

Laure Wiest

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1087263/publications.pdf>

Version: 2024-02-01

46
papers

1,749
citations

331259

21
h-index

276539

41
g-index

48
all docs

48
docs citations

48
times ranked

2187
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-residue analysis of 80 environmental contaminants in honeys, honeybees and pollens by one extraction procedure followed by liquid and gas chromatography coupled with mass spectrometric detection. <i>Journal of Chromatography A</i> , 2011, 1218, 5743-5756.	1.8	206
2	Multi-residue analysis of steroids at sub-ng/L levels in surface and ground-waters using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1210, 84-91.	1.8	177
3	Widespread Occurrence of Chemical Residues in Beehive Matrices from Apiaries Located in Different Landscapes of Western France. <i>PLoS ONE</i> , 2013, 8, e67007.	1.1	132
4	Development of a multi-residue method using acetonitrile-based extraction followed by liquid chromatography-tandem mass spectrometry for the analysis of steroids and veterinary and human drugs at trace levels in soil. <i>Journal of Chromatography A</i> , 2012, 1245, 122-133.	1.8	127
5	Multi-residue analysis and ultra-trace quantification of 36 priority substances from the European Water Framework Directive by GC-MS and LC-FLD-MS/MS in surface waters. <i>Talanta</i> , 2009, 79, 712-722.	2.9	85
6	Multiresidue method to quantify pesticides in fish muscle by QuEChERS-based extraction and LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2185-2193.	1.9	79
7	Trace level determination of pyrethroid and neonicotinoid insecticides in beebread using acetonitrile-based extraction followed by analysis with ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1316, 53-61.	1.8	79
8	Two-year survey of specific hospital wastewater treatment and its impact on pharmaceutical discharges. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9207-9218.	2.7	73
9	Multiresidue method for the determination of 13 pesticides in three environmental matrices: water, sediments and fish muscle. <i>Talanta</i> , 2011, 85, 1500-1507.	2.9	71
10	Multi-residue analysis of emerging pollutants in sediment using QuEChERS-based extraction followed by LC-MS/MS analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1259-1266.	1.9	57
11	Hospital discharges in urban sanitation systems: Long-term monitoring of wastewater resistome and microbiota in relationship to their eco-exposome. <i>Water Research X</i> , 2020, 7, 100045.	2.8	49
12	Use of passive sampling and high resolution mass spectrometry using a suspect screening approach to characterise emerging pollutants in contaminated groundwater and runoff. <i>Science of the Total Environment</i> , 2019, 672, 253-263.	3.9	45
13	Kinetic accumulation processes and models for 43 micropollutants in "pharmaceutical" POCIS. <i>Science of the Total Environment</i> , 2018, 615, 197-207.	3.9	42
14	River biofilm community changes related to pharmaceutical loads emitted by a wastewater treatment plant. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9254-9264.	2.7	35
15	MicroQuEChERS-nanoliquid chromatography-nanospray-tandem mass spectrometry for the detection and quantification of trace pharmaceuticals in benthic invertebrates. <i>Talanta</i> , 2015, 132, 796-802.	2.9	34
16	Multi-residue analysis of free and conjugated hormones and endocrine disruptors in rat testis by QuEChERS-based extraction and LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2777-2788.	1.9	33
17	Multiresidue fully automated online SPE-HPLC-MS/MS method for the quantification of endocrine-disrupting and pharmaceutical compounds at trace level in surface water. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 67-81.	1.8	33
18	Ecotoxicological risk assessment of contaminants of emerging concern identified by "suspect screening" from urban wastewater treatment plant effluents at a territorial scale. <i>Science of the Total Environment</i> , 2021, 778, 146275.	3.9	31

#	ARTICLE	IF	CITATIONS
19	Monitoring the extraction of additives and additive degradation products from polymer packaging into solutions by multi-residue method including solid phase extraction and ultra-high performance liquid chromatography-tandem mass spectrometry analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1493-1507.	1.9	30
20	Occurrence and removal of emerging pollutants in urban sewage treatment plants using LC-QToF-MS suspect screening and quantification. <i>Science of the Total Environment</i> , 2021, 774, 145779.	3.9	29
21	Bacteriome genetic structures of urban deposits are indicative of their origin and impacted by chemical pollutants. <i>Scientific Reports</i> , 2017, 7, 13219.	1.6	24
22	Priority substances in accumulated sediments in a stormwater detention basin from an industrial area. <i>Environmental Pollution</i> , 2018, 243, 1669-1678.	3.7	23
23	A posteriori assessment of ecotoxicological risks linked to building a hospital. <i>Chemosphere</i> , 2016, 144, 440-445.	4.2	22
24	The SIPIBEL project: treatment of hospital and urban wastewater in a conventional urban wastewater treatment plant. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9197-9206.	2.7	19
25	Occurrence of multi-class surfactants in urban wastewater: contribution of a healthcare facility to the pollution transported into the sewerage system. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9219-9229.	2.7	19
26	Emerging polar pollutants in groundwater: Potential impact of urban stormwater infiltration practices. <i>Environmental Pollution</i> , 2020, 266, 115387.	3.7	19
27	Aminoglycosides analysis optimization using ion pairing liquid chromatography coupled to tandem mass spectrometry and application on wastewater samples. <i>Journal of Chromatography A</i> , 2021, 1651, 462133.	1.8	19
28	A national reconnaissance for selected organic micropollutants in sediments on French territory. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11370-11379.	2.7	17
29	A multi-family offline SPE LC-MS/MS analytical method for anionic, cationic and non-ionic surfactants quantification in surface water. <i>Talanta</i> , 2021, 232, 122441.	2.9	16
30	Survey regarding the occurrence of selected organic micropollutants in the groundwaters of overseas departments. <i>Environmental Science and Pollution Research</i> , 2014, 21, 7512-7521.	2.7	15
31	Distribution of pesticides and some of their transformation products in a small lentic waterbody: Fish, water, and sediment contamination in an agricultural watershed. <i>Environmental Pollution</i> , 2022, 292, 118403.	3.7	14
32	Optimisation of pressurised liquid extraction for the ultra-trace quantification of 20 priority substances from the European Water Framework Directive in atmospheric particles by GC-MS and LC-MS/MS. <i>Analytica Chimica Acta</i> , 2011, 693, 47-53.	2.6	12
33	Incidence of hydrological, chemical, and physical constraints on bacterial pathogens, <i>Nocardia</i> cells, and fecal indicator bacteria trapped in an urban stormwater detention basin in Chassieu, France. <i>Environmental Science and Pollution Research</i> , 2018, 25, 24860-24881.	2.7	12
34	Calibration and field application of an innovative passive sampler for monitoring groundwater quality. <i>Talanta</i> , 2020, 208, 120307.	2.9	12
35	Human exposure assessment to a large set of polymer additives through the analysis of urine by solid phase extraction followed by ultra high performance liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1423, 111-123.	1.8	10
36	Improvement of the QuEChERS extraction step by matrix-dispersion effect and application on beta-lactams analysis in wastewater sludge by LC-MS/MS. <i>Talanta</i> , 2022, 237, 122923.	2.9	9

#	ARTICLE	IF	CITATIONS
37	Development of a simple multiresidue extraction method for the quantification of a wide polarity range list of pesticides and transformation products in eggs by liquid chromatography and tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1628, 461447.	1.8	6
38	Ecotoxicity and antibiotic resistance of wastewater during transport in an urban sewage network. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19991-19999.	2.7	5
39	Advantages of MS/MS/MS (MRM3) vs classic MRM quantification for complex environmental matrices: Analysis of beta-lactams in WWTP sludge. <i>Analytica Chimica Acta</i> , 2022, 1205, 339773.	2.6	5
40	A potential biomarker of androgen exposure in European bullhead (<i>Cottus sp.</i>) kidney. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 573-580.	0.9	4
41	Spatio-temporal variations in chemical pollutants found among urban deposits match changes in thiopurine S-methyltransferase-harboring bacteria tracked by the tpm metabarcoding approach. <i>Science of the Total Environment</i> , 2021, 767, 145425.	3.9	4
42	Miniaturization of an extraction protocol for the monitoring of pesticides and polar transformation products in biotic matrices. <i>Chemosphere</i> , 2021, 284, 131292.	4.2	4
43	SIPIBEL observatory: Data on usual pollutants (solids, organic matter, nutrients, ions) and micropollutants (pharmaceuticals, surfactants, metals), biological and ecotoxicity indicators in hospital and urban wastewater, in treated effluent and sludge from wastewater treatment plant, and in surface and groundwater. <i>Data in Brief</i> , 2022, 40, 107726.	0.5	4
44	Gentamicin Adsorption onto Soil Particles Prevents Overall Short-Term Effects on the Soil Microbiome and Resistome. <i>Antibiotics</i> , 2021, 10, 191.	1.5	3
45	Ultrasound-assisted sample preparation for simultaneous extraction of anionic, cationic and non-ionic surfactants in sediment. <i>Talanta</i> , 2022, 241, 123220.	2.9	2
46	Caractérisation des sédiments d'un bassin de retenue-décontamination des eaux pluviales et éléments pour la gestion. <i>Techniques - Sciences - Methodes</i> , 2018, , 65-75.	0.0	0