tube Defects. <i>Journal of Proteome Research</i> , 2014, 13, 934-945. | 1.8 | 25 |
| 15 | Bioavailability of polyphenols from peanut skin extract associated with plasma lipid lowering function. <i>Food Chemistry</i> , 2014, 148, 24-29. | 4.2 | 34 |
| 16 | A targeted metabolomic protocol for short-chain fatty acids and branched-chain amino acids. <i>Metabolomics</i> , 2013, 9, 818-827. | 1.4 | 212 |
| 17 | Melamine-Induced Renal Toxicity Is Mediated by the Gut Microbiota. <i>Science Translational Medicine</i> , 2013, 5, 172ra22. | 5.8 | 129 |
| 18 | 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. | 1.8 | 91 |

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|----|--|-----|-----------|
| 19 | 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. | 0.9 | 10 |
| 20 | Metabolite assay and histology on exactly the same tissue.. <i>Journal of Clinical Oncology</i> , 2013, 31, 235-235. | 0.8 | 0 |
| 21 | Integrated profiling of metabolites and trace elements reveals a multifaceted malnutrition in pregnant women from a region with a high prevalence of congenital malformations. <i>Metabolomics</i> , 2012, 8, 831-844. | 1.4 | 3 |
| 22 | 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. | 1.8 | 39 |
| 23 | Chia Seed Supplementation and Disease Risk Factors in Overweight Women: A Metabolomics Investigation. <i>Journal of Alternative and Complementary Medicine</i> , 2012, 18, 700-708. | 2.1 | 68 |
| 24 | ADAP-GC 2.0: Deconvolution of Coeluting Metabolites from GC/TOF-MS Data for Metabolomics Studies. <i>Analytical Chemistry</i> , 2012, 84, 6619-6629. | 3.2 | 69 |
| 25 | Human gouty arthritis is associated with a distinct serum trace elemental profile. <i>Metallomics</i> , 2012, 4, 244. | 1.0 | 10 |
| 26 | Urinary Metabolite Markers of Precocious Puberty. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.011072. | 2.5 | 91 |
| 27 | 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. | 1.9 | 1 |
| 28 | Metabonomic Phenotyping Reveals an Embryotoxicity of Deca-Brominated Diphenyl Ether in Mice. <i>Chemical Research in Toxicology</i> , 2011, 24, 1976-1983. | 1.7 | 10 |
| 29 | Metabolomic Profiling to Identify Potential Serum Biomarkers for Schizophrenia and Risperidone Action. <i>Journal of Proteome Research</i> , 2011, 10, 5433-5443. | 1.8 | 130 |
| 30 | Metabolic Signature of Pregnant Women with Neural Tube Defects in Offspring. <i>Journal of Proteome Research</i> , 2011, 10, 4845-4854. | 1.8 | 28 |
| 31 | Serum and Urine Metabolite Profiling Reveals Potential Biomarkers of Human Hepatocellular Carcinoma. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.004945. | 2.5 | 267 |
| 32 | Investigation on the degradation of brilliant green induced oxidation by NiFe ₂ O ₄ under microwave irradiation. <i>Chemical Engineering Journal</i> , 2011, 173, 737-742. | 6.6 | 60 |
| 33 | Metabolic profiling reveals the protective effect of diammonium glycyrrhizinate on acute hepatic injury induced by carbon tetrachloride. <i>Metabolomics</i> , 2011, 7, 226-236. | 1.4 | 13 |
| 34 | 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. | 1.4 | 17 |
| 35 | Metabolomic evaluation of di-n-butyl phthalate-induced teratogenesis in mice. <i>Metabolomics</i> , 2011, 7, 559-571. | 1.4 | 15 |
| 36 | Salivary metabolite signatures of oral cancer and leukoplakia. <i>International Journal of Cancer</i> , 2011, 129, 2207-2217. | 2.3 | 185 |

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|----|---|-----|-----------|
| 37 | Serum and Urine Metabolite Profiling Reveals Potential Biomarkers of Human Hepatocellular Carcinoma*. <i>Molecular and Cellular Proteomics</i> , 2011, 10, A110.004945. | 2.5 | 11 |
| 38 | Urinary metabolomics as a potentially novel diagnostic and stratification tool for knee osteoarthritis. <i>Metabolomics</i> , 2010, 6, 109-118. | 1.4 | 39 |
| 39 | An optimized procedure for metabolomic 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. | 1.4 | 72 |
| 40 | 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. | 1.3 | 44 |
| 41 | Comprehensive comparison of classifiers for metabolic profiling analysis. , 2010, , . | | 0 |
| 42 | Urinary Metabonomic Study on Colorectal Cancer. <i>Journal of Proteome Research</i> , 2010, 9, 1627-1634. | 1.8 | 203 |
| 43 | An Automated Data Analysis Pipeline for GC-TOFMS Metabonomics Studies. <i>Journal of Proteome Research</i> , 2010, 9, 5974-5981. | 1.8 | 59 |
| 44 | Metabonomic Evaluation of Melamine-Induced Acute Renal Toxicity in Rats. <i>Journal of Proteome Research</i> , 2010, 9, 125-133. | 1.8 | 87 |
| 45 | Degradation of malachite green solution using combined microwave and ZnFe ₂ O ₄ powder. <i>Water Science and Technology</i> , 2009, 60, 2563-2569. | 1.2 | 13 |
| 46 | 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. | 1.2 | 33 |
| 47 | Serum Metabolite Profiling of Human Colorectal Cancer Using GC-TOFMS and UPLC-QTOFMS. <i>Journal of Proteome Research</i> , 2009, 8, 4844-4850. | 1.8 | 363 |
| 48 | Trace Element Profiling Using Inductively Coupled Plasma Mass Spectrometry and its Application in an Osteoarthritis Study. <i>Analytical Chemistry</i> , 2009, 81, 3683-3692. | 3.2 | 31 |
| 49 | Metabonomics Approach to Understanding Acute and Chronic Stress in Rat Models. <i>Journal of Proteome Research</i> , 2009, 8, 2511-2518. | 1.8 | 66 |
| 50 | Characterization of Pu-erh Tea Using Chemical and Metabolic Profiling Approaches. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3046-3054. | 2.4 | 111 |
| 51 | Metabonomic Variations in the Drug-Treated Type 2 Diabetes Mellitus Patients and Healthy Volunteers. <i>Journal of Proteome Research</i> , 2009, 8, 1623-1630. | 1.8 | 123 |
| 52 | 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. | 1.9 | 58 |
| 53 | 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. | 1.6 | 25 |
| 54 | Ultra-performance LC/TOF MS analysis of medicinal <i>Panax</i> herbs for metabolomic research. <i>Journal of Separation Science</i> , 2008, 31, 1015-1026. | 1.3 | 161 |

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|----|--|-----|-----------|
| 55 | 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. | 1.3 | 21 |
| 56 | Metabolite profiling of <i>Panax notoginseng</i> using UPLC-ESI-MS. <i>Phytochemistry</i> , 2008, 69, 2237-2244. | 1.4 | 103 |
| 57 | Studies on the treatment of brilliant green solution by combination microwave induced oxidation with CoFe ₂ O ₄ . <i>Separation and Purification Technology</i> , 2008, 62, 458-463. | 3.9 | 37 |
| 58 | 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. | 1.3 | 164 |
| 59 | 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. | 1.7 | 49 |
| 60 | Metabonomic and Metallomic Profiling in the Amniotic Fluid of Malnourished Pregnant Rats. <i>Journal of Proteome Research</i> , 2008, 7, 2151-2157. | 1.8 | 28 |
| 61 | 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. | 1.8 | 81 |
| 62 | 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. | 3.3 | 994 |
| 63 | 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. | 1.3 | 104 |
| 64 | Metabolic Regulatory Network Alterations in Response to Acute Cold Stress and Ginsenoside Intervention. <i>Journal of Proteome Research</i> , 2007, 6, 3449-3455. | 1.8 | 62 |
| 65 | Pharmacometabonomic Phenotyping Reveals Different Responses to Xenobiotic Intervention in Rats. <i>Journal of Proteome Research</i> , 2007, 6, 1364-1370. | 1.8 | 91 |
| 66 | Analysis of urinary metabolites for metabolomic study by pressurized CEC. <i>Electrophoresis</i> , 2007, 28, 4459-4468. | 1.3 | 16 |
| 67 | LC/ESI-MS method for the determination of trimetazidine in human plasma: Application to a bioequivalence study on Chinese volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 1804-1807. | 1.4 | 24 |
| 68 | Metabonomic Study of Aristolochic Acid-Induced Nephrotoxicity in Rats. <i>Journal of Proteome Research</i> , 2006, 5, 995-1002. | 1.8 | 113 |
| 69 | 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. | 1.3 | 6 |
| 70 | Preparation of Indapamide slow-release pellets. <i>Advances in Therapy</i> , 2004, 21, 238-246. | 1.3 | 1 |