

Kevin V Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

277
papers

21,423
citations

9428

76
h-index

14386

132
g-index

283
all docs

283
docs citations

283
times ranked

18339
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	14
2	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.	6.5	42
3	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.	3.9	153
4	Phthalate esters in face masks and associated inhalation exposure risk. <i>Journal of Hazardous Materials</i> , 2022, 423, 127001.	6.5	37
5	Wastewater surveillance demonstrates high predictive value for COVID-19 infection on board repatriation flights to Australia. <i>Environment International</i> , 2022, 158, 106938.	4.8	43
6	Does size matter? Quantification of plastics associated with size fractionated biosolids. <i>Science of the Total Environment</i> , 2022, 811, 152382.	3.9	11
7	In-Sewer Stability Assessment of Anabolic Steroids and Selective Androgen Receptor Modulators. <i>Environmental Science & Technology</i> , 2022, 56, 1627-1638.	4.6	10
8	Concentrations of Tire Additive Chemicals and Tire Road Wear Particles in an Australian Urban Tributary. <i>Environmental Science & Technology</i> , 2022, 56, 2421-2431.	4.6	90
9	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.	3.9	55
10	<i>In Situ</i> Calibration of Passive Samplers for Viruses in Wastewater. <i>ACS ES&T Water</i> , 2022, 2, 1881-1890.	2.3	14
11	Naive Bayes classification model for isotopologue detection in LC-HRMS data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 223, 104515.	1.8	9
12	One planet: one health. A call to support the initiative on a global science policy body on chemicals and waste. <i>Environmental Sciences Europe</i> , 2022, 34, 21.	2.6	39
13	Direct injection analysis of oxypurinol and metformin in wastewater by hydrophilic interaction liquid chromatography coupled to tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2022, 14, 1519-1524.	1.6	4
14	The message on the bottle: Rethinking plastic labelling to better encourage sustainable use. <i>Environmental Science and Policy</i> , 2022, 132, 109-118.	2.4	16
15	Occurrence of tire and road wear particles in urban and peri-urban snowbanks, and their potential environmental implications. <i>Science of the Total Environment</i> , 2022, 824, 153785.	3.9	41
16	Understanding the plastics cycle to minimize exposure. <i>Nature Sustainability</i> , 2022, 5, 282-284.	11.5	18
17	Monitoring of SARS-CoV-2 in sewersheds with low COVID-19 cases using a passive sampling technique. <i>Water Research</i> , 2022, 218, 118481.	5.3	26
18	A nationwide wastewater-based assessment of metformin consumption across Australia. <i>Environment International</i> , 2022, 165, 107282.	4.8	10

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19	Communicating Confidence of Per- and Polyfluoroalkyl Substance Identification via High-Resolution Mass Spectrometry. <i>Environmental Science and Technology Letters</i> , 2022, 9, 473-481.	3.9	61
20	Young population consume twice as much artificial sweetener than the general population – A wastewater-based assessment in China. <i>Science of the Total Environment</i> , 2022, 839, 156200.	3.9	5
21	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.	6.5	16
22	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.	3.9	29
23	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.	3.7	72
24	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.	3.9	13
25	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.	3.9	218
26	Challenges with Quantifying Tire Road Wear Particles: Recognizing the Need for Further Refinement of the ISO Technical Specification. <i>Environmental Science and Technology Letters</i> , 2021, 8, 231-236.	3.9	52
27	Plastic particles in soil: state of the knowledge on sources, occurrence and distribution, analytical methods and ecological impacts. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 240-274.	1.7	44
28	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.	3.9	18
29	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, 3030.	1.2	8
30	Systematic Evaluation of the In-Sample Stability of Selected Pharmaceuticals, Illicit Drugs, and Their Metabolites in Wastewater. <i>Environmental Science & Technology</i> , 2021, 55, 7418-7429.	4.6	29
31	Artificial sweeteners in end-use biosolids in Australia. <i>Water Research</i> , 2021, 200, 117237.	5.3	8
32	Plastics in biosolids from 1950 to 2016: A function of global plastic production and consumption. <i>Water Research</i> , 2021, 201, 117367.	5.3	77
33	Quantification of selected microplastics in Australian urban road dust. <i>Journal of Hazardous Materials</i> , 2021, 416, 125811.	6.5	40
34	Plastics contamination of store-bought rice. <i>Journal of Hazardous Materials</i> , 2021, 416, 125778.	6.5	70
35	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.	3.9	22
36	Phthalate diversity in eggs and associations with oxidative stress in the European herring gull (<i>Larus</i>)	2.3	5

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37	Multisite Calibration of a Microporous Polyethylene Tube Passive Sampler for Quantifying Drugs in Wastewater. <i>Environmental Science & Technology</i> , 2021, 55, 12922-12929.	4.6	1
38	Assessing patterns of illicit drug use in a Chinese city by analyzing daily wastewater samples over a one-year period. <i>Journal of Hazardous Materials</i> , 2021, 417, 125999.	6.5	17
39	Performance- and image-enhancing drug use in the community: use prevalence, user demographics and the potential role of wastewater-based epidemiology. <i>Journal of Hazardous Materials</i> , 2021, 419, 126340.	6.5	13
40	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.	3.9	44
41	In-sewer stability of selected analgesics and their metabolites. <i>Water Research</i> , 2021, 204, 117647.	5.3	9
42	Influence of surface oxidation on the quantification of polypropylene microplastics by pyrolysis gas chromatography mass spectrometry. <i>Science of the Total Environment</i> , 2021, 796, 148835.	3.9	25
43	Quantification of selected analgesics and their metabolites in influent wastewater by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2021, 234, 122627.	2.9	10
44	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.	2.0	14
45	Wastewater monitoring for SARS-CoV-2. <i>Microbiology Australia</i> , 2021, 42, 18.	0.1	5
46	Assessment of Environmental Pollution and Human Exposure to Pesticides by Wastewater Analysis in a Seven-Year Study in Athens, Greece. <i>Toxics</i> , 2021, 9, 260.	1.6	14
47	From Centroided to Profile Mode: Machine Learning for Prediction of Peak Width in HRMS Data. <i>Analytical Chemistry</i> , 2021, 93, 16562-16570.	3.2	9
48	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020, 115, 109-120.	1.7	154
49	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.	1.6	34
50	Considerations for assessing stability of wastewater-based epidemiology biomarkers using biofilm-free and sewer reactor tests. <i>Science of the Total Environment</i> , 2020, 709, 136228.	3.9	42
51	Surveillance of SARS-CoV-2 RNA in wastewater: Methods optimization and quality control are crucial for generating reliable public health information. <i>Current Opinion in Environmental Science and Health</i> , 2020, 17, 82-93.	2.1	126
52	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.	5.8	73
53	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, .	1.4	146
54	Release of Plastics to Australian Land from Biosolids End-Use. <i>Environmental Science & Technology</i> , 2020, 54, 15132-15141.	4.6	62

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55	Expanding exploration of dynamic microplastic surface characteristics and interactions. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 130, 115993.	5.8	38
56	National wastewater reconnaissance of artificial sweetener consumption and emission in Australia. <i>Environment International</i> , 2020, 143, 105963.	4.8	25
57	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.	4.6	43
58	Airborne emissions of microplastic fibres from domestic laundry dryers. <i>Science of the Total Environment</i> , 2020, 747, 141175.	3.9	99
59	Time-Integrative Passive Sampling of Very Hydrophilic Chemicals in Wastewater Influent. <i>Environmental Science and Technology Letters</i> , 2020, 7, 848-853.	3.9	8
60	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.	4.8	18
61	Road de-icing salt: Assessment of a potential new source and pathway of microplastics particles from roads. <i>Science of the Total Environment</i> , 2020, 738, 139352.	3.9	27
62	Do food and stress biomarkers work for wastewater-based epidemiology? A critical evaluation. <i>Science of the Total Environment</i> , 2020, 736, 139654.	3.9	24
63	Determining changes in new psychoactive substance use in Australia by wastewater analysis. <i>Science of the Total Environment</i> , 2020, 731, 139209.	3.9	33
64	Wastewater-Based Epidemiology: Global Collaborative to Maximize Contributions in the Fight Against COVID-19. <i>Environmental Science & Technology</i> , 2020, 54, 7754-7757.	4.6	337
65	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.	3.9	405
66	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.	3.7	13
67	Enantiomeric profiling of quinolones and quinolones resistance gene qnrS in European wastewaters. <i>Water Research</i> , 2020, 175, 115653.	5.3	36
68	A revised excretion factor for estimating ketamine consumption by wastewater-based epidemiology – Utilising wastewater and seizure data. <i>Environment International</i> , 2020, 138, 105645.	4.8	28
69	Population Socioeconomics Predicted Using Wastewater. <i>Environmental Science and Technology Letters</i> , 2020, 7, 567-572.	3.9	23
70	Determination of anabasine, anatabine, and nicotine biomarkers in wastewater by enhanced direct injection LC-MS/MS and evaluation of their in-sewer stability. <i>Science of the Total Environment</i> , 2020, 743, 140551.	3.9	17
71	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.	4.6	143
72	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.	3.9	21

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73	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.	4.6	23
74	Wastewater-based estimation of the prevalence of gout in Australia. <i>Science of the Total Environment</i> , 2020, 715, 136925.	3.9	26
75	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.	3.9	145
76	Towards an efficient method for the extraction and analysis of cannabinoids in wastewater. <i>Talanta</i> , 2020, 217, 121034.	2.9	37
77	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.	3.9	1,393
78	Assessment of human exposure to selected pesticides in Norway by wastewater analysis. <i>Science of the Total Environment</i> , 2020, 723, 138132.	3.9	32
79	Mining Population Exposure and Community Health via Wastewater-Based Epidemiology. , 2020, , 99-114.		3
80	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.	4.6	2
81	Biocides from Marine Coatings. , 2020, , 112-164.		2
82	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.	4.6	69
83	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.	3.2	24
84	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.	3.3	104
85	New psychoactive substances: challenges for drug surveillance, control, and public health responses. <i>Lancet, The</i> , 2019, 394, 1668-1684.	6.3	195
86	FTIR and Raman imaging for microplastics analysis: State of the art, challenges and prospects. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 119, 115629.	5.8	301
87	Wastewater treatment plants as a source of plastics in the environment: a review of occurrence, methods for identification, quantification and fate. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1908-1931.	1.2	112
88	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.	5.3	35
89	Per capita loads of organic UV filters in Australian wastewater influent. <i>Science of the Total Environment</i> , 2019, 662, 134-140.	3.9	36
90	Environmental risks associated with contaminants of legacy and emerging concern at European aquaculture areas. <i>Environmental Pollution</i> , 2019, 252, 1301-1310.	3.7	27

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91	A pilot wastewater-based epidemiology assessment of anabolic steroid use in Queensland, Australia. <i>Drug Testing and Analysis</i> , 2019, 11, 937-949.	1.6	17
92	Oxidative stress potential of the herbicides bifenox and metribuzin in the microalgae <i>Chlamydomonas reinhardtii</i> . <i>Aquatic Toxicology</i> , 2019, 210, 117-128.	1.9	32
93	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.	4.8	39
94	A partially randomized field experiment on the effect of an acoustic gunshot detection system on police incident reports. <i>Journal of Experimental Criminology</i> , 2019, 15, 67-76.	1.9	16
95	Accumulation and fate of nano- and micro-plastics and associated contaminants in organisms. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 111, 139-147.	5.8	187
96	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.	4.8	59
97	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.	6.5	41
98	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.	2.9	28
99	Assessing Alternative Population Size Proxies in a Wastewater Catchment Area Using Mobile Device Data. <i>Environmental Science & Technology</i> , 2019, 53, 1994-2001.	4.6	25
100	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.	3.9	26
101	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.	3.9	58
102	Comparison of phosphodiesterase type V inhibitors use in eight European cities through analysis of urban wastewater. <i>Environment International</i> , 2018, 115, 279-284.	4.8	26
103	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.	4.6	101
104	Analysis of stimulant drugs in the wastewater of five Nordic capitals. <i>Science of the Total Environment</i> , 2018, 627, 1039-1047.	3.9	41
105	Review: ecotoxicity of organic and organo-metallic antifouling co-biocides and implications for environmental hazard and risk assessments in aquatic ecosystems. <i>Biofouling</i> , 2018, 34, 34-52.	0.8	82
106	Emerging pollutants in the EU: 10 years of NORMAN in support of environmental policies and regulations. <i>Environmental Sciences Europe</i> , 2018, 30, 5.	2.6	171
107	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.	4.6	52
108	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 34-43.	5.8	85

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109	Weathering impacts the uptake of polyethylene microparticles from toothpaste in Mediterranean mussels (<i>M. galloprovincialis</i>). <i>Science of the Total Environment</i> , 2018, 626, 1310-1318.	3.9	121
110	Mass spectrometric strategies for the investigation of biomarkers of illicit drug use in wastewater. <i>Mass Spectrometry Reviews</i> , 2018, 37, 258-280.	2.8	95
111	Determination of cannabinoid and synthetic cannabinoid metabolites in wastewater by liquid-liquid extraction and ultra-high performance supercritical fluid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2018, 10, 222-228.	1.6	39
112	Enantiomeric profiling of chiral illicit drugs in a pan-European study. <i>Water Research</i> , 2018, 130, 151-160.	5.3	83
113	A high-throughput solid-phase microextraction and post-loop mixing large volume injection method for water samples. <i>Journal of Chromatography A</i> , 2018, 1531, 32-38.	1.8	13
114	“Ice Rushes”™, Data Shadows and Methamphetamine Use in Rural Towns: Wastewater Analysis. <i>Current Issues in Criminal Justice</i> , 2018, 29, 195-208.	0.8	2
115	<i>Mytilus</i> spp. as sentinels for monitoring microplastic pollution in Norwegian coastal waters: A qualitative and quantitative study. <i>Environmental Pollution</i> , 2018, 243, 383-393.	3.7	193
116	Identification of algal growth inhibitors in treated waste water using effect-directed analysis based on non-target screening techniques. <i>Journal of Hazardous Materials</i> , 2018, 358, 494-502.	6.5	24
117	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.	3.9	36
118	Wastewater-based epidemiology biomarkers: Past, present and future. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 453-469.	5.8	327
119	Ecotoxicological Effects of Transformed Silver and Titanium Dioxide Nanoparticles in the Effluent from a Lab-Scale Wastewater Treatment System. <i>Environmental Science & Technology</i> , 2018, 52, 9431-9441.	4.6	39
120	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.	2.6	24
121	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.	4.8	38
122	Wastewater Analysis for Community-Wide Drugs Use Assessment. <i>Handbook of Experimental Pharmacology</i> , 2018, 252, 543-566.	0.9	15
123	Identification of non-regulated polycyclic aromatic compounds and other markers of urban pollution in road tunnel particulate matter. <i>Journal of Hazardous Materials</i> , 2017, 323, 36-44.	6.5	26
124	Miniaturization of a transthyretin binding assay using a fluorescent probe for high throughput screening of thyroid hormone disruption in environmental samples. <i>Chemosphere</i> , 2017, 171, 722-728.	4.2	22
125	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 spectrometry: A test study. <i>Journal of Chromatography A</i> , 2017, 1501, 68-78.	1.8	22
126	Statistical Variable Selection: An Alternative Prioritization Strategy during the Nontarget Analysis of LC-HR-MS Data. <i>Analytical Chemistry</i> , 2017, 89, 5585-5591.	3.2	22

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127	European demonstration program on the effect-based and chemical identification and monitoring of organic pollutants in European surface waters. <i>Science of the Total Environment</i> , 2017, 601-602, 1849-1868.	3.9	151
128	Wastewater-based epidemiology to assess pan-European pesticide exposure. <i>Water Research</i> , 2017, 121, 270-279.	5.3	110
129	Passive sampling of wastewater as a tool for the long-term monitoring of community exposure: Illicit and prescription drug trends as a proof of concept. <i>Water Research</i> , 2017, 121, 221-230.	5.3	48
130	Oxidative stress in the algae <i>Chlamydomonas reinhardtii</i> exposed to biocides. <i>Aquatic Toxicology</i> , 2017, 189, 50-59.	1.9	75
131	Mixture toxicity of five biocides with dissimilar modes of action on the growth and photosystem II efficiency of <i>Chlamydomonas reinhardtii</i> . <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 971-986.	1.1	13
132	Use of Mobile Device Data To Better Estimate Dynamic Population Size for Wastewater-Based Epidemiology. <i>Environmental Science & Technology</i> , 2017, 51, 11363-11370.	4.6	74
133	Roads and motorized transport as major sources of priority substances? A data register study. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 1031-1047.	1.1	3
134	Toxicity of emerging antifouling biocides to non-target freshwater organisms from three trophic levels. <i>Aquatic Toxicology</i> , 2017, 191, 164-174.	1.9	30
135	Estimation of caffeine intake from analysis of caffeine metabolites in wastewater. <i>Science of the Total Environment</i> , 2017, 609, 1582-1588.	3.9	87
136	Liquid chromatography-tandem mass spectrometry determination of synthetic cathinones and phenethylamines in influent wastewater of eight European cities. <i>Chemosphere</i> , 2017, 168, 1032-1041.	4.2	82
137	Comparison of pharmaceutical, illicit drug, alcohol, nicotine and caffeine levels in wastewater with sale, seizure and consumption data for 8 European cities. <i>BMC Public Health</i> , 2016, 16, 1035.	1.2	139
138	Increased levels of the oxidative stress biomarker 8-iso-prostaglandin F ₂ ± in wastewater associated with tobacco use. <i>Scientific Reports</i> , 2016, 6, 39055.	1.6	59
139	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.	1.8	16
140	Wastewater-Based Epidemiology To Monitor Synthetic Cathinones Use in Different European Countries. <i>Environmental Science & Technology</i> , 2016, 50, 10089-10096.	4.6	83
141	Identification of markers of cancer in urban sewage through the use of a suspect screening approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 571-580.	1.4	16
142	Plastic ingestion by Atlantic cod (<i>Gadus morhua</i>) from the Norwegian coast. <i>Marine Pollution Bulletin</i> , 2016, 112, 105-110.	2.3	151
143	The First Attempt at Non-Linear in Silico Prediction of Sampling Rates for Polar Organic Chemical Integrative Samplers (POCIS). <i>Environmental Science & Technology</i> , 2016, 50, 7973-7981.	4.6	38
144	Comparative measurement and quantitative risk assessment of alcohol consumption through wastewater-based epidemiology: An international study in 20 cities. <i>Science of the Total Environment</i> , 2016, 565, 977-983.	3.9	85

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145	Identification of petrogenic produced water components as acetylcholine esterase inhibitors. <i>Environmental Pollution</i> , 2016, 215, 18-26.	3.7	9
146	Automated high-throughput in vitro screening of the acetylcholine esterase inhibiting potential of environmental samples, mixtures and single compounds. <i>Ecotoxicology and Environmental Safety</i> , 2016, 130, 74-80.	2.9	8
147	Tralopyril bioconcentration and effects on the gill proteome of the Mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2016, 177, 198-210.	1.9	25
148	Enantioselective simultaneous analysis of selected pharmaceuticals in environmental samples by ultrahigh performance supercritical fluid based chromatography tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 934, 239-251.	2.6	40
149	Target and suspect screening of psychoactive substances in sewage-based samples by UHPLC-QTOF. <i>Analytica Chimica Acta</i> , 2016, 914, 81-90.	2.6	85
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