

Chun Cai

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

479
citations

840776

11
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	The studies on the cytotoxicity in vitro, cellular uptake, cell cycle arrest and apoptosis-inducing properties of ruthenium methylimidazole complex [Ru(Melm) ₄ (p-cpip)] ²⁺ . <i>Journal of Inorganic Biochemistry</i> , 2016, 156, 64-74.	3.5	69
2	A plasma lipidomics strategy reveals perturbed lipid metabolic pathways and potential lipid biomarkers of human colorectal cancer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1068-1069, 41-48.	2.3	63
3	Characteristics of fatty acid distribution is associated with colorectal cancer prognosis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013, 88, 355-360.	2.2	52
4	Analysis of global DNA methylation by hydrophilic interaction ultra high-pressure liquid chromatography tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2011, 413, 164-170.	2.4	44
5	Omega-3 Polyunsaturated Fatty Acids Inhibited Tumor Growth via Preventing the Decrease of Genomic DNA Methylation in Colorectal Cancer Rats. <i>Nutrition and Cancer</i> , 2016, 68, 113-119.	2.0	33
6	Serum polyunsaturated fatty acid metabolites as useful tool for screening potential biomarker of colorectal cancer. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 120, 25-31.	2.2	31
7	Simultaneous Determination of Global DNA Methylation and Hydroxymethylation Levels by Hydrophilic Interaction Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Biomolecular Screening</i> , 2012, 17, 877-884.	2.6	29
8	Enhanced liver targeting of 5-fluorouracil using galactosylated human serum albumin as a carrier molecule. <i>Journal of Drug Targeting</i> , 2006, 14, 55-61.	4.4	25
9	Quantification of the sixth DNA base 5-hydroxymethylcytosine in colorectal cancer tissue and C-26 cell line. <i>Bioanalysis</i> , 2013, 5, 839-845.	1.5	25
10	Metabolomic profiling of fatty acid biomarkers for intracerebral hemorrhage stroke. <i>Talanta</i> , 2021, 222, 121679.	5.5	14
11	Distinct differences in serum eicosanoids in healthy, enteritis and colorectal cancer individuals. <i>Metabolomics</i> , 2018, 14, 4.	3.0	13
12	The hypermethylation of p16 gene exon 1 and exon 2: potential biomarkers for colorectal cancer and are associated with cancer pathological staging. <i>BMC Cancer</i> , 2018, 18, 1023.	2.6	12
13	The Anticancer Role of Omega-3 Polyunsaturated Fatty Acids was Closely Associated with the Increase in Genomic DNA Hydroxymethylation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 330-336.	1.7	12
14	A quantitative method for detecting DNA methylation over targeted genomic regions using isotope dilution liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2017, 169, 136-140.	5.5	11
15	Polymerization retardation isothermal amplification (PRIA): a strategy enables sensitively quantify genome-wide 5-methylcytosine oxides rapidly on handy instruments with nanoscale sample input. <i>Nucleic Acids Research</i> , 2019, 47, e119-e119.	14.5	10
16	Screening of exon methylation biomarkers for colorectal cancer via LC-MS/MS strategy. <i>Journal of Mass Spectrometry</i> , 2017, 52, 860-866.	1.6	7
17	Quantification of DNA methylation and hydroxymethylation in Alzheimer's disease mouse model using LC-MS/MS. <i>Journal of Mass Spectrometry</i> , 2018, 53, 590-594.	1.6	7
18	Integration of ultra-high-pressure liquid chromatography-tandem mass spectrometry with machine learning for identifying fatty acid metabolite biomarkers of ischemic stroke. <i>Chemical Communications</i> , 2020, 56, 6656-6659.	4.1	7

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19	Targeted fatty acid metabolomics to discover Parkinson's disease associated metabolic alteration. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4781.	1.6	6
20	Cardioprotective Effects of n-3 Polyunsaturated Fatty Acids: Orchestration of mRNA Expression, Protein Phosphorylation, and Lipid Metabolism in Pressure Overload Hearts. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 788270.	2.4	5
21	Validation and quantification of genomic 5-carboxylcytosine (5caC) in mouse brain tissue by liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2016, 8, 5812-5817.	2.7	4
22	Application of LC-MS/MS to the searching of methylated exons in colorectal cancer tissues. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018, 41, 705-712.	1.0	0