Jochen F Mueller

List of Publications by Year
in descending order

302 papers	16,466 citations	13827 67 h-index	26548 107 g-index
305 all docs	305 docs citations	305 times ranked	12298 citing authors

#	Article	IF	Citations
1	First confirmed detection of SARS-CoV-2 in untreated wastewater in Australia: A proof of concept for the wastewater surveillance of COVID-19 in the community. Science of the Total Environment, 2020, 728, 138764.	3.9	1,393
2	Comparison of virus concentration methods for the RT-qPCR-based recovery of murine hepatitis virus, a surrogate for SARS-CoV-2 from untreated wastewater. Science of the Total Environment, 2020, 739, 139960.	3.9	405
3	Wastewater-Based Epidemiology: Global Collaborative to Maximize Contributions in the Fight Against COVID-19. Environmental Science & Technology, 2020, 54, 7754-7757.	4.6	337
4	Wastewater-based epidemiology biomarkers: Past, present and future. TrAC - Trends in Analytical Chemistry, 2018, 105, 453-469.	5.8	327
5	Sampling for PPCPs in Wastewater Systems: Comparison of Different Sampling Modes and Optimization Strategies. Environmental Science & Technology, 2010, 44, 6289-6296.	4.6	307
6	Herbicides: A new threat to the Great Barrier Reef. Environmental Pollution, 2009, 157, 2470-2484.	3.7	282
7	SARS-CoV-2 RNA monitoring in wastewater as a potential early warning system for COVID-19 transmission in the community: A temporal case study. Science of the Total Environment, 2021, 761, 144216.	3.9	218
8	Age as a determinant of phosphate flame retardant exposure of the Australian population and identification of novel urinary PFR metabolites. Environment International, 2015, 74, 1-8.	4.8	211
9	Refining the estimation of illicit drug consumptions from wastewater analysis: Co-analysis of prescription pharmaceuticals and uncertainty assessment. Water Research, 2011, 45, 4437-4448.	5.3	196
10	Influences of Chemical Properties, Soil Properties, and Solution pH on Soilâ€“Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). Environmental Science & Technology, 2020, 54, 15883-15892.	4.6	171
11	Serum Polybrominated Diphenyl Ether (PBDE) Levels Are Higher in Children (2â€“5 Years of Age) than in Infants and Adults. Environmental Health Perspectives, 2009, 117, 1461-1465.	2.8	169
12	Enhanced Elimination of Perfluorooctane Sulfonic Acid by Menstruating Women: Evidence from Population-Based Pharmacokinetic Modeling. Environmental Science & Technology, 2014, 48, 8807-8814.	4.6	153
13	Glyphosate persistence in seawater. Marine Pollution Bulletin, 2014, 85, 385-390.	2.3	153
14	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. Science of the Total Environment, 2022, 805, 149877.	3.9	153
15	Levels of 12 Perfluorinated Chemicals in Pooled Australian Serum, Collected 2002â€"2003, in Relation to Age, Gender, and Region. Environmental Science & Technology, 2006, 40, 3742-3748.	4.6	152
16	Polyfluoroalkyl Chemicals in Pooled Blood Serum from Infants, Children, and Adults in Australia. Environmental Science & Technology, 2009, 43, 4194-4199.	4.6	151
17	Methodology and evaluation of a highly sensitive algae toxicity test based on multiwell chlorophyll fluorescence imaging. Biosensors and Bioelectronics, 2007, 22, 2554-2563.	5.3	146
18	Detection of SARS-CoV-2 RNA in commercial passenger aircraft and cruise ship wastewater: a surveillance tool for assessing the presence of COVID-19 infected travellers. Journal of Travel Medicine, 2020, 27, .	1.4	146

#	Article	IF	Citations
19	Concentrations of polybrominated diphenyl ethers (PBDEs) in matched samples of human milk, dust and indoor air. Environment International, 2009, 35, 864-869.	4.8	145
20	Identification and quantification of selected plastics in biosolids by pressurized liquid extraction combined with double-shot pyrolysis gas chromatographyâ€“mass spectrometry. Science of the Total Environment, 2020, 715, 136924.	3.9	145
21	Quantitative Analysis of Selected Plastics in High-Commercial-Value Australian Seafood by Pyrolysis Gas Chromatography Mass Spectrometry. Environmental Science & Technology, 2020, 54, 9408-9417.	4.6	143
22	The influence of age and gender on triclosan concentrations in Australian human blood serum. Science of the Total Environment, 2008, 393, 162-167.	3.9	142
23	Removal of PFOS, PFOA and other perfluoroalkyl acids at water reclamation plants in South East Queensland Australia. Chemosphere, 2011, 82, 9-17.	4.2	141
24	Novel Fluorinated Surfactants Tentatively Identified in Firefighters Using Liquid Chromatography Quadrupole Time-of-Flight Tandem Mass Spectrometry and a Case-Control Approach. Environmental Science & Technology, 2015, 49, 2434-2442.	4.6	141
25	Toxic equivalent concentrations (TEQs) for baseline toxicity and specific modes of action as a tool to improve interpretation of ecotoxicity testing of environmental samples. Journal of Environmental Monitoring, 2008, 10, 612.	2.1	136
26	Monitoring pesticides in the Great Barrier Reef. Marine Pollution Bulletin, 2010, 60, 113-122.	2.3	134
27	A Model to Estimate the Population Contributing to the Wastewater Using Samples Collected on Census Day. Environmental Science & Technology, 2014, 48, 517-525.	4.6	131
28	Organophosphate and brominated flame retardants in Australian indoor environments: Levels, sources, and preliminary assessment of human exposure. Environmental Pollution, 2018, 235, 670-679.	3.7	131
29	Elevated levels of PFOS and PFHxS in firefighters exposed to aqueous film forming foam (AFFF). Environment International, 2015, 82, 28-34.	4.8	130
30	Discovery of novel per- and polyfluoroalkyl substances (PFASs) at a fire fighting training ground and preliminary investigation of their fate and mobility. Chemosphere, 2017, 185, 1030-1038.	4.2	128
31	Concentrations of Organophosphate Esters and Their Specific Metabolites in Food in Southeast Queensland, Australia: Is Dietary Exposure an Important Pathway of Organophosphate Esters and Their Metabolites?. Environmental Science & Technology, 2018, 52, 12765-12773.	4.6	128
32	Surveillance of SARS-CoV-2 RNA in wastewater: Methods optimization and quality control are crucial for generating reliable public health information. Current Opinion in Environmental Science and Health, 2020, 17, 82-93.	2.1	126
33	Development of sample extraction and clean-up strategies for target and non-target analysis of environmental contaminants in biological matrices. Journal of Chromatography A, 2015, 1426, 33-47.	1.8	125
34	Higher Accumulation of Polybrominated Diphenyl Ethers in Infants Than in Adults. Environmental Science & Technology, 2008, 42, 7510-7515.	4.6	122
35	Effects of sewer conditions on the degradation of selected illicit drug residues in wastewater. Water Research, 2014, 48, 538-547.	5.3	115
36	Concentrations of PFOS, PFOA and other perfluorinated alkyl acids in Australian drinking water. Chemosphere, 2011, 83, 1320-1325.	4.2	114

#	Article	IF	Citations
37	Fate and redistribution of perfluoroalkyl acids through AFFF-impacted groundwater. Science of the Total Environment, 2017, 596-597, 360-368.	3.9	107
38	Perfluoroalkyl substances in a firefighting training ground (FTG), distribution and potential future release. Journal of Hazardous Materials, 2015, 296, 46-53.	6.5	106
39	Social, demographic, and economic correlates of food and chemical consumption measured by wastewater-based epidemiology. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21864-21873.	3.3	104
40	Using quantitative wastewater analysis to measure daily usage of conventional and emerging illicit drugs at an annual music festival. Drug and Alcohol Review, 2013, 32, 594-602.	1.1	103
41	Profiles of illicit drug use during annual key holiday and control periods in Australia: wastewater analysis in an urban, a semiâ€rural and a vacation area. Addiction, 2013, 108, 556-565.	1.7	101
42	Exploring the Potential of a Global Emerging Contaminant Early Warning Network through the Use of Retrospective Suspect Screening with High-Resolution Mass Spectrometry. Environmental Science & Technology, 2018, 52, 5135-5144.	4.6	101
43	Urinary metabolites of organophosphate esters: Concentrations and age trends in Australian children. Environment International, 2018, 111, 124-130.	4.8	99
44	Impact of in-Sewer Degradation of Pharmaceutical and Personal Care Products (PPCPs) Population Markers on a Population Model. Environmental Science & Technology, 2017, 51, 3816-3823.	4.6	96
45	Bioanalytical tools for the evaluation of organic micropollutants during sewage treatment, water recycling and drinking water generation. Water Research, 2011, 45, 4238-4247.	5.3	94
46	Use of simple pharmacokinetic modeling to characterize exposure of Australians to perfluorooctanoic acid and perfluorooctane sulfonic acid. Environment International, 2010, 36, 390-397.	4.8	88
47	Perfluorinated alkyl acids in water, sediment and wildlife from Sydney Harbour and surroundings. Marine Pollution Bulletin, 2011, 62, 2869-2875.	2.3	88
48	Leaching and bioavailability of selected perfluoroalkyl acids (PFAAs) from soil contaminated by firefighting activities. Science of the Total Environment, 2019, 646, 471-479.	3.9	88
49	Estimating daily and diurnal variations of illicit drug use in Hong Kong: A pilot study of using wastewater analysis in an Asian metropolitan city. Forensic Science International, 2013, 233, 126-132.	1.3	86
50	Uptake and release of polar compounds in SDB-RPS Emporeâ„¢ disks; implications for their use as passive samplers. Chemosphere, 2009, 75, 1-7.	4.2	85
51	Wastewater analysis of Census day samples to investigate per capita input of organophosphorus flame retardants and plasticizers into wastewater. Chemosphere, 2015, 138, 328-334.	4.2	85
52	Spatial variations in the consumption of illicit stimulant drugs across Australia: A nationwide application of wastewater-based epidemiology. Science of the Total Environment, 2016, 568, 810-818.	3.9	84
53	Rapid exposure assessment of PSII herbicides in surface water using a novel chlorophyll a fluorescence imaging assay. Science of the Total Environment, 2008, 401, 51-59.	3.9	83
54	Temporal trends of PFSAs, PFCAs and selected precursors in Australian serum from 2002 to 2013. Environmental Pollution, 2017, 220, 168-177.	3.7	83

#	Article	IF	Citations
55	Long term monitoring of photosystem II herbicides â€“ Correlation with remotely sensed freshwater extent to monitor changes in the quality of water entering the Great Barrier Reef, Australia. Marine Pollution Bulletin, 2012, 65, 292-305.	2.3	82
56	Assessing the additive risks of PSII herbicide exposure to the Great Barrier Reef. Marine Pollution Bulletin, 2012, 65, 280-291.	2.3	81
57	Towards development of a rapid and effective non-destructive testing strategy to identify brominated flame retardants in the plastics of consumer products. Science of the Total Environment, 2014, 491-492, 255-265.	3.9	81
58	An analysis of ethical issues in using wastewater analysis to monitor illicit drug use. Addiction, 2012, 107, 1767-1773.	1.7	78
59	Partitioning of persistent organic pollutants (POPs) between human serum and breast milk: A literature review. Chemosphere, 2012, 89, 911-918.	4.2	77
60	Plastics in biosolids from 1950 to 2016: A function of global plastic production and consumption. Water Research, 2021, 201, 117367.	5.3	77
61	Assessment of polybrominated diphenyl ethers (PBDEs) in samples collected from indoor environments in South East Queensland, Australia. Chemosphere, 2009, 76, 173-178.	4.2	76
62	Assessment of drugs and personal care products biomarkers in the influent and effluent of two wastewater treatment plants in Ho Chi Minh City, Vietnam. Science of the Total Environment, 2018, 631-632, 469-475.	3.9	76
63	Time Integrative Passive Sampling: How Well Do Chemcatchers Integrate Fluctuating Pollutant Concentrations?. Environmental Science & Technology, 2009, 43, 1443-1448.	4.6	75
64	Measuring selected PPCPs in wastewater to estimate the population in different cities in China. Science of the Total Environment, 2016, 568, 164-170.	3.9	75
65	Persistent organochlorine pesticides in human milk samples from Australia. Chemosphere, 2008, 70, 712-720.	4.2	73
66	Pooled biological specimens for human biomonitoring of environmental chemicals: Opportunities and limitations. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 225-232.	1.8	73
67	An assessment of quality assurance/quality control efforts in high resolution mass spectrometry non-target workflows for analysis of environmental samples. TrAC - Trends in Analytical Chemistry, 2020, 133, 116063.	5.8	73
68	Medium-Chain Chlorinated Paraffins (CPs) Dominate in Australian Sewage Sludge. Environmental Science & Technology, 2017, 51, 3364-3372.	4.6	72
69	Intraday variability of indicator and pathogenic viruses in 1-h and 24-h composite wastewater samples: Implications for wastewater-based epidemiology. Environmental Research, 2021, 193, 110531.	3.7	72
70	Development and Calibration of a Passive Sampler for Perfluorinated Alkyl Carboxylates and Sulfonates in Water. Environmental Science & Technology, 2012, 46, 4985-4993.	4.6	71
71	Concentrations of organophosphate flame retardants and plasticizers in urine from young children in Queensland, Australia and associations with environmental and behavioural factors. Environmental Research, 2018, 164, 262-270.	3.7	71
72	The first application of wastewater-based drug epidemiology in five South Korean cities. Science of the Total Environment, 2015, 524-525, 440-446.	3.9	70

#	Article	IF	Citations
73	Harnessing the Power of the Census: Characterizing Wastewater Treatment Plant Catchment Populations for Wastewater-Based Epidemiology. Environmental Science & Technology, 2019, 53, 10303-10311.	4.6	69
74	Systematic and Day-to-Day Effects of Chemical-Derived Population Estimates on Wastewater-Based Drug Epidemiology. Environmental Science & Technology, 2015, 49, 999-1008.	4.6	65
75	Stability of alcohol and tobacco consumption biomarkers in a real rising main sewer. Water Research, 2018, 138, 19-26.	5.3	64
76	Aquatic Passive Sampling of Herbicides on Naked Particle Loaded Membranes:Â Accelerated Measurement and Empirical Estimation of Kinetic Parameters. Environmental Science & Technology, 2005, 39, 8891-8897.	4.6	63
77	Evaluation of Contaminant Removal of Reverse Osmosis and Advanced Oxidation in Full-Scale Operation by Combining Passive Sampling with Chemical Analysis and Bioanalytical Tools. Environmental Science & Technology, 2011, 45, 5387-5394.	4.6	63
78	Potential impact of the sewer system on the applicability of alcohol and tobacco biomarkers in wastewaterâ€based epidemiology. Drug Testing and Analysis, 2018, 10, 530-538.	1.6	63
79	Spatial and Temporal Variability in Pesticide Exposure Downstream of a Heavily Irrigated Cropping Area: Application of Different Monitoring Techniques. Journal of Agricultural and Food Chemistry, 2016, 64, 3975-3989.	2.4	62
80	Measuring spatial and temporal trends of nicotine and alcohol consumption in Australia using wastewaterâ€based epidemiology. Addiction, 2018, 113, 1127-1136.	1.7	62
81	Release of Plastics to Australian Land from Biosolids End-Use. Environmental Science & Technology, 2020, 54, 15132-15141.	4.6	62
82	Cocaine, MDMA and methamphetamine residues in wastewater: Consumption trends (2009â€“2015) in South East Queensland, Australia. Science of the Total Environment, 2016, 568, 803-809.	3.9	61
83	Aquatic Global Passive Sampling (AQUA-GAPS) Revisited: First Steps toward a Network of Networks for Monitoring Organic Contaminants in the Aquatic Environment. Environmental Science & Technology, 2017, 51, 1060-1067.	4.6	61
84	Evaluation of in-sewer transformation of selected illicit drugs and pharmaceutical biomarkers. Science of the Total Environment, 2017, 609, 1172-1181.	3.9	60
85	Historical human exposure to perfluoroalkyl acids in the United States and Australia reconstructed from biomonitoring data using population-based pharmacokinetic modelling. Environment International, 2017, 108, 92-102.	4.8	59
86	A National Wastewater Monitoring Program for a better understanding of public health: A case study using the Australian Census. Environment International, 2019, 122, 400-411.	4.8	59
87	LC-HRMS suspect screening to show spatial patterns of New Psychoactive Substances use in Australia. Science of the Total Environment, 2019, 650, 2181-2187.	3.9	58
88	Passive sampling of herbicides combined with effect analysis in algae using a novel high-throughput phytotoxicity assay (Maxi-Imaging-PAM). Journal of Environmental Monitoring, 2006, 8, 456.	2.1	57
89	Polybrominated diphenyl ethers (PBDEs) in sediment by salinity and land-use type from Australia. Environment International, 2008, 34, 58-66.	4.8	57
90	Detection of the Omicron (B.1.1.529) variant of SARS-CoV-2 in aircraft wastewater. Science of the Total Environment, 2022, 820, 153171.	3.9	55

#	Article	IF	Citations
91	Polycyclic aromatic hydrocarbons, polychlorinated biphenyls and legacy and current pesticides in indoor environment in Australia â€“ occurrence, sources and exposure risks. Science of the Total Environment, 2019, 693, 133588.	3.9	54
92	Brominated flame retardants in the Australian population: 1993â€“2009. Chemosphere, 2012, 89, 398-403.	4.2	53
93	Additive Pressures of Elevated Sea Surface Temperatures and Herbicides on Symbiont-Bearing Foraminifera. PLoS ONE, 2012, 7, e33900.	1.1	52
94	Artificial neural network-based estimation of COVID-19 case numbers and effective reproduction rate using wastewater-based epidemiology. Water Research, 2022, 218, 118451.	5.3	52
95	Triclosan in individual human milk samples from Australia. Chemosphere, 2011, 85, 1682-1686.	4.2	51
96	Monitoring exposure to polycyclic aromatic hydrocarbons in an Australian population using pooled urine samples. Environment International, 2016, 88, 30-35.	4.8	51
97	Historical intake and elimination of polychlorinated biphenyls and organochlorine pesticides by the Australian population reconstructed from biomonitoring data. Environment International, 2015, 74, 82-88.	4.8	50
98	Stability of Illicit Drugs as Biomarkers in Sewers: From Lab to Reality. Environmental Science & Technology, 2018, 52, 1561-1570.	4.6	50
99	Refining the excretion factors of methadone and codeine for wastewater analysis â€” Combining data from pharmacokinetic and wastewater studies. Environment International, 2016, 94, 307-314.	4.8	49
100	Non-targeted, high resolution mass spectrometry strategy for simultaneous monitoring of xenobiotics and endogenous compounds in green sea turtles on the Great Barrier Reef. Science of the Total Environment, 2017, 599-600, 1251-1262.	3.9	49
101	Degradation of Herbicides in the Tropical Marine Environment: Influence of Light and Sediment. PLoS ONE, 2016, 11, e0165890.	1.1	49
102	The influence of a season of extreme wet weather events on exposure of the World Heritage Area Great Barrier Reef to pesticides. Marine Pollution Bulletin, 2012, 64, 1495-1507.	2.3	48
103	Passive sampling of perfluorinated chemicals in water: Flow rate effects on chemical uptake. Environmental Pollution, 2013, 177, 58-63.	3.7	48
104	Monitoring Herbicide Concentrations and Loads during a Flood Event: A Comparison of Grab Sampling with Passive Sampling. Environmental Science & Technology, 2017, 51, 3880-3891.	4.6	48
105	Determination of Halogenated Natural Products in Passive Samplers Deployed along the Great Barrier Reef, Queensland/Australia. Environmental Science & Technology, 2009, 43, 6131-6137.	4.6	46
106	Predicting water toxicity: Pairing passive sampling with bioassays on the Great Barrier Reef. Aquatic Toxicology, 2009, 95, 108-116.	1.9	46
107	Using wastewater-based epidemiology to estimate consumption of alcohol and nicotine in major cities of China in 2014 and 2016. Environment International, 2020, 136, 105492.	4.8	46
108	Lethal and sub-lethal chronic effects of the herbicide diuron on seagrass. Aquatic Toxicology, 2015, 165, 73-83.	1.9	45

#	Article	IF	Citations
109	Herbicide Persistence in Seawater Simulation Experiments. PLoS ONE, 2015, 10, e0136391.	1.1	44
110	Current and future perspectives for wastewater-based epidemiology as a monitoring tool for pharmaceutical use. Science of the Total Environment, 2021, 789, 148047.	3.9	44
111	Determination of deployment specific chemical uptake rates for SDB-RPD Empore disk using a passive flow monitor (PFM). Chemosphere, 2011, 83, 1290-1295.	4.2	43
112	Systematic evaluation of biomarker stability in pilot scale sewer pipes. Water Research, 2019, 151, 447-455.	5.3	43
113	Urinary Concentrations of Bisphenols in the Australian Population and Their Association with the Per Capita Mass Loads in Wastewater. Environmental Science & Technology, 2020, 54, 10141-10148.	4.6	43
114	Wastewater surveillance demonstrates high predictive value for COVID-19 infection on board repatriation flights to Australia. Environment International, 2022, 158, 106938.	4.8	43
115	Degradability of creatinine under sewer conditions affects its potential to be used as biomarker in sewage epidemiology. Water Research, 2014, 55, 272-279.	5.3	42
116	Using silicone passive samplers to detect polycyclic aromatic hydrocarbons from wildfires in streams and potential acute effects for invertebrate communities. Water Research, 2010, 44, 4590-4600.	5.3	41
117	Distribution of PBDEs, HBCDs and PCBs in the Brisbane River estuary sediment. Marine Pollution Bulletin, 2017, 120, 165-173.	2.3	41
118	Assessment of drugs of abuse in a wastewater treatment plant with parallel secondary wastewater treatment train. Science of the Total Environment, 2019, 658, 947-957.	3.9	41
119	Calibration and validation of a novel passive sampling device for the time integrative monitoring of per- and polyfluoroalkyl substances (PFASs) and precursors in contaminated groundwater. Journal of Hazardous Materials, 2019, 366, 423-431.	6.5	41
120	Spatio-temporal assessment of perfluorinated compounds in the Brisbane River system, Australia: Impact of a major flood event. Marine Pollution Bulletin, 2014, 85, 597-605.	2.3	40
121	Concentrations of organophosphate flame retardants in dust from cars, homes, and offices: An international comparison. Emerging Contaminants, 2016, 2, 66-72.	2.2	39
122	Temporal trends of per- and polyfluoroalkyl substances (PFAS) in the influent of two of the largest wastewater treatment plants in Australia. Emerging Contaminants, 2019, 5, 211-218.	2.2	39
123	Trends in nicotine consumption between 2010 and 2017 in an Australian city using the wastewater-based epidemiology approach. Environment International, 2019, 125, 184-190.	4.8	39
124	Per- and poly-fluoroalkyl substances (PFASs) in follicular fluid from women experiencing infertility in Australia. Environmental Research, 2020, 190, 109963.	3.7	39
125	Population histamine burden assessed using wastewater-based epidemiology: The association of 1,4â€˜methylimidazole acetic acid and fexofenadine. Environment International, 2018, 120, 172-180.	4.8	38
126	Combining passive sampling and toxicity testing for evaluation of mixtures of polar organic chemicals in sewage treatment plant effluent. Journal of Environmental Monitoring, 2007, 9, 105-110.	2.1	37

#	Article	IF	Citations
127	Urinary bisphenol A concentrations in pregnant women. International Journal of Hygiene and Environmental Health, 2013, 216, 641-644.	2.1	37
128	Dealing with Flow Effects on the Uptake of Polar Compounds by Passive Samplers. Environmental Science & Technology, 2017, 51, 2536-2537.	4.6	37
129	Towards an efficient method for the extraction and analysis of cannabinoids in wastewater. Talanta, 2020, 217, 121034.	2.9	37
130	Phthalate esters in face masks and associated inhalation exposure risk. Journal of Hazardous Materials, 2022, 423, 127001.	6.5	37
131	Contribution of transformation products towards the total herbicide toxicity to tropical marine organisms. Scientific Reports, 2018, 8, 4808.	1.6	36
132	Enantiomeric profiling of amphetamine and methamphetamine in wastewater: A 7-year study in regional and urban Queensland, Australia. Science of the Total Environment, 2018, 643, 827-834.	3.9	36
133	Per capita loads of organic UV filters in Australian wastewater influent. Science of the Total Environment, 2019, 662, 134-140.	3.9	36
134	Liquid chromatography-quadrupole time-of-flight mass spectrometry for screening in vitro drug metabolites in humans: investigation on seven phenethylamine-based designer drugs. Journal of Pharmaceutical and Biomedical Analysis, 2015, 114, 355-375.	1.4	35
135	Emissions of Selected Semivolatile Organic Chemicals from Forest and Savannah Fires. Environmental Science & Technology, 2017, 51, 1293-1302.	4.6	35
136	Evaluating the stability of three oxidative stress biomarkers under sewer conditions and potential impact for use in wastewater-based epidemiology. Water Research, 2019, 166, 115068.	5.3	35
137	Passive sampling of perfluorinated chemicals in water: In-situ calibration. Environmental Pollution, 2014, 186, 98-103.	3.7	34
138	Monitoring temporal changes in use of two cathinones in a large urban catchment in Queensland, Australia. Science of the Total Environment, 2016, 545-546, 250-255.	3.9	34
139	New approach for the measurement of long-term alcohol consumption trends: Application of wastewater-based epidemiology in an Australian regional city. Drug and Alcohol Dependence, 2020, 207, 107795.	1.6	34
140	Quantification of herbicide removal in a constructed wetland using passive samplers and composite water quality monitoring. Chemosphere, 2010, 81, 394-399.	4.2	33
141	Can wastewater-based epidemiology be used to evaluate the health impact of temperature? â€“ An exploratory study in an Australian population. Environmental Research, 2017, 156, 113-119.	3.7	33
142	Concentrations of organochlorine pesticides in pooled human serum by age and gender. Environmental Research, 2017, 154, 10-18.	3.7	33
143	Serum measures of hexabromocyclododecane (HBCDD) and polybrominated diphenyl ethers (PBDEs) in reproductive-aged women in the United Kingdom. Environmental Research, 2019, 177, 108631.	3.7	33
144	Temporal profile of illicit drug consumption in Guangzhou, China monitored by wastewater-based epidemiology. Environmental Science and Pollution Research, 2019, 26, 23593-23602.	2.7	33

#	Article	IF	Citations
145	Determining changes in new psychoactive substance use in Australia by wastewater analysis. Science of the Total Environment, 2020, 731, 139209.	3.9	33
146	Symbiont-specific responses in foraminifera to the herbicide diuron. Marine Pollution Bulletin, 2012, 65, 373-383.	2.3	32
147	Evaluating the in-sewer stability of three potential population biomarkers for application in wastewater-based epidemiology. Science of the Total Environment, 2019, 671, 248-253.	3.9	32
148	Wastewater treatment efficacy evaluated with inÂvitro bioassays. Water Research X, 2020, 9, 100072.	2.8	31
149	Spatial variation of short- and medium-chain chlorinated paraffins in ambient air across Australia. Environmental Pollution, 2020, 261, 114141.	3.7	31
150	Changes in atmospheric concentrations of polycyclic aromatic hydrocarbons and polychlorinated biphenyls between the 1990s and 2010s in an Australian city and the role of bushfires as a source. Environmental Pollution, 2016, 213, 223-231.	3.7	30
151	Glyphosate and AMPA passive sampling in freshwater using a microporous polyethylene diffusion sampler. Chemosphere, 2017, 188, 241-248.	4.2	30
152	Evaluating age and temporal trends of chlorinated paraffins in pooled serum collected from males in Australia between 2004 and 2015. Chemosphere, 2020, 244, 125574.	4.2	30
153	The presence of selected UV filters in a freshwater recreational reservoir and fate in controlled experiments. Science of the Total Environment, 2021, 754, 142373.	3.9	30
154	Size and ageâ€“concentration relationships for perfluoroalkyl substances in stingray livers from eastern Australia. Science of the Total Environment, 2014, 496, 523-530.	3.9	29
155	Epigenetic regulation of neurodevelopmental genes in response to in utero exposure to phthalate plastic chemicals: How can we delineate causal effects?. NeuroToxicology, 2016, 55, 92-101.	1.4	29
156	Analysis of urinary metabolites of polycyclic aromatic hydrocarbons and cotinine in pooled urine samples to determine the exposure to PAHs in an Australian population.. Environmental Research, 2020, 182, 109048.	3.7	29
157	Trends in artificial sweetener consumption: A 7-year wastewater-based epidemiology study in Queensland, Australia. Science of the Total Environment, 2021, 754, 142438.	3.9	29
158	Concentrations of phthalate metabolites in Australian urine samples and their contribution to the per capita loads in wastewater. Environment International, 2020, 137, 105534.	4.8	29
159	Gas Chromatography/Electron Ionization-Mass Spectrometry-Selected Ion Monitoring Screening Method for a Thorough Investigation of Polyhalogenated Compounds in Passive Sampler Extracts with Quadrupole Systems. Analytical Chemistry, 2010, 82, 9835-9842.	3.2	28
160	Machine learning combined with non-targeted LC-HRMS analysis for a risk warning system of chemical hazards in drinking water: A proof of concept. Talanta, 2019, 195, 426-432.	2.9	28
161	Photosystem II herbicide pollution in Hong Kong and its potential photosynthetic effects on corals. Marine Pollution Bulletin, 2008, 57, 473-478.	2.3	27
162	Determination of deployment specific chemical uptake rates for SPMD and PDMS using a passive flow monitor. Marine Pollution Bulletin, 2012, 64, 1005-1011.	2.3	27

#	Article	IF	Citations
163	Polybrominated diphenyl ethers (PBDEs) in dust from primary schools in South East Queensland, Australia. Environmental Research, 2015, 142, 135-140.	3.7	27
164	Challenges and opportunities in using wastewater analysis to measure drug use in a small prison facility. Drug and Alcohol Review, 2016, 35, 138-147.	1.1	27
165	Rapid screening and identification of chemical hazards in surface and drinking water using high resolution mass spectrometry and a case-control filter. Chemosphere, 2017, 182, 656-664.	4.2	27
166	Removal of Pharmaceuticals and Illicit Drugs from Wastewater Due to Ferric Dosing in Sewers. Environmental Science & Technology, 2019, 53, 6245-6254.	4.6	27
167	Emissions of particulate matters, volatile organic compounds and polycyclic aromatic hydrocarbons from warm and hot asphalt mixes. Journal of Cleaner Production, 2020, 275, 123094.	4.6	27
168	Pharmaceuticals, personal care products, food additive and pesticides in surface waters from three Australian east coast estuaries (Sydney, Yarra and Brisbane). Marine Pollution Bulletin, 2020, 153, 111014.	2.3	27
169	Development and validation of a multi-residue method for the analysis of brominated and organophosphate flame retardants in indoor dust. Talanta, 2017, 164, 503-510.	2.9	26
170	Chlorinated paraffins in indoor dust from Australia: Levels, congener patterns and preliminary assessment of human exposure. Science of the Total Environment, 2019, 682, 318-323.	3.9	26
171	Predictors with regard to ingestion, inhalation and dermal absorption of estimated phthalate daily intakes in pregnant women: The Barwon infant study. Environment International, 2020, 139, 105700.	4.8	26
172	Wastewater-based estimation of the prevalence of gout in Australia. Science of the Total Environment, 2020, 715, 136925.	3.9	26
173	Effects of pH, Temperature, Suspended Solids, and Biological Activity on Transformation of Illicit Drug and Pharmaceutical Biomarkers in Sewers. Environmental Science & Technology, 2021, 55, 8771-8782.	4.6	26
174	Monitoring of SARS-CoV-2 in sewersheds with low COVID-19 cases using a passive sampling technique. Water Research, 2022, 218, 118481.	5.3	26
175	Event monitoring of herbicides with naked and membrane-covered Empore disk integrative passive sampling devices. Marine Pollution Bulletin, 2009, 58, 1116-1122.	2.3	25
176	Experimental Investigation and Modeling of the Transformation of Illicit Drugs in a Pilot-Scale Sewer System. Environmental Science & Technology, 2019, 53, 4556-4565.	4.6	25
177	Calibration and validation of a microporous polyethylene passive sampler for quantitative estimation of illicit drug and pharmaceutical and personal care product (PPCP) concentrations in wastewater influent. Science of the Total Environment, 2020, 704, 135891.	3.9	25
178	National wastewater reconnaissance of artificial sweetener consumption and emission in Australia. Environment International, 2020, 143, 105963.	4.8	25
179	Annual release of selected UV filters via effluent from wastewater treatment plants in Australia. Chemosphere, 2020, 247, 125887.	4.2	25
180	Biomonitoring in firefighters for volatile organic compounds, semivolatile organic compounds, persistent organic pollutants, and metals: A systematic review. Environmental Research, 2020, 188, 109562.	3.7	25

#	Article	IF	Citations
181	Population variation in biomonitoring data for persistent organic pollutants (POPs): An examination of multiple population-based datasets for application to Australian pooled biomonitoring data. Environment International, 2014, 68, 127-138.	4.8	24
182	Pesticide metabolite concentrations in Queensland pre-schoolers â€“ Exposure trends related to age and sex using urinary biomarkers. Environmental Research, 2019, 176, 108532.	3.7	24
183	Comparing the Leaching Behavior of Per- and Polyfluoroalkyl Substances from Contaminated Soils Using Static and Column Leaching Tests. Environmental Science & Technology, 2022, 56, 368-378.	4.6	24
184	A novel method for the in situ calibration of flow effects on a phosphate passive sampler. Journal of Environmental Monitoring, 2009, 11, 212-219.	2.1	23
185	The potential effect of differential ambient and deployment chamber temperatures on PRC derived sampling rates with polyurethane foam (PUF) passive air samplers. Environmental Pollution, 2010, 158, 142-147.	3.7	23
186	Simultaneous Determination of Nine UV Filters and Four Preservatives in Suncare Products by High-Performance Liquid Chromatography. Journal of Chromatographic Science, 2011, 49, 554-559.	0.7	23
187	Spatial distribution of selected persistent organic pollutants (POPs) in Australia's atmosphere. Environmental Sciences: Processes and Impacts, 2015, 17, 525-532.	1.7	23
188	Analysis of sugarcane herbicides in marine turtle nesting areas and assessment of risk using inÂvitro toxicity assays. Chemosphere, 2017, 185, 656-664.	4.2	23
189	The occurrence of PAHs and flame-retardants in air and dust from Australian fire stations. Journal of Occupational and Environmental Hygiene, 2020, 17, 73-84.	0.4	23
190	Population Socioeconomics Predicted Using Wastewater. Environmental Science and Technology Letters, 2020, 7, 567-572.	3.9	23
191	Assessing decontamination and laundering processes for the removal of polycyclic aromatic hydrocarbons and flame retardants from firefighting uniforms. Environmental Research, 2021, 194, 110616.	3.7	23
192	Persistent organic pollutants in matched breast milk and infant faeces samples. Chemosphere, 2015, 118, 309-314.	4.2	22
193	Do conventional cooking methods alter concentrations of per- and polyfluoroalkyl substances (PFASs) in seafood?. Food and Chemical Toxicology, 2019, 127, 280-287.	1.8	22
194	Transformation of Illicit Drugs and Pharmaceuticals in Sewer Sediments. Environmental Science & Technology, 2020, 54, 13056-13065.	4.6	22
195	Assessing the removal of organic micropollutants from wastewater by discharging drinking water sludge to sewers. Water Research, 2020, 181, 115945.	5.3	22
196	An investigation into the long-term binding and uptake of PFOS, PFOA and PFHxS in soil â€“ plant systems. Journal of Hazardous Materials, 2021, 404, 124065.	6.5	22
197	Impact of COVID-19 Controls on the Use of Illicit Drugs and Alcohol in Australia. Environmental Science and Technology Letters, 2021, 8, 799-804.	3.9	22
198	Using SPMDs to monitor water column concentrations of PCDDs, PCDFs and dioxin-like PCBs in Port Jackson (Sydney Harbour), Australia. Chemosphere, 2009, 75, 1243-1251.	4.2	21

#	Article	IF	Citations
199	Assessing infant exposure to persistent organic pollutants via dietary intake in Australia. Food and Chemical Toxicology, 2016, 87, 166-171.	1.8	21
200	Emission Factors for Selected Semivolatile Organic Chemicals from Burning of Tropical Biomass Fuels and Estimation of Annual Australian Emissions. Environmental Science & Technology, 2017, 51, 9644-9652.	4.6	21
201	The first environmental assessment of hexa(methoxymethyl)melamine and co-occurring cyclic amines in Australian waterways. Science of the Total Environment, 2020, 743, 140834.	3.9	21
202	Organophosphate esters and their specific metabolites in chicken eggs from across Australia: Occurrence, profile, and distribution between yolk and albumin fractions. Environmental Pollution, 2020, 262, 114260.	3.7	21
203	Method for the in Situ Calibration of a Passive Phosphate Sampler in Estuarine and Marine Waters. Environmental Science & Technology, 2011, 45, 2871-2877.	4.6	20
204	Discovery and widespread occurrence of polyhalogenated 1,1'-dimethyl-2,2'-bipyrroles (PDBPs) in marine biota. Environmental Pollution, 2013, 178, 329-335.	3.7	20
205	An exploratory wastewater analysis study of drug use in Auckland, New Zealand. Drug and Alcohol Review, 2017, 36, 597-601.	1.1	20
206	Association between purity of drug seizures and illicit drug loads measured in wastewater in a South East Queensland catchment over a six year period. Science of the Total Environment, 2018, 635, 779-783.	3.9	20
207	First detection of short-chain chlorinated paraffins (SCCPs) in humpback whales (Megaptera) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	3.7	20
208	Evaluation and in situ assessment of photodegradation of polyaromatic hydrocarbons in semipermeable membrane devices deployed in ocean water. Environmental Pollution, 2009, 157, 731-736.	3.7	19
209	Monitoring substance use in prisons: Assessing the potential value of wastewater analysis. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 338-345.	1.3	19
210	Human biomonitoring in Australian children: Brominated flame retardants decrease from 2006 to 2015. Environment International, 2019, 122, 363-368.	4.8	19
211	Analyzing Wastewater Samples Collected during Census To Determine the Correction Factors of Drugs for Wastewater-Based Epidemiology: The Case of Codeine and Methadone. Environmental Science and Technology Letters, 2019, 6, 265-269.	3.9	19
212	Characterising the exposure of Australian firefighters to polycyclic aromatic hydrocarbons generated in simulated compartment fires. International Journal of Hygiene and Environmental Health, 2021, 231, 113637.	2.1	19
213	Formation and partitioning behaviour of perfluoroalkyl acids (PFAAs) in waste activated sludge during anaerobic digestion. Water Research, 2021, 189, 116583.	5.3	19
214	Occurrence of per- and polyfluoroalkyl substances (PFASs) in wastewater of major cities across China in 2014 and 2016. Chemosphere, 2021, 279, 130590.	4.2	19
215	Insights into PBDE Uptake, Body Burden, and Elimination Gained from Australian Ageâ€“Concentration Trends Observed Shortly after Peak Exposure. Environmental Health Perspectives, 2015, 123, 978-984.	2.8	18
216	Trends in methamphetamine residues in wastewater in metropolitan and regional cities in southâ€east Queensland, 2009â€“2015. Medical Journal of Australia, 2016, 204, 151-152.	0.8	18

#	Article	IF	Citations
217	Evaluation of Monitoring Schemes for Wastewater-Based Epidemiology to Identify Drug Use Trends Using Cocaine, Methamphetamine, MDMA and Methadone. Environmental Science & Technology, 2016, 50, 4760-4768.	4.6	18
218	Demographic and temporal trends of hexabromocyclododecanes (HBCDD) in an Australian population. Environmental Research, 2017, 152, 192-198.	3.7	18
219	Temporal trends in serum polybrominated diphenyl ether concentrations in the Australian population, 2002â€“2013. Environment International, 2018, 121, 357-364.	4.8	18
220	Long-term trends in tobacco use assessed by wastewater-based epidemiology and its relationship with consumption of nicotine containing products. Environment International, 2020, 145, 106088.	4.8	18
221	Serum elimination half-lives adjusted for ongoing exposure of tri-to hexabrominated diphenyl ethers: Determined in persons moving from North America to Australia. Chemosphere, 2020, 248, 125905.	4.2	18
222	Estimating Alcohol Consumption by Wastewater-Based Epidemiology: An Assessment of the Correction Factor for Ethyl Sulfate Using Large-Scale National Monitoring Data. Environmental Science and Technology Letters, 2021, 8, 333-338.	3.9	18
223	Effect based monitoring of seasonal ambient air exposures in Australia sampled by PUF passive air samplers. Atmospheric Pollution Research, 2010, 1, 50-58.	1.8	17
224	Biomonitoring of polycyclic aromatic hydrocarbons exposure in small groups of residents in Brisbane, Australia and Hanoi, Vietnam, and those travelling between the two cities. Chemosphere, 2015, 139, 358-364.	4.2	17
225	Bioaccumulation of PCBs in liver tissue of dusky Carcharhinus obscurus, sandbar C. plumbeus and white Carcharodon carcharias sharks from south-eastern Australian waters. Marine Pollution Bulletin, 2015, 101, 908-913.	2.3	17
226	BDE-209 in the Australian Environment: Desktop review. Journal of Hazardous Materials, 2016, 320, 194-203.	6.5	17
227	Stressor dominance and sensitivityâ€dependent antagonism: Disentangling the freshwater effects of an insecticide among coâ€occurring agricultural stressors. Journal of Applied Ecology, 2019, 56, 2020-2033.	1.9	17
228	A pilot wastewaterâ€based epidemiology assessment of anabolic steroid use in Queensland, Australia. Drug Testing and Analysis, 2019, 11, 937-949.	1.6	17
229	Assessing indoor air exposures using passive sampling with bioanalytical methods for estrogenicity and aryl hydrocarbon receptor activity. Analytical and Bioanalytical Chemistry, 2009, 394, 1413-1421.	1.9	16
230	Identification of the natural product 2,3,4,5-tetrabromo-1-methylpyrrole in Pacific biota, passive samplers and seagrass from Queensland, Australia. Marine Pollution Bulletin, 2011, 62, 2463-2468.	2.3	16
231	Calibration parameters for the passive sampling of organic UV filters by silicone; diffusion coefficients and siliconeâ€“water partition coefficients. Chemosphere, 2019, 223, 731-737.	4.2	16
232	In vitro biotransformation and evaluation of potential transformation products of chlorinated paraffins by high resolution accurate mass spectrometry. Journal of Hazardous Materials, 2021, 405, 124245.	6.5	16
233	Sorbent assisted immobilisation of perfluoroalkyl acids in soils â€“ effect on leaching and bioavailability. Journal of Hazardous Materials, 2021, 412, 125171.	6.5	16
234	Atmospheric concentrations of ammonia and nitrogen dioxide at a tropical coral cay with high seabird density. Journal of Environmental Monitoring, 2010, 12, 460-465.	2.1	15

#	Article	IF	Citations
235	Assessing exposure to polybrominated diphenyl ethers (PBDEs) for workers in the vicinity of a large recycling facility. Ecotoxicology and Environmental Safety, 2013, 92, 222-228.	2.9	15
236	Understanding the uncertainty of estimating herbicide and nutrient mass loads in a flood event with guidance on estimator selection. Water Research, 2018, 132, 99-110.	5.3	15
237	Analyzing terephthalate metabolites in human urine as biomarkers of exposure: Importance of selection of metabolites and deconjugation enzyme. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1100-1101, 91-92.	1.2	15
238	Novel Multiplexed Amplicon-Based Sequencing to Quantify SARS-CoV-2 RNA from Wastewater. Environmental Science and Technology Letters, 2021, 8, 683-690.	3.9	15
239	Commentary on ‹scp›O‹/scp›rt ‹i›etâ€‰al‹/i›. (2014): What next to deliver on the promise of large scale sewageâ€based drug epidemiology?. Addiction, 2014, 109, 1353-1354.	1.7	14
240	Could wastewater analysis be a useful tool for China? â€" A review. Journal of Environmental Sciences, 2015, 27, 70-79.	3.2	14
241	Occurrence and concentrations of halogenated natural products derived from seven years of passive water sampling (2007â€"2013) at Normanby Island, Great Barrier Reef, Australia. Marine Pollution Bulletin, 2018, 137, 81-90.	2.3	14
242	Transformation of phthalates and their metabolites in wastewater under different sewer conditions. Water Research, 2021, 190, 116754.	5.3	14
243	A wastewaterâ€based assessment of the impact of a minimum unit price (MUP) on population alcohol consumption in the Northern Territory, Australia. Addiction, 2022, 117, 243-249.	1.7	14
244	‹i›In Situ‹/i› Calibration of Passive Samplers for Viruses in Wastewater. ACS ES&T Water, 2022, 2, 1881-1890.	2.3	14
245	Can wastewater analysis be used as a tool to assess the burden of pain treatment within a population?. Environmental Research, 2020, 188, 109769.	3.7	13
246	Wastewater-based prevalence trends of gout in an Australian community over a period of 8 years. Science of the Total Environment, 2021, 759, 143460.	3.9	13
247	Recovery of a freshwater wetland from chemical contamination after an oil spill. Journal of Environmental Monitoring, 2011, 13, 713.	2.1	12
248	Development and calibration of a passive sampler for N-nitrosodimethylamine (NDMA) in water. Chemosphere, 2011, 84, 497-503.	4.2	12
249	Dispersal patterns of polybrominated diphenyl ethers (PBDEs) in the vicinity of an automotive shredding and metal recycling facility. Atmospheric Pollution Research, 2012, 3, 317-324.	1.8	12
250	Spatial mapping of city-wide PBDE levels using an exponential decay model. Journal of Environmental Monitoring, 2012, 14, 643.	2.1	12
251	Polybrominated diphenyl ether flame retardant concentrations in faeces from young children in Queensland, Australia and associations with environmental and behavioural factors. Environmental Research, 2017, 158, 669-676.	3.7	12
252	Metabolomic profiles associated with exposure to per- and polyfluoroalkyl substances (PFASs) in aquatic environments. Environmental Sciences: Processes and Impacts, 2019, 21, 1980-1990.	1.7	12

#	Article	IF	Citations
253	Background release and potential point sources of per- and polyfluoroalkyl substances to municipal wastewater treatment plants across Australia. Chemosphere, 2022, 293, 133657.	4.2	12
254	Pesticide exposure in New Zealand school-aged children: Urinary concentrations of biomarkers and assessment of determinants. Environment International, 2022, 163, 107206.	4.8	12
255	Assessment of Mobilization Potential of Per- and Polyfluoroalkyl Substances for Soil Remediation. Environmental Science & Technology, 2022, 56, 10030-10041.	4.6	12
256	Does size matter? Quantification of plastics associated with size fractionated biosolids. Science of the Total Environment, 2022, 811, 152382.	3.9	11
257	Studying the effectiveness of activated carbon R95 respirators in reducing the inhalation of combustion by-products in Hanoi, Vietnam: a demonstration study. Environmental Health, 2012, 11, 72.	1.7	10
258	Release of native and mass labelled PCDD/PCDF from soil heated to simulate bushfires. Environmental Pollution, 2012, 166, 10-16.	3.7	10
259	Development of a questionnaire-based insecticide exposure assessment method and comparison with urinary insecticide biomarkers in young Australian children. Environmental Research, 2019, 178, 108613.	3.7	10
260	Quantification of selected analgesics and their metabolites in influent wastewater by liquid chromatography tandem mass spectrometry. Talanta, 2021, 234, 122627.	2.9	10
261	Organophosphate flame retardants in the environment: Source, occurrence, and human exposure. Comprehensive Analytical Chemistry, 2020, 88, 341-365.	0.7	10
262	Analytical uncertainties in a longitudinal study â€“ A case study assessing serum levels of per- and poly-fluoroalkyl substances (PFAS). International Journal of Hygiene and Environmental Health, 2021, 238, 113860.	2.1	10
263	Toxicity thresholds of nine herbicides to coral symbionts (Symbiodiniaceae). Scientific Reports, 2021, 11, 21636.	1.6	10
264	A nationwide wastewater-based assessment of metformin consumption across Australia. Environment International, 2022, 165, 107282.	4.8	10
265	The performance of passive flow monitors and phosphate accumulating passive samplers when exposed to pulses in external water flow rate and/or external phosphate concentrations. Environmental Pollution, 2011, 159, 1435-1441.	3.7	9
266	Release of PCDD/PCDF to air and land during open burning of sugarcane and forest litter over soil fortified with mass labelled PCDD/PCDF. Atmospheric Environment, 2012, 59, 125-130.	1.9	9
267	In-sewer stability of selected analgesics and their metabolites. Water Research, 2021, 204, 117647.	5.3	9
268	Detecting long temporal trends of photosystem II herbicides (PSII) in the Great Barrier Reef lagoon. Marine Pollution Bulletin, 2022, 177, 113490.	2.3	9
269	Time-Integrative Passive Sampling of Very Hydrophilic Chemicals in Wastewater Influent. Environmental Science and Technology Letters, 2020, 7, 848-853.	3.9	8
270	Off-Gassing of Semi-Volatile Organic Compounds from Fire-Fightersâ€™ Uniforms in Private Vehiclesâ€”A Pilot Study. International Journal of Environmental Research and Public Health, 2021, 18, 3030.	1.2	8

#	Article	IF	Citations
271	Quantifying nicotine and alcohol consumption in New Zealand using wastewaterâ€based epidemiology timed to coincide with census. Drug and Alcohol Review, 2021, 40, 1178-1185.	1.1	8
272	Artificial sweeteners in end-use biosolids in Australia. Water Research, 2021, 200, 117237.	5.3	8
273	Monthly variation in faeces:blood concentration ratio of persistent organic pollutants over the first year of life: a case study of one infant. Environmental Research, 2016, 147, 259-268.	3.7	7
274	Exposure to breast milk triclosan and parabens and eczema phenotypes at 12Âmonths: AÂnested case-control study. Journal of Allergy and Clinical Immunology, 2019, 144, 1136-1138.e6.	1.5	7
275	Monitoring the levels of brominated and organophosphate flame retardants in passenger cars: Utilisation of car air filters as active samplers. Journal of Environmental Sciences, 2020, 91, 142-150.	3.2	7
276	Formation and fate of perfluoroalkyl acids (PFAAs) in a laboratory-scale urban wastewater system. Water Research, 2022, 216, 118295.	5.3	7
277	Response to Comment on â€œEnhanced Elimination of Perfluorooctane Sulfonic Acid by Menstruating Women: Evidence from Population-based Pharmacokinetic Modelingâ€. Environmental Science & Technology, 2015, 49, 5838-5839.	4.6	6
278	Comparison of lipid-normalised concentrations of persistent organic pollutants (POPs) between serum and adipose tissue. International Journal of Hygiene and Environmental Health, 2021, 236, 113801.	2.1	6
279	Water Resource Development and High Value Coastal Wetlands on the Lower Burdekin Floodplain, Australia. Estuaries of the World, 2014, , 223-245.	0.1	6
280	Release of perfluoroalkyl substances from AFFF-impacted concrete in a firefighting training ground (FTG) under repeated rainfall simulations. Journal of Hazardous Materials Letters, 2022, 3, 100050.	2.0	6
281	Blood dioxin biomonitoring to assess local residentsâ€™ exposure from a large urban remediation project. Chemosphere, 2012, 88, 316-322.	4.2	5
282	Persistent organic pollutants in infants and toddlers: Relationship between concentrations in matched plasma and faecal samples. Environment International, 2017, 107, 82-88.	4.8	5
283	Cordâ€serum perâ€•and polyâ€fluoroalkyl substances and atopy and eczema at 12â€•months. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 812-815.	2.7	5
284	The legacy and drivers of groundwater nutrients and pesticides in an agriculturally impacted Quaternary aquifer system. Science of the Total Environment, 2021, 753, 142010.	3.9	5
285	Wastewater monitoring for SARS-CoV-2. Microbiology Australia, 2021, 42, 18.	0.1	5
286	Removal of 293 organic compounds in 15 WWTPs studied with non-targeted suspect screening. Environmental Science: Water Research and Technology, 2022, 8, 1423-1433.	1.2	5
287	In-situ calibration of a microporous polyethylene passive sampling device with polar organic micropollutants in the Chillan River, central Chile. Environmental Research, 2020, 188, 109738.	3.7	4
288	Migration histories and perfluoroalkyl acid (PFAA) loads in an estuarine fish: A novel union of analyses to understand variation in contaminant concentrations. Environmental Pollution, 2021, 276, 116686.	3.7	4

#	Article	IF	Citations
289	Postflood Monitoring in a Subtropical Estuary and Benchmarking with PFASs Allows Measurement of Chemical Persistence on the Scale of Months. Environmental Science & Technology, 2021, 55, 14607-14616.	4.6	4
290	Direct injection analysis of oxypurinol and metformin in wastewater by hydrophilic interaction liquid chromatography coupled to tandem mass spectrometry. Drug Testing and Analysis, 2022, 14, 1519-1524.	1.6	4
291	Human Exposure to Brominated Flame Retardants. Handbook of Environmental Chemistry, 2010, , 203-239.	0.2	3
292	Analysis of N,Nâ€dimethylamphetamine in wastewater â€“ a pyrolysis marker and synthesis impurity of methamphetamine. Drug Testing and Analysis, 2018, 10, 1590-1598.	1.6	3
293	Trial of a novel experimental design to test depuration of PFASs from the edible tissues of Giant Mud Crab following exposure under natural conditions in the wild. Science of the Total Environment, 2021, 758, 143650.	3.9	3
294	Mining Population Exposure and Community Health via Wastewater-Based Epidemiology. , 2020, , 99-114.		3
295	Biomonitoring of per- and polyfluoroalkyl substances (PFAS) exposure in firefighters: Study design and lessons learned from stakeholder and participant engagement. International Journal of Hygiene and Environmental Health, 2022, 242, 113966.	2.1	3
296	â€˜Ice Rushesâ€™, Data Shadows and Methylamphetamine Use in Rural Towns: Wastewater Analysis. Current Issues in Criminal Justice, 2018, 29, 195-208.	0.8	2
297	Response to Comment on â€œQuantitative Analysis of Selected Plastics in High-Commercial-Value Australian Seafood by Pyrolysis Gas Chromatography Mass Spectrometryâ€• Environmental Science & Technology, 2020, 54, 15556-15557.	4.6	2
298	Quality Assurance & Quality Control of Environmental Field Sampling. , 2014, , .		1
299	Multisite Calibration of a Microporous Polyethylene Tube Passive Sampler for Quantifying Drugs in Wastewater. Environmental Science & Technology, 2021, 55, 12922-12929.	4.6	1
300	Field Evaluation of a Suite of Biomarkers in an Australian Tropical Reef Species, Stripey Seaperch (Lutjanus carponotatus): Assessment of Produced Water from the Harriet A Platform. , 2011, , 261-294.		1
301	Comparing methamphetamine, MDMA, cocaine, codeine and methadone use between the Auckland region and four Australian states using wastewater-based epidemiology (WBE). New Zealand Medical Journal, 2018, 131, 12-20.	0.5	1
302	Spatial, temporal and socioeconomic patterns of illicit drug use in New Zealand assessed using wastewater-based epidemiology timed to coincide with the census. New Zealand Medical Journal, 2021, 134, 11-26.	0.5	0