

Jochen F Mueller

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

299
papers

10,918
citations

58
h-index

89
g-index

305
ext. papers

13,748
ext. citations

8.7
avg, IF

6.62
L-index

#	Paper	IF	Citations
299	Background release and potential point sources of per- and polyfluoroalkyl substances to municipal wastewater treatment plants across Australia.. <i>Chemosphere</i> , 2022 , 133657	8.4	0
298	Detection of the Omicron (B.1.1.529) variant of SARS-CoV-2 in aircraft wastewater.. <i>Science of the Total Environment</i> , 2022 , 820, 153171	10.2	6
297	Release of perfluoroalkyl substances from AFFF-impacted concrete in a firefighting training ground (FTG) under repeated rainfall simulations. <i>Journal of Hazardous Materials Letters</i> , 2022 , 3, 100050	3.3	0
296	A wastewater-based assessment of the impact of a minimum unit price (MUP) on population alcohol consumption in the Northern Territory, Australia. <i>Addiction</i> , 2022 , 117, 243-249	4.6	1
295	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. <i>Science of the Total Environment</i> , 2022 , 805, 149877	10.2	36
294	Phthalate esters in face masks and associated inhalation exposure risk. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127001	12.8	6
293	Detecting long temporal trends of photosystem II herbicides (PSII) in the Great Barrier Reef lagoon.. <i>Marine Pollution Bulletin</i> , 2022 , 177, 113490	6.7	0
292	Pesticide exposure in New Zealand school-aged children: Urinary concentrations of biomarkers and assessment of determinants.. <i>Environment International</i> , 2022 , 163, 107206	12.9	0
291	Biomonitoring of per- and polyfluoroalkyl substances (PFAS) exposure in firefighters: Study design and lessons learned from stakeholder and participant engagement.. <i>International Journal of Hygiene and Environmental Health</i> , 2022 , 242, 113966	6.9	0
290	Formation and fate of perfluoroalkyl acids (PFAAs) in a laboratory-scale urban wastewater system.. <i>Water Research</i> , 2022 , 216, 118295	12.5	1
289	Monitoring of SARS-CoV-2 in sewersheds with low COVID-19 cases using a passive sampling technique.. <i>Water Research</i> , 2022 , 218, 118481	12.5	2
288	Artificial neural network-based estimation of COVID-19 case numbers and effective reproduction rate using wastewater-based epidemiology.. <i>Water Research</i> , 2022 , 218, 118451	12.5	0
287	A nationwide wastewater-based assessment of metformin consumption across Australia. <i>Environment International</i> , 2022 , 107282	12.9	3
286	Toxicity thresholds of nine herbicides to coral symbionts (Symbiodiniaceae). <i>Scientific Reports</i> , 2021 , 11, 21636	4.9	3
285	Does size matter? Quantification of plastics associated with size fractionated biosolids.. <i>Science of the Total Environment</i> , 2021 , 811, 152382	10.2	2
284	Analytical uncertainties in a longitudinal study - A case study assessing serum levels of per- and poly-fluoroalkyl substances (PFAS). <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 238, 113860	6.9	1
283	Postflood Monitoring in a Subtropical Estuary and Benchmarking with PFASs Allows Measurement of Chemical Persistence on the Scale of Months. <i>Environmental Science & Technology</i> , 2021 , 55, 14607-14616	10.3	16

282	Wastewater surveillance demonstrates high predictive value for COVID-19 infection on board repatriation flights to Australia. <i>Environment International</i> , 2021 , 158, 106938	12.9	5
281	Off-Gassing of Semi-Volatile Organic Compounds from Fire-Fighters' Uniforms in Private Vehicles-A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	0
280	Quantifying nicotine and alcohol consumption in New Zealand using wastewater-based epidemiology timed to coincide with census. <i>Drug and Alcohol Review</i> , 2021 , 40, 1178-1185	3.2	1
279	Migration histories and perfluoroalkyl acid (PFAA) loads in an estuarine fish: A novel union of analyses to understand variation in contaminant concentrations. <i>Environmental Pollution</i> , 2021 , 276, 116686	9.3	0
278	Sorbent assisted immobilisation of perfluoroalkyl acids in soils - effect on leaching and bioavailability. <i>Journal of Hazardous Materials</i> , 2021 , 412, 125171	12.8	8
277	Effects of pH, Temperature, Suspended Solids, and Biological Activity on Transformation of Illicit Drug and Pharmaceutical Biomarkers in Sewers. <i>Environmental Science & Technology</i> , 2021 , 55, 8771-8782	10.2	3
276	Novel Multiplexed Amplicon-Based Sequencing to Quantify SARS-CoV-2 RNA from Wastewater. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 683-690	11	3
275	In vitro biotransformation and evaluation of potential transformation products of chlorinated paraffins by high resolution accurate mass spectrometry. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124245	12.8	4
274	An investigation into the long-term binding and uptake of PFOS, PFOA and PFHxS in soil - plant systems. <i>Journal of Hazardous Materials</i> , 2021 , 404, 124065	12.8	11
273	Trends in artificial sweetener consumption: A 7-year wastewater-based epidemiology study in Queensland, Australia. <i>Science of the Total Environment</i> , 2021 , 754, 142438	10.2	12
272	Characterising the exposure of Australian firefighters to polycyclic aromatic hydrocarbons generated in simulated compartment fires. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 231, 113637	6.9	5
271	Intraday variability of indicator and pathogenic viruses in 1-h and 24-h composite wastewater samples: Implications for wastewater-based epidemiology. <i>Environmental Research</i> , 2021 , 193, 110531	7.9	29
270	Wastewater-based prevalence trends of gout in an Australian community over a period of 8 years. <i>Science of the Total Environment</i> , 2021 , 759, 143460	10.2	5
269	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. <i>Science of the Total Environment</i> , 2021 , 758, 143650	10.2	1
268	SARS-CoV-2 RNA monitoring in wastewater as a potential early warning system for COVID-19 transmission in the community: A temporal case study. <i>Science of the Total Environment</i> , 2021 , 761, 144216	10.2	85
267	Assessing decontamination and laundering processes for the removal of polycyclic aromatic hydrocarbons and flame retardants from firefighting uniforms. <i>Environmental Research</i> , 2021 , 194, 110616	7.9	8
266	Transformation of phthalates and their metabolites in wastewater under different sewer conditions. <i>Water Research</i> , 2021 , 190, 116754	12.5	4
265	The presence of selected UV filters in a freshwater recreational reservoir and fate in controlled experiments. <i>Science of the Total Environment</i> , 2021 , 754, 142373	10.2	8

264	The legacy and drivers of groundwater nutrients and pesticides in an agriculturally impacted Quaternary aquifer system. <i>Science of the Total Environment</i> , 2021 , 753, 142010	10.2	3
263	Formation and partitioning behaviour of perfluoroalkyl acids (PFAAs) in waste activated sludge during anaerobic digestion. <i>Water Research</i> , 2021 , 189, 116583	12.5	8
262	Estimating Alcohol Consumption by Wastewater-Based Epidemiology: An Assessment of the Correction Factor for Ethyl Sulfate Using Large-Scale National Monitoring Data. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 333-338	11	8
261	Artificial sweeteners in end-use biosolids in Australia. <i>Water Research</i> , 2021 , 200, 117237	12.5	1
260	Comparison of lipid-normalised concentrations of persistent organic pollutants (POPs) between serum and adipose tissue. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 236, 113801	6.9	0
259	Plastics in biosolids from 1950 to 2016: A function of global plastic production and consumption. <i>Water Research</i> , 2021 , 201, 117367	12.5	15
258	Impact of COVID-19 Controls on the Use of Illicit Drugs and Alcohol in Australia. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 799-804	11	4
257	Occurrence of per- and polyfluoroalkyl substances (PFASs) in wastewater of major cities across China in 2014 and 2016. <i>Chemosphere</i> , 2021 , 279, 130590	8.4	1
256	Multisite Calibration of a Microporous Polyethylene Tube Passive Sampler for Quantifying Drugs in Wastewater. <i>Environmental Science & Technology</i> , 2021 , 55, 12922-12929	10.3	0
255	Current and future perspectives for wastewater-based epidemiology as a monitoring tool for pharmaceutical use. <i>Science of the Total Environment</i> , 2021 , 789, 148047	10.2	8
254	In-sewer stability of selected analgesics and their metabolites. <i>Water Research</i> , 2021 , 204, 117647	12.5	3
253	Quantification of selected analgesics and their metabolites in influent wastewater by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2021 , 234, 122627	6.2	3
252	Wastewater monitoring for SARS-CoV-2. <i>Microbiology Australia</i> , 2021 , 42, 18	0.8	1
251	Spatial, temporal and socioeconomic patterns of illicit drug use in New Zealand assessed using wastewater-based epidemiology timed to coincide with the census. <i>New Zealand Medical Journal</i> , 2021 , 134, 11-26	0.8	
250	Comparing the Leaching Behavior of Per- and Polyfluoroalkyl Substances from Contaminated Soils Using Static and Column Leaching Tests.. <i>Environmental Science & Technology</i> , 2021 ,	10.3	4
249	Wastewater treatment efficacy evaluated with bioassays. <i>Water Research X</i> , 2020 , 9, 100072	8.1	12
248	Long-term trends in tobacco use assessed by wastewater-based epidemiology and its relationship with consumption of nicotine containing products. <i>Environment International</i> , 2020 , 145, 106088	12.9	5
247	Predictors with regard to ingestion, inhalation and dermal absorption of estimated phthalate daily intakes in pregnant women: The Barwon infant study. <i>Environment International</i> , 2020 , 139, 105700	12.9	11

246	Assessing the removal of organic micropollutants from wastewater by discharging drinking water sludge to sewers. <i>Water Research</i> , 2020 , 181, 115945	12.5	3
245	In-situ calibration of a microporous polyethylene passive sampling device with polar organic micropollutants in the Chillan River, central Chile. <i>Environmental Research</i> , 2020 , 188, 109738	7.9	1
244	Determining changes in new psychoactive substance use in Australia by wastewater analysis. <i>Science of the Total Environment</i> , 2020 , 731, 139209	10.2	21
243	Comparison of virus concentration methods for the RT-qPCR-based recovery of murine hepatitis virus, a surrogate for SARS-CoV-2 from untreated wastewater. <i>Science of the Total Environment</i> , 2020 , 739, 139960	10.2	225
242	Can wastewater analysis be used as a tool to assess the burden of pain treatment within a population?. <i>Environmental Research</i> , 2020 , 188, 109769	7.9	7
241	Pharmaceuticals, personal care products, food additive and pesticides in surface waters from three Australian east coast estuaries (Sydney, Yarra and Brisbane). <i>Marine Pollution Bulletin</i> , 2020 , 153, 111014	6.7	17
240	Population Socioeconomics Predicted Using Wastewater. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 567-572	11	11
239	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	10.3	64
238	The first environmental assessment of hexa(methoxymethyl)melamine and co-occurring cyclic amines in Australian waterways. <i>Science of the Total Environment</i> , 2020 , 743, 140834	10.2	7
237	Spatial variation of short- and medium-chain chlorinated paraffins in ambient air across Australia. <i>Environmental Pollution</i> , 2020 , 261, 114141	9.3	14
236	Organophosphate esters and their specific metabolites in chicken eggs from across Australia: Occurrence, profile, and distribution between yolk and albumin fractions. <i>Environmental Pollution</i> , 2020 , 262, 114260	9.3	9
235	Wastewater-based estimation of the prevalence of gout in Australia. <i>Science of the Total Environment</i> , 2020 , 715, 136925	10.2	18
234	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	10.2	71
233	Using wastewater-based epidemiology to estimate consumption of alcohol and nicotine in major cities of China in 2014 and 2016. <i>Environment International</i> , 2020 , 136, 105492	12.9	24
232	Annual release of selected UV filters via effluent from wastewater treatment plants in Australia. <i>Chemosphere</i> , 2020 , 247, 125887	8.4	10
231	Monitoring the levels of brominated and organophosphate flame retardants in passenger cars: Utilisation of car air filters as active samplers. <i>Journal of Environmental Sciences</i> , 2020 , 91, 142-150	6.4	5
230	Serum elimination half-lives adjusted for ongoing exposure of tri- to hexabrominated diphenyl ethers: Determined in persons moving from North America to Australia. <i>Chemosphere</i> , 2020 , 248, 125905	8.4	5
229	Towards an efficient method for the extraction and analysis of cannabinoids in wastewater. <i>Talanta</i> , 2020 , 217, 121034	6.2	14

228	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	10.3	1
227	Mining Population Exposure and Community Health via Wastewater-Based Epidemiology 2020 , 99-114		3
226	Organophosphate flame retardants in the environment: Source, occurrence, and human exposure. <i>Comprehensive Analytical Chemistry</i> , 2020 , 88, 341-365	1.9	6
225	Concentrations of phthalate metabolites in Australian urine samples and their contribution to the per capita loads in wastewater. <i>Environment International</i> , 2020 , 137, 105534	12.9	10
224	Biomonitoring in firefighters for volatile organic compounds, semivolatile organic compounds, persistent organic pollutants, and metals: A systematic review. <i>Environmental Research</i> , 2020 , 188, 109562	7.9	8
223	The occurrence of PAHs and flame-retardants in air and dust from Australian fire stations. <i>Journal of Occupational and Environmental Hygiene</i> , 2020 , 17, 73-84	2.9	7
222	New approach for the measurement of long-term alcohol consumption trends: Application of wastewater-based epidemiology in an Australian regional city. <i>Drug and Alcohol Dependence</i> , 2020 , 207, 107795	4.9	22
221	Evaluating age and temporal trends of chlorinated paraffins in pooled serum collected from males in Australia between 2004 and 2015. <i>Chemosphere</i> , 2020 , 244, 125574	8.4	18
220	Analysis of urinary metabolites of polycyclic aromatic hydrocarbons and cotinine in pooled urine samples to determine the exposure to PAHs in an Australian population. <i>Environmental Research</i> , 2020 , 182, 109048	7.9	11
219	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. <i>Science of the Total Environment</i> , 2020 , 704, 135891	10.2	16
218	Surveillance of SARS-CoV-2 RNA in wastewater: Methods optimisation and quality control are crucial for generating reliable public health information. <i>Current Opinion in Environmental Science and Health</i> , 2020 , 17, 82-82	8.1	66
217	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	14.6	25
216	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. <i>Journal of Travel Medicine</i> , 2020 , 27,	12.9	81
215	Emissions of particulate matters, volatile organic compounds and polycyclic aromatic hydrocarbons from warm and hot asphalt mixes. <i>Journal of Cleaner Production</i> , 2020 , 275, 123094	10.3	10
214	Influences of Chemical Properties, Soil Properties, and Solution pH on Soil-Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Science & Technology</i> , 2020 , 54, 15883-15892	10.3	56
213	Release of Plastics to Australian Land from Biosolids End-Use. <i>Environmental Science & Technology</i> , 2020 , 54, 15132-15141	10.3	27
212	Per- and poly-fluoroalkyl substances (PFASs) in follicular fluid from women experiencing infertility in Australia. <i>Environmental Research</i> , 2020 , 190, 109963	7.9	17
211	National wastewater reconnaissance of artificial sweetener consumption and emission in Australia. <i>Environment International</i> , 2020 , 143, 105963	12.9	6

210	Urinary Concentrations of Bisphenols in the Australian Population and Their Association with the Per Capita Mass Loads in Wastewater. <i>Environmental Science & Technology</i> , 2020 , 54, 10141-10148	10.3	13
209	Time-Integrative Passive Sampling of Very Hydrophilic Chemicals in Wastewater Influent. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 848-853	11	5
208	Transformation of Illicit Drugs and Pharmaceuticals in Sewer Sediments. <i>Environmental Science & Technology</i> , 2020 , 54, 13056-13065	10.3	7
207	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. <i>Science of the Total Environment</i> , 2020 , 728, 138764	10.2	829
206	Serum measures of hexabromocyclododecane (HBCDD) and polybrominated diphenyl ethers (PBDEs) in reproductive-aged women in the United Kingdom. <i>Environmental Research</i> , 2019 , 177, 108637	7.9	16
205	Development of a questionnaire-based insecticide exposure assessment method and comparison with urinary insecticide biomarkers in young Australian children. <i>Environmental Research</i> , 2019 , 178, 108613	7.9	6
204	Exposure to breast milk triclosan and parabens and eczema phenotypes at 12 months: A nested case-control study. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1136-1138.e6	11.5	4
203	Evaluating the stability of three oxidative stress biomarkers under sewer conditions and potential impact for use in wastewater-based epidemiology. <i>Water Research</i> , 2019 , 166, 115068	12.5	13
202	Per capita loads of organic UV filters in Australian wastewater influent. <i>Science of the Total Environment</i> , 2019 , 662, 134-140	10.2	24
201	Stressor dominance and sensitivity-dependent antagonism: Disentangling the freshwater effects of an insecticide among co-occurring agricultural stressors. <i>Journal of Applied Ecology</i> , 2019 , 56, 2020-2033	5.8	8
200	Pesticide metabolite concentrations in Queensland pre-schoolers - Exposure trends related to age and sex using urinary biomarkers. <i>Environmental Research</i> , 2019 , 176, 108532	7.9	12
199	Temporal profile of illicit drug consumption in Guangzhou, China monitored by wastewater-based epidemiology. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 23593-23602	5.1	19
198	Chlorinated paraffins in indoor dust from Australia: Levels, congener patterns and preliminary assessment of human exposure. <i>Science of the Total Environment</i> , 2019 , 682, 318-323	10.2	13
197	Removal of Pharmaceuticals and Illicit Drugs from Wastewater Due to Ferric Dosing in Sewers. <i>Environmental Science & Technology</i> , 2019 , 53, 6245-6254	10.3	16
196	First detection of short-chain chlorinated paraffins (SCCPs) in humpback whales (<i>Megaptera novaeangliae</i>) foraging in Antarctic waters. <i>Environmental Pollution</i> , 2019 , 250, 953-959	9.3	14
195	A pilot wastewater-based epidemiology assessment of anabolic steroid use in Queensland, Australia. <i>Drug Testing and Analysis</i> , 2019 , 11, 937-949	3.5	7
194	Do conventional cooking methods alter concentrations of per- and polyfluoroalkyl substances (PFASs) in seafood?. <i>Food and Chemical Toxicology</i> , 2019 , 127, 280-287	4.7	11
193	Trends in nicotine consumption between 2010 and 2017 in an Australian city using the wastewater-based epidemiology approach. <i>Environment International</i> , 2019 , 125, 184-190	12.9	24

192	Experimental Investigation and Modeling of the Transformation of Illicit Drugs in a Pilot-Scale Sewer System. <i>Environmental Science & Technology</i> , 2019 , 53, 4556-4565	10.3	16
191	Evaluating the in-sewer stability of three potential population biomarkers for application in wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2019 , 671, 248-253	10.2	14
190	Leaching and bioavailability of selected perfluoroalkyl acids (PFAAs) from soil contaminated by firefighting activities. <i>Science of the Total Environment</i> , 2019 , 646, 471-479	10.2	50
189	Harnessing the Power of the Census: Characterizing Wastewater Treatment Plant Catchment Populations for Wastewater-Based Epidemiology. <i>Environmental Science & Technology</i> , 2019 , 53, 10303-10311	10.3	35
188	Polycyclic aromatic hydrocarbons, polychlorinated biphenyls and legacy and current pesticides in indoor environment in Australia - occurrence, sources and exposure risks. <i>Science of the Total Environment</i> , 2019 , 693, 133588	10.2	32
187	Temporal trends of per- and polyfluoroalkyl substances (PFAS) in the influent of two of the largest wastewater treatment plants in Australia. <i>Emerging Contaminants</i> , 2019 , 5, 211-218	5.8	23
186	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	11.5	47
185	Calibration parameters for the passive sampling of organic UV filters by silicone; diffusion coefficients and silicone-water partition coefficients. <i>Chemosphere</i> , 2019 , 223, 731-737	8.4	8
184	Metabolomic profiles associated with exposure to per- and polyfluoroalkyl substances (PFASs) in aquatic environments. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 1980-1990	4.3	3
183	Assessment of drugs of abuse in a wastewater treatment plant with parallel secondary wastewater treatment train. <i>Science of the Total Environment</i> , 2019 , 658, 947-957	10.2	22
182	A National Wastewater Monitoring Program for a better understanding of public health: A case study using the Australian Census. <i>Environment International</i> , 2019 , 122, 400-411	12.9	40
181	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. <i>Journal of Hazardous Materials</i> , 2019 , 366, 423-431	12.8	21
180	Human biomonitoring in Australian children: Brominated flame retardants decrease from 2006 to 2015. <i>Environment International</i> , 2019 , 122, 363-368	12.9	13
179	Cord-serum per- and poly-fluoroalkyl substances and atopy and eczema at 12-months. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 812-815	9.3	2
178	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	6.2	20
177	Analyzing Wastewater Samples Collected during Census To Determine the Correction Factors of Drugs for Wastewater-Based Epidemiology: The Case of Codeine and Methadone. <i>Environmental Science and Technology Letters</i> , 2019 , 6, 265-269	11	15
176	Systematic evaluation of biomarker stability in pilot scale sewer pipes. <i>Water Research</i> , 2019 , 151, 447-455.5		27
175	LC-HRMS suspect screening to show spatial patterns of New Psychoactive Substances use in Australia. <i>Science of the Total Environment</i> , 2019 , 650, 2181-2187	10.2	42

174	Concentrations of organophosphate flame retardants and plasticizers in urine from young children in Queensland, Australia and associations with environmental and behavioural factors. <i>Environmental Research</i> , 2018 , 164, 262-270	7.9	53
173	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	10.3	68
172	Organophosphate and brominated flame retardants in Australian indoor environments: Levels, sources, and preliminary assessment of human exposure. <i>Environmental Pollution</i> , 2018 , 235, 670-679	9.3	86
171	Measuring spatial and temporal trends of nicotine and alcohol consumption in Australia using wastewater-based epidemiology. <i>Addiction</i> , 2018 , 113, 1127-1136	4.6	40
170	Stability of Illicit Drugs as Biomarkers in Sewers: From Lab to Reality. <i>Environmental Science & Technology</i> , 2018 , 52, 1561-1570	10.3	29
169	Understanding the uncertainty of estimating herbicide and nutrient mass loads in a flood event with guidance on estimator selection. <i>Water Research</i> , 2018 , 132, 99-110	12.5	13
168	Association between purity of drug seizures and illicit drug loads measured in wastewater in a South East Queensland catchment over a six year period. <i>Science of the Total Environment</i> , 2018 , 635, 779-783	10.2	19
167	Stability of alcohol and tobacco consumption biomarkers in a real rising main sewer. <i>Water Research</i> , 2018 , 138, 19-26	12.5	40
166	Assessment of drugs and personal care products biomarkers in the influent and effluent of two wastewater treatment plants in Ho Chi Minh City, Vietnam. <i>Science of the Total Environment</i> , 2018 , 631-632, 469-475	10.2	48
165	Contribution of transformation products towards the total herbicide toxicity to tropical marine organisms. <i>Scientific Reports</i> , 2018 , 8, 4808	4.9	17
164	Potential impact of the sewer system on the applicability of alcohol and tobacco biomarkers in wastewater-based epidemiology. <i>Drug Testing and Analysis</i> , 2018 , 10, 530-538	3.5	41
163	Population histamine burden assessed using wastewater-based epidemiology: The association of 1,4-methylimidazole acetic acid and fexofenadine. <i>Environment International</i> , 2018 , 120, 172-180	12.9	26
162	Analysis of N,N-dimethylamphetamine in wastewater - a pyrolysis marker and synthesis impurity of methamphetamine. <i>Drug Testing and Analysis</i> , 2018 , 10, 1590-1598	3.5	1
161	Urinary metabolites of organophosphate esters: Concentrations and age trends in Australian children. <i>Environment International</i> , 2018 , 111, 124-130	12.9	72
160	Life Rushes Data Shadows and Methylamphetamine Use in Rural Towns: Wastewater Analysis. <i>Current Issues in Criminal Justice</i> , 2018 , 29, 195-208	1	
159	Analyzing terephthalate metabolites in human urine as biomarkers of exposure: Importance of selection of metabolites and deconjugation enzyme. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1100-1101, 91-92	3.2	10
158	Occurrence and concentrations of halogenated natural products derived from seven years of passive water sampling (2007-2013) at Normanby Island, Great Barrier Reef, Australia. <i>Marine Pollution Bulletin</i> , 2018 , 137, 81-90	6.7	7
157	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?. <i>Environmental Science & Technology</i> , 2018 , 52, 12765-12773	10.3	63

156	Temporal trends in serum polybrominated diphenyl ether concentrations in the Australian population, 2002-2013. <i>Environment International</i> , 2018 , 121, 357-364	12.9	11
155	Enantiomeric profiling of amphetamine and methamphetamine in wastewater: A 7-year study in regional and urban Queensland, Australia. <i>Science of the Total Environment</i> , 2018 , 643, 827-834	10.2	27
154	Wastewater-based epidemiology biomarkers: Past, present and future. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 105, 453-469	14.6	194
153	Comparing methamphetamine, MDMA, cocaine, codeine and methadone use between the Auckland region and four Australian states using wastewater-based epidemiology (WBE). <i>New Zealand Medical Journal</i> , 2018 , 131, 12-20	0.8	1
152	Medium-Chain Chlorinated Paraffins (CPs) Dominate in Australian Sewage Sludge. <i>Environmental Science & Technology</i> , 2017 , 51, 3364-3372	10.3	53
151	Dealing with Flow Effects on the Uptake of Polar Compounds by Passive Samplers. <i>Environmental Science & Technology</i> , 2017 , 51, 2536-2537	10.3	26
150	Impact of in-Sewer Degradation of Pharmaceutical and Personal Care Products (PPCPs) Population Markers on a Population Model. <i>Environmental Science & Technology</i> , 2017 , 51, 3816-3823	10.3	65
149	Emissions of Selected Semivolatile Organic Chemicals from Forest and Savannah Fires. <i>Environmental Science & Technology</i> , 2017 , 51, 1293-1302	10.3	23
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144	Fate and redistribution of perfluoroalkyl acids through AFFF-impacted groundwater. <i>Science of the Total Environment</i> , 2017 , 596-597, 360-368	10.2	71
143	Can wastewater-based epidemiology be used to evaluate the health impact of temperature? - An exploratory study in an Australian population. <i>Environmental Research</i> , 2017 , 156, 113-119	7.9	26
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141	Concentrations of organochlorine pesticides in pooled human serum by age and gender. <i>Environmental Research</i> , 2017 , 154, 10-18	7.9	22
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139	Persistent organic pollutants in infants and toddlers: Relationship between concentrations in matched plasma and faecal samples. <i>Environment International</i> , 2017 , 107, 82-88	12.9	3

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