Richard Bade

List of Publications by Year in Descending Order

49 papers	1,838 citations	23 h-index	42 g-index
51 ext. papers	2,241 ext. citations	8.4 avg, IF	4.91 L-index

#	Paper	IF	Citations
49	A wastewater-based assessment of the impact of a minimum unit price (MUP) on population alcohol consumption in the Northern Territory, Australia. *Addiction*, **2022**, 117, 243-249	4.6	1
48	Partitioning of phytocannabinoids between faeces and water - Implications for wastewater-based epidemiology. *Science of the Total Environment*, **2022**, 805, 150269	10.2	
47	A Taste for New Psychoactive Substances: Wastewater Analysis Study of 10 Countries. *Environmental Science and Technology Letters*, **2022**, 9, 57-63	11	5
46	Methcathinone in wastewater: Drug of choice, or artefact?. *Science of the Total Environment*, **2022**, 155696	10.2	0
45	International snapshot of new psychoactive substance use: Case study of eight countries over the 2019/2020 new year period. *Water Research*, **2021**, 193, 116891	12.5	12
44	A method and its application to determine the amount of cannabinoids in sewage sludge and biosolids. *Environmental Science and Pollution Research*, **2021**, 28, 59652-59664	5.1	2
43	Perspectives and challenges associated with the determination of new psychoactive substances in urine and wastewater - A tutorial. *Analytica Chimica Acta*, **2021**, 1145, 132-147	6.6	6
42	Application of catecholamine metabolites as endogenous population biomarkers for wastewater-based epidemiology. *Science of the Total Environment*, **2021**, 763, 142992	10.2	3
41	How the recreational stimulant market has changed: Case study in Adelaide, Australia 2016-2019. *Science of the Total Environment*, **2021**, 757, 143728	10.2	5
40	Changes in alcohol consumption associated with social distancing and self-isolation policies triggered by COVID-19 in South Australia: a wastewater analysis study. *Addiction*, **2021**, 116, 1600-1605	4.6	28
39	Impact of COVID-19 Controls on the Use of Illicit Drugs and Alcohol in Australia. *Environmental Science and Technology Letters*, **2021**, 8, 799-804	11	4
38	Pholedrine is a marker of direct disposal of methamphetamine. *Science of the Total Environment*, **2021**, 782, 146839	10.2	2
37	Determining changes in new psychoactive substance use in Australia by wastewater analysis. *Science of the Total Environment*, **2020**, 731, 139209	10.2	21
36	Anabasine-based measurement of cigarette consumption using wastewater analysis. *Drug Testing and Analysis*, **2020**, 12, 1393-1398	3.5	5
35	Enantiomeric profiling of quinolones and quinolones resistance gene qnrS in European wastewaters. *Water Research*, **2020**, 175, 115653	12.5	13
34	Determination of prescribed and designer benzodiazepines and metabolites in influent wastewater. *Analytical Methods*, **2020**, 12, 3637-3644	3.2	8
33	The complexities associated with new psychoactive substances in influent wastewater: The case of 4-ethylmethcathinone. *Drug Testing and Analysis*, **2020**, 12, 1494-1500	3.5	4

32	Towards an efficient method for the extraction and analysis of cannabinoids in wastewater. *Talanta*, **2020**, 217, 121034	6.2	14
31	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. *Addiction*, **2020**, 115, 109-120	4.6	88
30	Determination of 21 synthetic cathinones, phenethylamines, amphetamines and opioids in influent wastewater using liquid chromatography coupled to tandem mass spectrometry. *Talanta*, **2020**, 208, 120479	6.2	25
29	Amphetamine dependence in Australia. *Lancet, The*, **2020**, 396, 957	40	0
28	What is the drug of choice of young festivalgoers?. *Drug and Alcohol Dependence*, **2020**, 216, 108315	4.9	2
27	A sensitive analytical method for the measurement of neurotransmitter metabolites as potential population biomarkers in wastewater. *Journal of Chromatography A*, **2020**, 1612, 460623	4.5	9
26	Simultaneous determination of 24 opioids, stimulants and new psychoactive substances in wastewater. *MethodsX*, **2019**, 6, 953-960	1.9	22
25	Investigating the appearance of new psychoactive substances in South Australia using wastewater and forensic data. *Drug Testing and Analysis*, **2019**, 11, 250-256	3.5	19
24	Harnessing the Power of the Census: Characterizing Wastewater Treatment Plant Catchment Populations for Wastewater-Based Epidemiology. *Environmental Science & Technology*, **2019**, 53, 10303-10311	10.3	35
23	LC-HRMS suspect screening to show spatial patterns of New Psychoactive Substances use in Australia. *Science of the Total Environment*, **2019**, 650, 2181-2187	10.2	42
22	Comparison of phosphodiesterase type V inhibitors use in eight European cities through analysis of urban wastewater. *Environment International*, **2018**, 115, 279-284	12.9	20
21	Investigating the correlation between wastewater analysis and roadside drug testing in South Australia. *Drug and Alcohol Dependence*, **2018**, 187, 123-126	4.9	9
20	Qualitative and quantitative temporal analysis of licit and illicit drugs in wastewater in Australia using liquid chromatography coupled to mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 529-542	4.4	35
19	Enantiomeric profiling of chiral illicit drugs in a pan-European study. *Water Research*, **2018**, 130, 151-160	12.5	69
18	UHPLC-QTOF MS screening of pharmaceuticals and their metabolites in treated wastewater samples from Athens. *Journal of Hazardous Materials*, **2017**, 323, 26-35	12.8	84
17	Wastewater-based epidemiology to assess pan-European pesticide exposure. *Water Research*, **2017**, 121, 270-279	12.5	75
16	Prediction of Collision Cross-Section Values for Small Molecules: Application to Pesticide Residue Analysis. *Analytical Chemistry*, **2017**, 89, 6583-6589	7.8	61
15	Monitoring a large number of pesticides and transformation products in water samples from Spain and Italy. *Environmental Research*, **2017**, 156, 31-38	7.9	53

14	Measuring biomarkers in wastewater as a new source of epidemiological information: Current state and future perspectives. *Environment International*, **2017**, 99, 131-150	12.9	141
13	Estimation of caffeine intake from analysis of caffeine metabolites in wastewater. *Science of the Total Environment*, **2017**, 609, 1582-1588	10.2	66
12	Liquid chromatography-tandem mass spectrometry determination of synthetic cathinones and phenethylamines in influent wastewater of eight European cities. *Chemosphere*, **2017**, 168, 1032-1041	8.4	60
11	3-Fluorophenmetrazine, a fluorinated analogue of phenmetrazine: Studies on in vivo metabolism in rat and human, in vitro metabolism in human CYP isoenzymes and microbial biotransformation in Pseudomonas Putida and wastewater using GC and LC coupled to (HR)-MS techniques. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 128, 485-495	3.5	11
10	Critical review on the stability of illicit drugs in sewers and wastewater samples. *Water Research*, **2016**, 88, 933-947	12.5	186
9	Facilitating high resolution mass spectrometry data processing for screening of environmental water samples: An evaluation of two deconvolution tools. *Science of the Total Environment*, **2016**, 569-570, 434-441	10.2	19
8	Comparison of pharmaceutical, illicit drug, alcohol, nicotine and caffeine levels in wastewater with sale, seizure and consumption data for 8 European cities. *BMC Public Health*, **2016**, 16, 1035	4.1	93
7	Increased levels of the oxidative stress biomarker 8-iso-prostaglandin F in wastewater associated with tobacco use. *Scientific Reports*, **2016**, 6, 39055	4.9	46
6	LC-QTOF MS screening of more than 1,000 licit and illicit drugs and their metabolites in wastewater and surface waters from the area of Bogot□Colombia. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 6405-16	4.4	89
5	Critical evaluation of a simple retention time predictor based on LogKow as a complementary tool in the identification of emerging contaminants in water. *Talanta*, **2015**, 139, 143-9	6.2	52
4	Screening of pharmaceuticals and illicit drugs in wastewater and surface waters of Spain and Italy by high resolution mass spectrometry using UHPLC-QTOF MS and LC-LTQ-Orbitrap MS. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 8979-88	4.4	50
3	Suspect screening of large numbers of emerging contaminants in environmental waters using artificial neural networks for chromatographic retention time prediction and high resolution mass spectrometry data analysis. *Science of the Total Environment*, **2015**, 538, 934-41	10.2	79
2	Investigation of pharmaceuticals and illicit drugs in waters by liquid chromatography-high-resolution mass spectrometry. *TrAC - Trends in Analytical Chemistry*, **2014**, 63, 140-157	14.6	98
1	Characteristics of known drug space. Natural products, their derivatives and synthetic drugs. *European Journal of Medicinal Chemistry*, **2010**, 45, 5646-52	6.8	67