

Arthur Chi Kong Chung

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

682
citations

471371

17
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	MALDI-MS Imaging Reveals Asymmetric Spatial Distribution of Lipid Metabolites from Bisphenol S-Induced Nephrotoxicity. <i>Analytical Chemistry</i> , 2018, 90, 3196-3204.	3.2	73
2	Persistent Organic Pollutants as Risk Factors for Obesity and Diabetes. <i>Current Diabetes Reports</i> , 2017, 17, 132.	1.7	61
3	PFOA and PFOS promote diabetic renal injury in vitro by impairing the metabolisms of amino acids and purines. <i>Science of the Total Environment</i> , 2019, 676, 72-86.	3.9	55
4	Sirt3 Deficiency Increased the Vulnerability of Pancreatic Beta Cells to Oxidative Stress-Induced Dysfunction. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 962-976.	2.5	47
5	Lingzhi lactones from <i>Ganoderma lingzhi</i> ameliorate adriamycin-induced nephropathy in mice. <i>Journal of Ethnopharmacology</i> , 2015, 176, 385-393.	2.0	46
6	Mass spectrometry-based metabolomics reveals the mechanism of ambient fine particulate matter and its components on energy metabolic reprogramming in BEAS-2B cells. <i>Science of the Total Environment</i> , 2019, 651, 3139-3150.	3.9	45
7	In Situ Detection and Imaging of PFOS in Mouse Kidney by Matrix-Assisted Laser Desorption/Ionization Imaging Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 8783-8788.	3.2	43
8	The brominated flame retardant BDE 47 upregulates purine metabolism and mitochondrial respiration to promote adipocyte differentiation. <i>Science of the Total Environment</i> , 2018, 644, 1312-1322.	3.9	39
9	The cellular effects of PM _{2.5} collected in Chinese Taiyuan and Guangzhou and their associations with polycyclic aromatic hydrocarbons (PAHs), nitro-PAHs and hydroxy-PAHs. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110225.	2.9	39
10	Derivatization strategy combined with parallel reaction monitoring for the characterization of short-chain fatty acids and their hydroxylated derivatives in mouse. <i>Analytica Chimica Acta</i> , 2020, 1100, 66-74.	2.6	37
11	Chronic exposure to tetrabromodiphenyl ether (BDE-47) aggravates hepatic steatosis and liver fibrosis in diet-induced obese mice. <i>Journal of Hazardous Materials</i> , 2019, 378, 120766.	6.5	36
12	Large-Scale Longitudinal Metabolomics Study Reveals Different Trimester-Specific Alterations of Metabolites in Relation to Gestational Diabetes Mellitus. <i>Journal of Proteome Research</i> , 2019, 18, 292-300.	1.8	33
13	Integrative Chemical Proteomics-Metabolomics Approach Reveals Acaca/Acacb as Direct Molecular Targets of PFOA. <i>Analytical Chemistry</i> , 2018, 90, 11092-11098.	3.2	27
14	Immunotoxic Potential of Bisphenol F Mediated through Lipid Signaling Pathways on Macrophages. <i>Environmental Science & Technology</i> , 2019, 53, 11420-11428.	4.6	23
15	Early-life exposure to endocrine disrupting chemicals associates with childhood obesity. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2018, 23, 182-195.	0.8	22
16	Metabolic perturbation, proliferation and reactive oxygen species jointly contribute to cytotoxicity of human breast cancer cell induced by tetrabromo and tetrachloro bisphenol A. <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 495-501.	2.9	21
17	Prenatal exposure to ambient fine particulate matter induces dysregulations of lipid metabolism in adipose tissue in male offspring. <i>Science of the Total Environment</i> , 2019, 657, 1389-1397.	3.9	20
18	LC-MS-based metabolomics revealed SLC25A22 as an essential regulator of aspartate-derived amino acids and polyamines in <i>KRAS</i> -mutant colorectal cancer. <i>Oncotarget</i> , 2017, 8, 101333-101344.	0.8	15

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19	Legacy effect of high glucose on promoting survival of HCT116 colorectal cancer cells by reducing endoplasmic reticulum stress response.. American Journal of Cancer Research, 2021, 11, 6004-6023.	1.4	0