

Kevin V Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

277
papers

21,423
citations

8181

76
h-index

12597

132
g-index

283
all docs

283
docs citations

283
times ranked

16758
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. <i>Science of the Total Environment</i> , 2020, 728, 138764.	8.0	1,393
2	A review of factors affecting the release and bioavailability of contaminants during sediment disturbance events. <i>Environment International</i> , 2004, 30, 973-980.	10.0	874
3	The occurrence of selected pharmaceuticals in wastewater effluent and surface waters of the lower Tyne catchment. <i>Science of the Total Environment</i> , 2006, 356, 143-153.	8.0	755
4	Investigating the environmental transport of human pharmaceuticals to streams in the United Kingdom. <i>Science of the Total Environment</i> , 2004, 333, 167-184.	8.0	576
5	The environmental fate and effects of antifouling paint biocides. <i>Biofouling</i> , 2010, 26, 73-88.	2.2	441
6	Comparing illicit drug use in 19 European cities through sewage analysis. <i>Science of the Total Environment</i> , 2012, 432, 432-439.	8.0	416
7	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.	8.0	405
8	Wastewater-Based Epidemiology: Global Collaborative to Maximize Contributions in the Fight Against COVID-19. <i>Environmental Science & Technology</i> , 2020, 54, 7754-7757.	10.0	337
9	Sources, impacts and trends of pharmaceuticals in the marine and coastal environment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130572.	4.0	336
10	Wastewater-based epidemiology biomarkers: Past, present and future. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 453-469.	11.4	327
11	Determination of selected human pharmaceutical compounds in effluent and surface water samples by high-performance liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1015, 129-141.	3.7	322
12	Evaluation of Uncertainties Associated with the Determination of Community Drug Use through the Measurement of Sewage Drug Biomarkers. <i>Environmental Science & Technology</i> , 2013, 47, 1452-1460.	10.0	320
13	Spatial differences and temporal changes in illicit drug use in Europe quantified by wastewater analysis. <i>Addiction</i> , 2014, 109, 1338-1352.	3.3	319
14	FTIR and Raman imaging for microplastics analysis: State of the art, challenges and prospects. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 119, 115629.	11.4	301
15	The occurrence of selected human pharmaceutical compounds in UK estuaries. <i>Marine Pollution Bulletin</i> , 2004, 49, 436-444.	5.0	262
16	Environmental occurrence and risk of organic UV filters and stabilizers in multiple matrices in Norway. <i>Environment International</i> , 2015, 80, 1-7.	10.0	236
17	Antifouling paint booster biocides in UK coastal waters: inputs, occurrence and environmental fate. <i>Science of the Total Environment</i> , 2002, 293, 117-127.	8.0	231
18	Characterization of the effluent from a nanosilver producing washing machine. <i>Environment International</i> , 2011, 37, 1057-1062.	10.0	230

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19	Antifouling Paint Booster Biocides in the UK Coastal Environment and Potential Risks of Biological Effects. <i>Marine Pollution Bulletin</i> , 2001, 42, 677-688.	5.0	219
20	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.	8.0	218
21	New psychoactive substances: challenges for drug surveillance, control, and public health responses. <i>Lancet, The</i> , 2019, 394, 1668-1684.	13.7	195
22	<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.	7.5	193
23	Environmental assessment of Norwegian priority pharmaceuticals based on the EMEA guideline. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 328-340.	6.0	187
24	Accumulation and fate of nano- and micro-plastics and associated contaminants in organisms. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 111, 139-147.	11.4	187
25	Determination of pharmaceutical compounds in hospital effluents and their contribution to wastewater treatment works. <i>Environment International</i> , 2009, 35, 766-770.	10.0	183
26	Source to sink tracking of selected human pharmaceuticals from two Oslo city hospitals and a wastewater treatment works. <i>Journal of Environmental Monitoring</i> , 2007, 9, 1410.	2.1	181
27	Effects of silver and gold nanoparticles on rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes. <i>Aquatic Toxicology</i> , 2010, 96, 44-52.	4.0	179
28	Using environmental analytical data to estimate levels of community consumption of illicit drugs and abused pharmaceuticals. <i>Journal of Environmental Monitoring</i> , 2007, 9, 701.	2.1	173
29	Emerging pollutants in the EU: 10 years of NORMAN in support of environmental policies and regulations. <i>Environmental Sciences Europe</i> , 2018, 30, 5.	5.5	171
30	An assessment of in vitro androgenic activity and the identification of environmental androgens in United Kingdom estuaries. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 1456-1461.	4.3	156
31	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.	3.3	154
32	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.	8.0	153
33	Antifouling Paint Booster Biocide Contamination in UK Marine Sediments. <i>Marine Pollution Bulletin</i> , 2000, 40, 739-745.	5.0	152
34	The environmental fate and behaviour of antifouling paint booster biocides: A review. <i>Biofouling</i> , 2001, 17, 73-86.	2.2	151
35	Uptake and effects of manufactured silver nanoparticles in rainbow trout (<i>Oncorhynchus mykiss</i>) gill cells. <i>Aquatic Toxicology</i> , 2011, 101, 117-125.	4.0	151
36	Plastic ingestion by Atlantic cod (<i>Gadus morhua</i>) from the Norwegian coast. <i>Marine Pollution Bulletin</i> , 2016, 112, 105-110.	5.0	151

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37	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.	8.0	151
38	Testing wastewater to detect illicit drugs: State of the art, potential and research needs. <i>Science of the Total Environment</i> , 2014, 487, 613-620.	8.0	149
39	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, .	3.0	146
40	Identification and quantification of selected plastics in biosolids by pressurized liquid extraction combined with double-shot pyrolysis gas chromatography-mass spectrometry. <i>Science of the Total Environment</i> , 2020, 715, 136924.	8.0	145
41	Effect-Directed Identification of Naphthenic Acids As Important in Vitro Xeno-Estrogens and Anti-Androgens in North Sea Offshore Produced Water Discharges. <i>Environmental Science & Technology</i> , 2009, 43, 8066-8071.	10.0	144
42	Quantitative Analysis of Selected Plastics in High-Commercial-Value Australian Seafood by Pyrolysis Gas Chromatography Mass Spectrometry. <i>Environmental Science & Technology</i> , 2020, 54, 9408-9417.	10.0	143
43	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.	2.9	139
44	Characterization of estrogenic compounds in water samples collected from United Kingdom estuaries. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 2165-2170.	4.3	132
45	In Situ Calibration of a Passive Sampling Device for Selected Illicit Drugs and Their Metabolites in Wastewater, And Subsequent Year-Long Assessment of Community Drug Usage. <i>Environmental Science & Technology</i> , 2011, 45, 5676-5682.	10.0	127
46	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.	4.1	126
47	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.	8.0	121
48	Increased persistence of antifouling paint biocides when associated with paint particles. <i>Environmental Pollution</i> , 2003, 123, 153-161.	7.5	113
49	Impacts of Competitive Inhibition, Parent Compound Formation and Partitioning Behavior on the Removal of Antibiotics in Municipal Wastewater Treatment. <i>Environmental Science & Technology</i> , 2010, 44, 734-742.	10.0	113
50	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.	2.4	112
51	Surveys of plasma vitellogenin and intersex in male flounder (<i>Platichthys flesus</i>) as measures of endocrine disruption by estrogenic contamination in United Kingdom estuaries: Temporal trends, 1996 to 2001. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 748-758.	4.3	110
52	Wastewater-based epidemiology to assess pan-European pesticide exposure. <i>Water Research</i> , 2017, 121, 270-279.	11.3	110
53	Masking effect of anti-androgens on androgenic activity in European river sediment unveiled by effect-directed analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1385-1397.	3.7	109
54	Social, demographic, and economic correlates of food and chemical consumption measured by wastewater-based epidemiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21864-21873.	7.1	104

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55	Exploring the Potential of a Global Emerging Contaminant Early Warning Network through the Use of Retrospective Suspect Screening with High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2018, 52, 5135-5144.	10.0	101
56	Airborne emissions of microplastic fibres from domestic laundry dryers. <i>Science of the Total Environment</i> , 2020, 747, 141175.	8.0	99
57	Inputs of chemicals from recreational activities into the Norwegian coastal zone. <i>Journal of Environmental Monitoring</i> , 2008, 10, 894.	2.1	96
58	Mass spectrometric strategies for the investigation of biomarkers of illicit drug use in wastewater. <i>Mass Spectrometry Reviews</i> , 2018, 37, 258-280.	5.4	95
59	Diurnal variations in the occurrence and the fate of hormones and antibiotics in activated sludge wastewater treatment in Oslo, Norway. <i>Science of the Total Environment</i> , 2010, 408, 1915-1924.	8.0	94
60	Uptake rates of alkylphenols, PAHs and carbazoles in semipermeable membrane devices (SPMDs) and polar organic chemical integrative samplers (POCIS). <i>Chemosphere</i> , 2008, 72, 1510-1516.	8.2	92
61	On-line preconcentration of pharmaceutical residues from large volume water samples using short reversed-phase monolithic cartridges coupled to LC-UV-ESI-MS. <i>Talanta</i> , 2006, 70, 1117-1128.	5.5	91
62	Concentrations of Tire Additive Chemicals and Tire Road Wear Particles in an Australian Urban Tributary. <i>Environmental Science & Technology</i> , 2022, 56, 2421-2431.	10.0	90
63	Determination of the antifouling agent zinc pyrithione in water samples by copper chelate formation and high-performance liquid chromatography-atmospheric pressure chemical ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 1999, 833, 105-109.	3.7	89
64	Assessment of toxicological profiles of the municipal wastewater effluents using chemical analyses and bioassays. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 844-851.	6.0	88
65	Estimation of caffeine intake from analysis of caffeine metabolites in wastewater. <i>Science of the Total Environment</i> , 2017, 609, 1582-1588.	8.0	87
66	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.	8.0	85
67	Target and suspect screening of psychoactive substances in sewage-based samples by UHPLC-QTOF. <i>Analytica Chimica Acta</i> , 2016, 914, 81-90.	5.4	85
68	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.	11.4	85
69	The impact of oestrogenic and androgenic contamination on marine organisms in the United Kingdom—summary of the EDMAR programme. <i>Marine Environmental Research</i> , 2002, 54, 645-649.	2.5	83
70	Do Antiparasitic Medicines Used in Aquaculture Pose a Risk to the Norwegian Aquatic Environment?. <i>Environmental Science & Technology</i> , 2014, 48, 7774-7780.	10.0	83
71	Bioaccumulation and biological effects of cigarette litter in marine worms. <i>Scientific Reports</i> , 2015, 5, 14119.	3.3	83
72	Wastewater-Based Epidemiology To Monitor Synthetic Cathinones Use in Different European Countries. <i>Environmental Science & Technology</i> , 2016, 50, 10089-10096.	10.0	83

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73	Enantiomeric profiling of chiral illicit drugs in a pan-European study. <i>Water Research</i> , 2018, 130, 151-160.	11.3	83
74	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.	8.2	82
75	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.	2.2	82
76	IDENTIFICATION OF IN VITRO ESTROGEN AND ANDROGEN RECEPTOR AGONISTS IN NORTH SEA OFFSHORE PRODUCED WATER DISCHARGES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1156.	4.3	80
77	Input of selected human pharmaceutical metabolites into the Norwegian aquatic environment. <i>Journal of Environmental Monitoring</i> , 2011, 13, 416-421.	2.1	80
78	Plastics in biosolids from 1950 to 2016: A function of global plastic production and consumption. <i>Water Research</i> , 2021, 201, 117367.	11.3	77
79	MODELKEY. Models for assessing and forecasting the impact of environmental key pollutants on freshwater and marine ecosystems and biodiversity (5 pp). <i>Environmental Science and Pollution Research</i> , 2005, 12, 252-256.	5.3	76
80	Oxidative stress in the algae <i>Chlamydomonas reinhardtii</i> exposed to biocides. <i>Aquatic Toxicology</i> , 2017, 189, 50-59.	4.0	75
81	Small but Different Effect of Fouling on the Uptake Rates of Semipermeable Membrane Devices and Polar Organic Chemical Integrative Samplers. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2324-2332.	4.3	74
82	Use of Mobile Device Data To Better Estimate Dynamic Population Size for Wastewater-Based Epidemiology. <i>Environmental Science & Technology</i> , 2017, 51, 11363-11370.	10.0	74
83	An assessment of quality assurance/quality control efforts in high resolution mass spectrometry non-target workflows for analysis of environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116063.	11.4	73
84	Effects-directed analysis of organic toxicants in wastewater effluent from Zagreb, Croatia. <i>Chemosphere</i> , 2007, 67, 108-120.	8.2	72
85	An activated sludge modeling framework for xenobiotic trace chemicals (ASM ₂ -X): Assessment of diclofenac and carbamazepine. <i>Biotechnology and Bioengineering</i> , 2012, 109, 2757-2769.	3.3	72
86	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.	7.5	72
87	Plastics contamination of store-bought rice. <i>Journal of Hazardous Materials</i> , 2021, 416, 125778.	12.4	70
88	Monitoring the freely dissolved concentrations of polycyclic aromatic hydrocarbons (PAH) and alkylphenols (AP) around a Norwegian oil platform by holistic passive sampling. <i>Marine Pollution Bulletin</i> , 2009, 58, 1671-1679.	5.0	69
89	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.	10.0	69
90	Factors influencing sorption of ciprofloxacin onto activated sludge: Experimental assessment and modelling implications. <i>Chemosphere</i> , 2015, 119, 105-111.	8.2	68

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91	The occurrence of second generation anticoagulant rodenticides in non-target raptor species in Norway. <i>Science of the Total Environment</i> , 2013, 450-451, 205-208.	8.0	67
92	Assessment of the risk posed by the antifouling booster biocides Irgarol 1051 and diuron to freshwater macrophytes. <i>Chemosphere</i> , 2006, 63, 734-743.	8.2	66
93	What Else Can the Analysis of Sewage for Urinary Biomarkers Reveal About Communities?. <i>Environmental Science & Technology</i> , 2011, 45, 7611-7612.	10.0	64
94	Release of Plastics to Australian Land from Biosolids End-Use. <i>Environmental Science & Technology</i> , 2020, 54, 15132-15141.	10.0	62
95	Passive sampling for target and nontarget analyses of moderately polar and nonpolar substances in water. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1718-1726.	4.3	61
96	Analysis of new classes of recreational drugs in sewage: Synthetic cannabinoids and amphetamine-like substances. <i>Drug Testing and Analysis</i> , 2014, 6, 72-79.	2.6	61
97	Communicating Confidence of Per- and Polyfluoroalkyl Substance Identification via High-Resolution Mass Spectrometry. <i>Environmental Science and Technology Letters</i> , 2022, 9, 473-481.	8.7	61
98	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.	3.3	59
99	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.	10.0	59
100	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.	8.0	58
101	Multi-residue screening of prioritised human pharmaceuticals, illicit drugs and bactericides in sediments and sludge. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2284.	2.1	57
102	Community Sewage Sensors for Monitoring Public Health. <i>Environmental Science & Technology</i> , 2015, 49, 5845-5846.	10.0	56
103	Determination of selected antifouling booster biocides by high-performance liquid chromatography-atmospheric pressure chemical ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 1998, 825, 29-35.	3.7	55
104	Biotransformation kinetics and sorption of cocaine and its metabolites and the factors influencing their estimation in wastewater. <i>Water Research</i> , 2013, 47, 2129-2140.	11.3	55
105	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.	8.0	55
106	Screening for Selected Human Pharmaceuticals and Cocaine in the Urban Streams of Manaus, Amazonas, Brazil. <i>Journal of the American Water Resources Association</i> , 2014, 50, 302-308.	2.4	53
107	Uptake of some selected aquatic pollutants in semipermeable membrane devices (SPMDs) and the polar organic chemical integrative sampler (POCIS). <i>Journal of Environmental Monitoring</i> , 2008, 10, 239-247.	2.1	52
108	Combining a Deconvolution and a Universal Library Search Algorithm for the Nontarget Analysis of Data-Independent Acquisition Mode Liquid Chromatography-High-Resolution Mass Spectrometry Results. <i>Environmental Science & Technology</i> , 2018, 52, 4694-4701.	10.0	52

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109	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.	8.7	52
110	Quantitative assessment of time dependent drug-use trends by the analysis of drugs and related metabolites in raw sewage. <i>Drug and Alcohol Dependence</i> , 2011, 119, 179-186.	3.2	51
111	Estrogen receptor (ER) agonists and androgen receptor (AR) antagonists in effluents from Norwegian North Sea oil production platforms. <i>Marine Pollution Bulletin</i> , 2007, 54, 277-283.	5.0	50
112	Characterisation of potentially genotoxic compounds in sediments collected from United Kingdom estuaries. <i>Chemosphere</i> , 2002, 49, 247-258.	8.2	48
113	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.	11.3	48
114	Using biomarkers in wastewater to monitor community drug use: A conceptual approach for dealing with new psychoactive substances. <i>Science of the Total Environment</i> , 2014, 487, 651-658.	8.0	46
115	POTENCY AND CHARACTERIZATION OF ESTROGEN-RECEPTOR AGONISTS IN UNITED KINGDOM ESTUARINE SEDIMENTS. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 471.	4.3	45
116	Toxicity characterisation of organic contaminants in stormwaters from an agricultural headwater stream in South East England. <i>Water Research</i> , 2001, 35, 2411-2416.	11.3	44
117	A Novel DNA Biosensor Using a Ferrocenyl Intercalator Applied to the Potential Detection of Human Population Biomarkers in Wastewater. <i>Environmental Science & Technology</i> , 2015, 49, 5609-5617.	10.0	44
118	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.	3.5	44
119	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.	8.0	44
120	Determination of dioxin and dioxin-like compounds in sediments from UK estuaries using a bio-analytical approach: chemical-activated luciferase expression (CALUX) assay. <i>Marine Pollution Bulletin</i> , 2004, 49, 648-658.	5.0	43
121	Liquid chromatography–high resolution mass spectrometry with immunoaffinity clean-up for the determination of the oxidative stress biomarker 8-iso-prostaglandin F2alpha in wastewater. <i>Journal of Chromatography A</i> , 2015, 1409, 146-151.	3.7	43
122	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.	10.0	43
123	Wastewater surveillance demonstrates high predictive value for COVID-19 infection on board repatriation flights to Australia. <i>Environment International</i> , 2022, 158, 106938.	10.0	43
124	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.	8.0	42
125	A novel method for the quantification of tire and polymer-modified bitumen particles in environmental samples by pyrolysis gas chromatography mass spectroscopy. <i>Journal of Hazardous Materials</i> , 2022, 423, 127092.	12.4	42
126	Analysis of stimulant drugs in the wastewater of five Nordic capitals. <i>Science of the Total Environment</i> , 2018, 627, 1039-1047.	8.0	41

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127	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.	12.4	41
128	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.	8.0	41
129	Analysis and Interpretation of Specific Ethanol Metabolites, Ethyl Sulfate, and Ethyl Glucuronide in Sewage Effluent for the Quantitative Measurement of Regional Alcohol Consumption. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, no-no.	2.4	40
130	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.	5.4	40
131	Quantification of selected microplastics in Australian urban road dust. <i>Journal of Hazardous Materials</i> , 2021, 416, 125811.	12.4	40
132	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.	2.6	39
133	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.	10.0	39
134	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.	10.0	39
135	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.	5.5	39
136	Identification of toxic substances in United Kingdom estuaries. <i>Environmental Toxicology and Chemistry</i> , 1999, 18, 401-411.	4.3	38
137	The effects of short-term changes in environmental parameters on the release of biocides from antifouling coatings: cuprous oxide and tributyltin. <i>Applied Organometallic Chemistry</i> , 1999, 13, 453-460.	3.5	38
138	Post-incident monitoring to evaluate environmental damage from shipping incidents: Chemical and biological assessments. <i>Journal of Environmental Management</i> , 2012, 109, 136-153.	7.8	38
139	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.	10.0	38
140	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.	10.0	38
141	Expanding exploration of dynamic microplastic surface characteristics and interactions. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 130, 115993.	11.4	38
142	The effect of resuspending sediment contaminated with antifouling paint particles containing Irgarol 1051 on the marine macrophyte <i>Ulva intestinalis</i> . <i>Chemosphere</i> , 2007, 68, 1519-1524.	8.2	37
143	Impact of TiO ₂ nanoparticles on freshwater bacteria from three Swedish lakes. <i>Science of the Total Environment</i> , 2015, 535, 85-93.	8.0	37
144	Towards an efficient method for the extraction and analysis of cannabinoids in wastewater. <i>Talanta</i> , 2020, 217, 121034.	5.5	37

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145	Phthalate esters in face masks and associated inhalation exposure risk. <i>Journal of Hazardous Materials</i> , 2022, 423, 127001.	12.4	37
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