Frederic Been

List of Publications by Year
in descending order

38 papers	2,119 citations	279798 23 h-index	315739 38 g-index
39 all docs	39 docs citations	39 times ranked	2264 citing authors

#	Article	IF	Citations
1	Retrospective suspect and non-target screening combined with similarity measures to prioritize MDMA and amphetamine synthesis markers in wastewater. Science of the Total Environment, 2022, 811, 152139.	8.0	5
2	Quantum cascade laser imaging (LDIR) and machine learning for the identification of environmentally exposed microplastics and polymers. Environmental Research, 2022, 212, 113569.	7.5	21
3	An Analysis of SARS-CoV-2 in Wastewater to Evaluate the Effectiveness of Nonpharmaceutical Interventions against COVID-19 in The Netherlands. ACS ES&T Water, 2022, 2, 2158-2166.	4.6	10
4	Perspectives and challenges associated with the determination of new psychoactive substances in urine and wastewater â€“ A tutorial. Analytica Chimica Acta, 2021, 1145, 132-147.	5.4	25
5	Online Prioritization of Toxic Compounds in Water Samples through Intelligent HRMS Data Acquisition. Analytical Chemistry, 2021, 93, 5071-5080.	6.5	17
6	International snapshot of new psychoactive substance use: Case study of eight countries over the 2019/2020 new year period. Water Research, 2021, 193, 116891.	11.3	34
7	What's in the water? â€“ Target and suspect screening of contaminants of emerging concern in raw water and drinking water from Europe and Asia. Water Research, 2021, 198, 117099.	11.3	46
8	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. Water Research, 2021, 199, 117167.	11.3	48
9	Application of wastewater-based epidemiology to investigate stimulant drug, alcohol and tobacco use in Lithuanian communities. Science of the Total Environment, 2021, 777, 145914.	8.0	27
10	Changes in drug use in European cities during early COVID-19 lockdowns â€“ A snapshot from wastewater analysis. Environment International, 2021, 153, 106540.	10.0	47
11	Risk-based prioritization of suspects detected in riverine water using complementary chromatographic techniques. Water Research, 2021, 204, 117612.	11.3	19
12	Spatioâ€temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. Addiction, 2020, 115, 109-120.	3.3	154
13	Wastewater-Based Epidemiology: Global Collaborative to Maximize Contributions in the Fight Against COVID-19. Environmental Science & Technology, 2020, 54, 7754-7757.	10.0	337
14	Testing wastewater from a music festival in Switzerland to assess illicit drug use. Forensic Science International, 2020, 309, 110148.	2.2	27
15	The estimation of cannabis consumption through wastewater analysis. Comprehensive Analytical Chemistry, 2020, 90, 453-482.	1.3	9
16	Implementation of environmental surveillance for SARS-CoV-2 virus to support public health decisions: Opportunities and challenges. Current Opinion in Environmental Science and Health, 2020, 17, 49-71.	4.1	255
17	Metabolites of phosphate flame retardants and alternative plasticizers in urine from intensive care patients. Chemosphere, 2019, 233, 590-596.	8.2	21
18	The use of wastewater analysis in forensic intelligence: drug consumption comparison between Sydney and different European cities. Forensic Sciences Research, 2019, 4, 141-151.	1.6	18

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19	Development and validation of a bioanalytical assay based on liquid chromatography-tandem mass spectrometry for measuring biomarkers of exposure of alternative plasticizers in human urine and serum. Talanta, 2019, 198, 230-236.	5.5	28
20	Hair as an alternative matrix to monitor human exposure to plasticizers â€“ Development of a liquid chromatography - tandem mass spectrometry method. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1104, 94-101.	2.3	14
21	Measuring spatial and temporal trends of nicotine and alcohol consumption in Australia using wastewaterâ€based epidemiology. Addiction, 2018, 113, 1127-1136.	3.3	62
22	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. TrAC - Trends in Analytical Chemistry, 2018, 103, 34-43.	11.4	85
23	Simultaneous determination of 14 urinary biomarkers of exposure to organophosphate flame retardants and plasticizers by LC-MS/MS. Analytical and Bioanalytical Chemistry, 2018, 410, 7871-7880.	3.7	46
24	Levels of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) in raw wastewater as an innovative perspective for investigating population-wide exposure to third-hand smoke. Scientific Reports, 2018, 8, 13254.	3.3	15
25	Mining the Chemical Information on Urban Wastewater: Monitoring Human Exposure to Phosphorus Flame Retardants and Plasticizers. Environmental Science & Technology, 2018, 52, 6996-7005.	10.0	44
26	Analysis of N,Nâ€dimethylamphetamine in wastewater â€“ a pyrolysis marker and synthesis impurity of methamphetamine. Drug Testing and Analysis, 2018, 10, 1590-1598.	2.6	3
27	Measuring biomarkers in wastewater as a new source of epidemiological information: Current state and future perspectives. Environment International, 2017, 99, 131-150.	10.0	209
28	Liquid Chromatographyâ€“Tandem Mass Spectrometry Analysis of Biomarkers of Exposure to Phosphorus Flame Retardants in Wastewater to Monitor Community-Wide Exposure. Analytical Chemistry, 2017, 89, 10045-10053.	6.5	42
29	Novel Wastewater-Based Epidemiology Approach Based on Liquid Chromatographyâ€“Tandem Mass Spectrometry for Assessing Population Exposure to Tobacco-Specific Toxicants and Carcinogens. Analytical Chemistry, 2017, 89, 9268-9278.	6.5	28
30	Evaluating the consumption of illicit drugs via wastewater analysis. , 2017, , 160-174.		1
31	Integrating environmental and self-report data to refine cannabis prevalence estimates in a major urban area of Switzerland. International Journal of Drug Policy, 2016, 36, 33-42.	3.3	8
32	Profiles and changes in stimulant use in Belgium in the period of 2011â€“2015. Science of the Total Environment, 2016, 565, 1011-1019.	8.0	18
33	Analysis of illicit drugs in wastewater â€“ Is there an added value for law enforcement?. Forensic Science International, 2016, 266, 215-221.	2.2	16
34	Assessing geographical differences in illicit drug consumptionâ€”A comparison of results from epidemiological and wastewater data in Germany and Switzerland. Drug and Alcohol Dependence, 2016, 161, 189-199.	3.2	51
35	Data triangulation in the context of opioids monitoring via wastewater analyses. Drug and Alcohol Dependence, 2015, 151, 203-210.	3.2	43
36	Population Normalization with Ammonium in Wastewater-Based Epidemiology: Application to Illicit Drug Monitoring. Environmental Science & Technology, 2014, 48, 8162-8169.	10.0	155

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37	Detection and chemical profiling of medicine counterfeits by Raman spectroscopy and chemometrics. Analytica Chimica Acta, 2011, 705, 334-341.	5.4	66
38	Profiling of counterfeit medicines by vibrational spectroscopy. Forensic Science International, 2011, 211, 83-100.	2.2	64