

Saer Samanipour

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,412
citations

331670

21
h-index

345221

36
g-index

40
all docs

40
docs citations

40
times ranked

1444
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and quantification of selected plastics in biosolids by pressurized liquid extraction combined with double-shot pyrolysis gas chromatography–mass spectrometry. <i>Science of the Total Environment</i> , 2020, 715, 136924.	8.0	145
2	Quantitative Analysis of Selected Plastics in High-Commercial-Value Australian Seafood by Pyrolysis Gas Chromatography Mass Spectrometry. <i>Environmental Science & Technology</i> , 2020, 54, 9408-9417.	10.0	143
3	Social, demographic, and economic correlates of food and chemical consumption measured by wastewater-based epidemiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21864-21873.	7.1	104
4	Exploring the Potential of a Global Emerging Contaminant Early Warning Network through the Use of Retrospective Suspect Screening with High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2018, 52, 5135-5144.	10.0	101
5	Airborne emissions of microplastic fibres from domestic laundry dryers. <i>Science of the Total Environment</i> , 2020, 747, 141175.	8.0	99
6	Plastics in biosolids from 1950 to 2016: A function of global plastic production and consumption. <i>Water Research</i> , 2021, 201, 117367.	11.3	77
7	An assessment of quality assurance/quality control efforts in high resolution mass spectrometry non-target workflows for analysis of environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116063.	11.4	73
8	Plastics contamination of store-bought rice. <i>Journal of Hazardous Materials</i> , 2021, 416, 125778.	12.4	70
9	Combining a Deconvolution and a Universal Library Search Algorithm for the Nontarget Analysis of Data-Independent Acquisition Mode Liquid Chromatography–High-Resolution Mass Spectrometry Results. <i>Environmental Science & Technology</i> , 2018, 52, 4694-4701.	10.0	52
10	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	46
11	A novel method for the quantification of tire and polymer-modified bitumen particles in environmental samples by pyrolysis gas chromatography mass spectroscopy. <i>Journal of Hazardous Materials</i> , 2022, 423, 127092.	12.4	42
12	Machine learning combined with non-targeted LC-HRMS analysis for a risk warning system of chemical hazards in drinking water: A proof of concept. <i>Talanta</i> , 2019, 195, 426-432.	5.5	28
13	Analyte quantification with comprehensive two-dimensional gas chromatography: Assessment of methods for baseline correction, peak delineation, and matrix effect elimination for real samples. <i>Journal of Chromatography A</i> , 2015, 1375, 123-139.	3.7	27
14	GC–GC Quantification of Priority and Emerging Nonpolar Halogenated Micropollutants in All Types of Wastewater Matrices: Analysis Methodology, Chemical Occurrence, and Partitioning. <i>Environmental Science & Technology</i> , 2015, 49, 7914-7925.	10.0	26
15	The effect of extraction methodology on the recovery and distribution of naphthenic acids of oilfield produced water. <i>Science of the Total Environment</i> , 2019, 652, 1416-1423.	8.0	26
16	Wastewater-based estimation of the prevalence of gout in Australia. <i>Science of the Total Environment</i> , 2020, 715, 136925.	8.0	26
17	Assessing sample extraction efficiencies for the analysis of complex unresolved mixtures of organic pollutants: A comprehensive non-target approach. <i>Analytica Chimica Acta</i> , 2018, 1025, 92-98.	5.4	24
18	Self Adjusting Algorithm for the Nontargeted Feature Detection of High Resolution Mass Spectrometry Coupled with Liquid Chromatography Profile Data. <i>Analytical Chemistry</i> , 2019, 91, 10800-10807.	6.5	24

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19	Population Socioeconomics Predicted Using Wastewater. <i>Environmental Science and Technology Letters</i> , 2020, 7, 567-572.	8.7	23
20	Concentration and Distribution of Naphthenic Acids in the Produced Water from Offshore Norwegian North Sea Oilfields. <i>Environmental Science & Technology</i> , 2020, 54, 2707-2714.	10.0	23
21	Two stage algorithm vs commonly used approaches for the suspect screening of complex environmental samples analyzed via liquid chromatography high resolution time of flight mass spectroscopy: A test study. <i>Journal of Chromatography A</i> , 2017, 1501, 68-78.	3.7	22
22	Statistical Variable Selection: An Alternative Prioritization Strategy during the Nontarget Analysis of LC-HR-MS Data. <i>Analytical Chemistry</i> , 2017, 89, 5585-5591.	6.5	22
23	Integrated chemical exposure assessment of coastal green turtle foraging grounds on the Great Barrier Reef. <i>Science of the Total Environment</i> , 2019, 657, 401-409.	8.0	21
24	A two stage algorithm for target and suspect analysis of produced water via gas chromatography coupled with high resolution time of flight mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1463, 153-161.	3.7	16
25	Inter-laboratory mass spectrometry dataset based on passive sampling of drinking water for non-target analysis. <i>Scientific Data</i> , 2021, 8, 223.	5.3	14
26	Out of sight but not out of mind: Size fractionation of plastics bioaccumulated by field deployed oysters. <i>Journal of Hazardous Materials Letters</i> , 2021, 2, 100021.	3.6	14
27	Elevated Concentrations of 4-Bromobiphenyl and 1,3,5-Tribromobenzene Found in Deep Water of Lake Geneva Based on GC-MS-TOFMS and GC-MS-ECD. <i>ACS Omega</i> , 2017, 2, 641-652.	3.5	13
28	Utilization of Machine Learning for the Differentiation of Positional NPS Isomers with Direct Analysis in Real Time Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 5029-5040.	6.5	12
29	In-Sewer Stability Assessment of Anabolic Steroids and Selective Androgen Receptor Modulators. <i>Environmental Science & Technology</i> , 2022, 56, 1627-1638.	10.0	10
30	Automated Feature Mining for Two-Dimensional Liquid Chromatography Applied to Polymers Enabled by Mass Remainder Analysis. <i>Analytical Chemistry</i> , 2022, 94, 5599-5607.	6.5	10
31	In-sewer stability of selected analgesics and their metabolites. <i>Water Research</i> , 2021, 204, 117647.	11.3	9
32	From Centroided to Profile Mode: Machine Learning for Prediction of Peak Width in HRMS Data. <i>Analytical Chemistry</i> , 2021, 93, 16562-16570.	6.5	9
33	Naive Bayes classification model for isotopologue detection in LC-HRMS data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 223, 104515.	3.5	9
34	Examining the Relevance of the Microplastic-Associated Additive Fraction in Environmental Compartments. <i>ACS ES&T Water</i> , 2022, 2, 405-413.	4.6	9
35	Structure investigations of binary azeotrope of diethyl amine-acetone by FT-IR and ¹ H NMR spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 72, 390-393.	3.9	5
36	Response to Comment on "Quantitative Analysis of Selected Plastics in High-Commercial-Value Australian Seafood by Pyrolysis Gas Chromatography Mass Spectrometry". <i>Environmental Science & Technology</i> , 2020, 54, 15556-15557.	10.0	2