Chun Cai

List of Publications by Year
in descending order

22	479	840776 11	713466 21
papers	citations	h-index	g-index

22	22	22	1223
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metabolomic profiling of fatty acid biomarkers for intracerebral hemorrhage stroke. Talanta, 2021, 222, 121679.	5.5	14
2	Targeted fatty acid metabolomics to discover Parkinson's disease associated metabolic alteration. Journal of Mass Spectrometry, 2021, 56, e4781.	1.6	6
3	Cardioprotective Effects of n-3 Polyunsaturated Fatty Acids: Orchestration of mRNA Expression, Protein Phosphorylation, and Lipid Metabolism in Pressure Overload Hearts. Frontiers in Cardiovascular Medicine, 2021, 8, 788270.	2.4	5
4	Integration of ultra-high-pressure liquid chromatographyâ€“tandem mass spectrometry with machine learning for identifying fatty acid metabolite biomarkers of ischemic stroke. Chemical Communications, 2020, 56, 6656-6659.	4.1	7
5	Polymerization retardation isothermal amplification (PRIA): a strategy enables sensitively quantify genome-wide 5-methylcytosine oxides rapidly on handy instruments with nanoscale sample input. Nucleic Acids Research, 2019, 47, e119-e119.	14.5	10
6	The Anticancer Role of Omega-3 Polyunsaturated Fatty Acids was Closely Associated with the Increase in Genomic DNA Hydroxymethylation. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 330-336.	1.7	12
7	Distinct differences in serum eicosanoids in healthy, enteritis and colorectal cancer individuals. Metabolomics, 2018, 14, 4.	3.0	13
8	Quantification of DNA methylation and hydroxymethylation in Alzheimer's disease mouse model using LCâ€MS/MS. Journal of Mass Spectrometry, 2018, 53, 590-594.	1.6	7
9	Application of LC-MS/MS to the searching of methylated exons in colorectal cancer tissues. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 705-712.	1.0	0
10	The hypermethylation of p16 gene exon 1 and exon 2: potential biomarkers for colorectal cancer and are associated with cancer pathological staging. BMC Cancer, 2018, 18, 1023.	2.6	12
11	Serum polyunsaturated fatty acid metabolites as useful tool for screening potential biomarker of colorectal cancer. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 120, 25-31.	2.2	31
12	A quantitative method for detecting DNA methylation over targeted genomic regions using isotope dilution liquid chromatography tandem mass spectrometry. Talanta, 2017, 169, 136-140.	5.5	11
13	A plasma lipidomics strategy reveals perturbed lipid metabolic pathways and potential lipid biomarkers of human colorectal cancer. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1068-1069, 41-48.	2.3	63
14	Screening of exon methylation biomarkers for colorectal cancer via LCâ€MS/MS strategy. Journal of Mass Spectrometry, 2017, 52, 860-866.	1.6	7
15	Validation and quantification of genomic 5-carboxylcytosine (5caC) in mouse brain tissue by liquid chromatography-tandem mass spectrometry. Analytical Methods, 2016, 8, 5812-5817.	2.7	4
16	Omega-3 Polyunsaturated Fatty Acids Inhibited Tumor Growth via Preventing the Decrease of Genomic DNA Methylation in Colorectal Cancer Rats. Nutrition and Cancer, 2016, 68, 113-119.	2.0	33
17	The studies on the cytotoxicity in vitro, cellular uptake, cell cycle arrest and apoptosis-inducing properties of ruthenium methylimidazole complex [Ru(MeIm)4(p-cpip)]2+. Journal of Inorganic Biochemistry, 2016, 156, 64-74.	3.5	69
18	Characteristics of fatty acid distribution is associated with colorectal cancer prognosis. Prostaglandins Leukotrienes and Essential Fatty Acids, 2013, 88, 355-360.	2.2	52

#	Article	IF	Citations
19	Quantification of the sixth DNA base 5-hydroxymethylcytosine in colorectal cancer tissue and C-26 cell line. Bioanalysis, 2013, 5, 839-845.	1.5	25
20	Simultaneous Determination of Global DNA Methylation and Hydroxymethylation Levels by Hydrophilic Interaction Liquid Chromatographyâ€“Tandem Mass Spectrometry. Journal of Biomolecular Screening, 2012, 17, 877-884.	2.6	29
21	Analysis of global DNA methylation by hydrophilic interaction ultra high-pressure liquid chromatography tandem mass spectrometry. Analytical Biochemistry, 2011, 413, 164-170.	2.4	44
22	Enhanced liver targeting of 5-fluorouracil using galactosylated human serum albumin as a carrier molecule. Journal of Drug Targeting, 2006, 14, 55-61.	4.4	25