Miao Yu

List of Publications by Year in Descending Order

41 papers	884 citations	19 h-index	29 g-index
53 ext. papers	1,068 ext. citations	8 avg, IF	4.28 L-index

#	Paper	IF	Citations
41	Reproducible untargeted metabolomics workflow for exhaustive MS2 data acquisition of MS1 features.. *Journal of Cheminformatics*, **2022**, 14, 6	8.6	1
40	Calculation and Experimental Validation of a Novel Approach Using Solubility Parameters as Indicators for the Extraction of Additives in Plastics. *Analytical Chemistry*, **2021**, 93, 14837-14843	7.8	0
39	Serum metabolic fingerprinting of psoriasis and psoriatic arthritis patients using solid-phase microextraction-liquid chromatography-high-resolution mass spectrometry. *Metabolomics*, **2021**, 17, 59	4.7	5
38	Tooth biomarkers to characterize the temporal dynamics of the fetal and early-life exposome. *Environment International*, **2021**, 157, 106849	12.9	3
37	Untargeted metabolomics profiling and hemoglobin normalization for archived newborn dried blood spots from a refrigerated biorepository. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 191, 113574	3.5	7
36	Investigation of Early Death-Induced Changes in Rat Brain by Solid Phase Microextraction via Untargeted High Resolution Mass Spectrometry: versus Postmortem Comparative Study. *ACS Chemical Neuroscience*, **2020**, 11, 1827-1840	5.7	9
35	Metabolism of SCCPs and MCCPs in Suspension Rice Cells Based on Paired Mass Distance (PMD) Analysis. *Environmental Science & Technology*, **2020**, 54, 9990-9999	10.3	11
34	In Vivo SPME for Bioanalysis in Environmental Monitoring and Toxicology **2020**, 23-31		1
33	Untargeted high-resolution paired mass distance data mining for retrieving general chemical relationships. *Communications Chemistry*, **2020**, 3,	6.3	7
32	Metabolic profile of fish muscle tissue changes with sampling method, storage strategy and time. *Analytica Chimica Acta*, **2020**, 1136, 42-50	6.6	3
31	In□vivo solid-phase microextraction sampling combined with metabolomics and toxicological studies for the non-lethal monitoring of the exposome in fish tissue. *Environmental Pollution*, **2019**, 249, 109-115	9.3	26
30	Glycosylation of Tetrabromobisphenol A in Pumpkin. *Environmental Science & Technology*, **2019**, 53, 8805-8812	10.3	17
29	Structure/reaction directed analysis for LC-MS based untargeted analysis. *Analytica Chimica Acta*, **2019**, 1050, 16-24	6.6	18
28	Natural Silicon Isotopic Signatures Reveal the Sources of Airborne Fine Particulate Matter. *Environmental Science & Technology*, **2018**, 52, 1088-1095	10.3	17
27	Tracing the Biotransformation of Polycyclic Aromatic Hydrocarbons in Contaminated Soil Using Stable Isotope-Assisted Metabolomics. *Environmental Science and Technology Letters*, **2018**, 5, 103-109	11	27
26	Metabolome Profiling of Fish Muscle Tissue Exposed to Benzo[a]pyrene Using in Vivo Solid-Phase Microextraction. *Environmental Science and Technology Letters*, **2018**, 5, 431-435	11	29
25	Tissue storage affects lipidome profiling in comparison to in vivo microsampling approach. *Scientific Reports*, **2018**, 8, 6980	4.9	24

24	Hydroxylated and methoxylated polybrominated diphenyl ethers in a marine food web of Chinese Bohai Sea and their human dietary exposure. *Environmental Pollution*, **2018**, 233, 604-611	9.3	19
23	Biotransformation of tetrabromobisphenol A dimethyl ether back to tetrabromobisphenol A in whole pumpkin plants. *Environmental Pollution*, **2018**, 241, 331-338	9.3	17
22	Dechlorination and chlorine rearrangement of 1,2,5,5,6,9,10-heptachlorodecane mediated by the whole pumpkin seedlings. *Environmental Pollution*, **2017**, 224, 524-531	9.3	18
21	Distribution, Bioaccumulation, Trophic Transfer, and Influences of CeO Nanoparticles in a Constructed Aquatic Food Web. *Environmental Science & Technology*, **2017**, 51, 5205-5214	10.3	27
20	Towards on-site analysis of complex matrices by solid-phase microextraction-transmission mode coupled to a portable mass spectrometer via direct analysis in real time. *Analyst, The*, **2017**, 142, 2928-2935	5	57
19	Deposition of a Sorbent into a Recession on a Solid Support To Provide a New, Mechanically Robust Solid-Phase Microextraction Device. *Analytical Chemistry*, **2017**, 89, 8021-8026	7.8	35
18	Chlorinated Polyfluoroalkyl Ether Sulfonic Acids in Marine Organisms from Bohai Sea, China: Occurrence, Temporal Variations, and Trophic Transfer Behavior. *Environmental Science & Technology*, **2017**, 51, 4407-4414	10.3	86
17	Bioaccumulation of hexachlorobutadiene in pumpkin seedlings after waterborne exposure. *Environmental Sciences: Processes and Impacts*, **2017**, 19, 1327-1335	4.3	4
16	Analysis of bromophenols in various aqueous samples using solid phase extraction followed by HPLC-MS/MS. *Talanta*, **2017**, 164, 57-63	6.2	21
15	Evaluation and reduction of the analytical uncertainties in GC-MS analysis using a boundary regression model. *Talanta*, **2017**, 164, 141-147	6.2	7
14	Tetrabromobisphenol-A/S and Nine Novel Analogs in Biological Samples from the Chinese Bohai Sea: Implications for Trophic Transfer. *Environmental Science & Technology*, **2016**, 50, 4203-11	10.3	68
13	Structure prediction of methyoxy-polybrominated diphenyl ethers (MeO-PBDEs) through GC-MS analysis of their corresponding PBDEs. *Talanta*, **2016**, 152, 9-14	6.2	2
12	Real Time Online Correction of Mass Shifts and Intensity Fluctuations in Extractive Electrospray Ionization Mass Spectrometry. *Analytical Chemistry*, **2015**, 87, 11962-6	7.8	9
11	Characterization of Three Tetrabromobisphenol-S Derivatives in Mollusks from Chinese Bohai Sea: A Strategy for Novel Brominated Contaminants Identification. *Scientific Reports*, **2015**, 5, 11741	4.9	17
10	Graphenized pencil lead fiber: facile preparation and application in solid-phase microextraction. *Journal of Chromatography A*, **2014**, 1325, 1-7	4.5	36
9	Reciprocal Transformation between Hydroxylated and Methoxylated Polybrominated Diphenyl Ethers in Young Whole Pumpkin Plants. *Environmental Science and Technology Letters*, **2014**, 1, 236-241	11	19
8	Levels and distributions of hexachlorobutadiene and three chlorobenzenes in biosolids from wastewater treatment plants and in soils within and surrounding a chemical plant in China. *Environmental Science & Technology*, **2014**, 48, 1525-31	10.3	33
7	Trace analysis of mono-, di-, tri-substituted polyfluoroalkyl phosphates and perfluorinated phosphonic acids in sewage sludge by high performance liquid chromatography tandem mass spectrometry. *Talanta*, **2013**, 111, 170-7	6.2	22

6	Hydroxylated polybrominated diphenyl ethers (OH-PBDEs) in biosolids from municipal wastewater treatment plants in China. *Chemosphere*, **2013**, 90, 2388-95	8.4	35
5	Identification of tetrabromobisphenol A allyl ether and tetrabromobisphenol A 2,3-dibromopropyl ether in the ambient environment near a manufacturing site and in mollusks at a coastal region. *Environmental Science & Technology*, **2013**, 47, 4760-7	10.3	58
4	Metabolites of 2,4,4′-tribrominated diphenyl ether (BDE-28) in pumpkin after in vivo and in vitro exposure. *Environmental Science & Technology*, **2013**, 47, 13494-501	10.3	31
3	In vivo metabolism of 2,2′,4,4′-tetrabromodiphenyl ether (BDE-47) in young whole pumpkin plant. *Environmental Science & Technology*, **2013**, 47, 3701-7	10.3	51
2	In Vivo Solid-Phase Microextraction and Applications in Environmental Sciences. *ACS Environmental Au*,		1
1	Reactomics: using mass spectrometry as a reaction detector		2