

Frederic Been

List of Publications by Year in descending order

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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	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
2	Implementation of environmental surveillance for SARS-CoV-2 virus to support public health decisions: Opportunities and challenges. <i>Current Opinion in Environmental Science and Health</i> , 2020, 17, 49-71.	4.1	255
3	Measuring biomarkers in wastewater as a new source of epidemiological information: Current state and future perspectives. <i>Environment International</i> , 2017, 99, 131-150.	10.0	209
4	Population Normalization with Ammonium in Wastewater-Based Epidemiology: Application to Illicit Drug Monitoring. <i>Environmental Science & Technology</i> , 2014, 48, 8162-8169.	10.0	155
5	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
6	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
7	Detection and chemical profiling of medicine counterfeits by Raman spectroscopy and chemometrics. <i>Analytica Chimica Acta</i> , 2011, 705, 334-341.	5.4	66
8	Profiling of counterfeit medicines by vibrational spectroscopy. <i>Forensic Science International</i> , 2011, 211, 83-100.	2.2	64
9	Measuring spatial and temporal trends of nicotine and alcohol consumption in Australia using wastewater-based epidemiology. <i>Addiction</i> , 2018, 113, 1127-1136.	3.3	62
10	Assessing geographical differences in illicit drug consumption – A comparison of results from epidemiological and wastewater data in Germany and Switzerland. <i>Drug and Alcohol Dependence</i> , 2016, 161, 189-199.	3.2	51
11	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. <i>Water Research</i> , 2021, 199, 117167.	11.3	48
12	Changes in drug use in European cities during early COVID-19 lockdowns – A snapshot from wastewater analysis. <i>Environment International</i> , 2021, 153, 106540.	10.0	47
13	Simultaneous determination of 14 urinary biomarkers of exposure to organophosphate flame retardants and plasticizers by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7871-7880.	3.7	46
14	What's in the water? – Target and suspect screening of contaminants of emerging concern in raw water and drinking water from Europe and Asia. <i>Water Research</i> , 2021, 198, 117099.	11.3	46
15	Mining the Chemical Information on Urban Wastewater: Monitoring Human Exposure to Phosphorus Flame Retardants and Plasticizers. <i>Environmental Science & Technology</i> , 2018, 52, 6996-7005.	10.0	44
16	Data triangulation in the context of opioids monitoring via wastewater analyses. <i>Drug and Alcohol Dependence</i> , 2015, 151, 203-210.	3.2	43
17	Liquid Chromatography-Tandem Mass Spectrometry Analysis of Biomarkers of Exposure to Phosphorus Flame Retardants in Wastewater to Monitor Community-Wide Exposure. <i>Analytical Chemistry</i> , 2017, 89, 10045-10053.	6.5	42
18	International snapshot of new psychoactive substance use: Case study of eight countries over the 2019/2020 new year period. <i>Water Research</i> , 2021, 193, 116891.	11.3	34

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19	Novel Wastewater-Based Epidemiology Approach Based on Liquid Chromatography–Tandem Mass Spectrometry for Assessing Population Exposure to Tobacco-Specific Toxicants and Carcinogens. <i>Analytical Chemistry</i> , 2017, 89, 9268-9278.	6.5	28
20	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. <i>Talanta</i> , 2019, 198, 230-236.	5.5	28
21	Testing wastewater from a music festival in Switzerland to assess illicit drug use. <i>Forensic Science International</i> , 2020, 309, 110148.	2.2	27
22	Application of wastewater-based epidemiology to investigate stimulant drug, alcohol and tobacco use in Lithuanian communities. <i>Science of the Total Environment</i> , 2021, 777, 145914.	8.0	27
23	Perspectives and challenges associated with the determination of new psychoactive substances in urine and wastewater – A tutorial. <i>Analytica Chimica Acta</i> , 2021, 1145, 132-147.	5.4	25
24	Metabolites of phosphate flame retardants and alternative plasticizers in urine from intensive care patients. <i>Chemosphere</i> , 2019, 233, 590-596.	8.2	21
25	Quantum cascade laser imaging (LDIR) and machine learning for the identification of environmentally exposed microplastics and polymers. <i>Environmental Research</i> , 2022, 212, 113569.	7.5	21
26	Risk-based prioritization of suspects detected in riverine water using complementary chromatographic techniques. <i>Water Research</i> , 2021, 204, 117612.	11.3	19
27	Profiles and changes in stimulant use in Belgium in the period of 2011–2015. <i>Science of the Total Environment</i> , 2016, 565, 1011-1019.	8.0	18
28	The use of wastewater analysis in forensic intelligence: drug consumption comparison between Sydney and different European cities. <i>Forensic Sciences Research</i> , 2019, 4, 141-151.	1.6	18
29	Online Prioritization of Toxic Compounds in Water Samples through Intelligent HRMS Data Acquisition. <i>Analytical Chemistry</i> , 2021, 93, 5071-5080.	6.5	17
30	Analysis of illicit drugs in wastewater – Is there an added value for law enforcement?. <i>Forensic Science International</i> , 2016, 266, 215-221.	2.2	16
31	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. <i>Scientific Reports</i> , 2018, 8, 13254.	3.3	15
32	Hair as an alternative matrix to monitor human exposure to plasticizers – Development of a liquid chromatography - tandem mass spectrometry method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1104, 94-101.	2.3	14
33	An Analysis of SARS-CoV-2 in Wastewater to Evaluate the Effectiveness of Nonpharmaceutical Interventions against COVID-19 in The Netherlands. <i>ACS ES&T Water</i> , 2022, 2, 2158-2166.	4.6	10
34	The estimation of cannabis consumption through wastewater analysis. <i>Comprehensive Analytical Chemistry</i> , 2020, 90, 453-482.	1.3	9
35	Integrating environmental and self-report data to refine cannabis prevalence estimates in a major urban area of Switzerland. <i>International Journal of Drug Policy</i> , 2016, 36, 33-42.	3.3	8
36	Retrospective suspect and non-target screening combined with similarity measures to prioritize MDMA and amphetamine synthesis markers in wastewater. <i>Science of the Total Environment</i> , 2022, 811, 152139.	8.0	5

#	ARTICLE	IF	CITATIONS
37	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
38	Evaluating the consumption of illicit drugs via wastewater analysis. , 2017, , 160-174.		1