

# EMMA GRACIA LOR

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

3,087  
citations

159585

30  
h-index

289244

40  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence and removal of pharmaceuticals in wastewater treatment plants at the Spanish Mediterranean area of Valencia. <i>Chemosphere</i> , 2012, 87, 453-462.	8.2	351
2	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
3	Multi-class determination of around 50 pharmaceuticals, including 26 antibiotics, in environmental and wastewater samples by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 2264-2275.	3.7	180
4	Wastewater analysis to monitor use of caffeine and nicotine and evaluation of their metabolites as biomarkers for population size assessment. <i>Water Research</i> , 2015, 74, 23-33.	11.3	163
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	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
7	Application of ultra-high-pressure liquid chromatography-tandem mass spectrometry to the determination of multi-class pesticides in environmental and wastewater samples. <i>Journal of Chromatography A</i> , 2009, 1216, 1410-1420.	3.7	138
8	Simultaneous determination of acidic, neutral and basic pharmaceuticals in urban wastewater by ultra high-pressure liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010, 1217, 622-632.	3.7	133
9	Removal of emerging contaminants in sewage water subjected to advanced oxidation with ozone. <i>Journal of Hazardous Materials</i> , 2013, 260, 389-398.	12.4	113
10	Wastewater-based epidemiology to assess pan-European pesticide exposure. <i>Water Research</i> , 2017, 121, 270-279.	11.3	110
11	Refining correction factors for back-calculation of illicit drug use. <i>Science of the Total Environment</i> , 2016, 573, 1648-1659.	8.0	107
12	Multi-class determination of personal care products and pharmaceuticals in environmental and wastewater samples by ultra-high performance liquid-chromatography-tandem mass spectrometry. <i>Talanta</i> , 2012, 99, 1011-1023.	5.5	105
13	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
14	Wastewater-Based Epidemiology To Monitor Synthetic Cathinones Use in Different European Countries. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10089-10096.	10.0	83
15	Enantiomeric profiling of chiral illicit drugs in a pan-European study. <i>Water Research</i> , 2018, 130, 151-160.	11.3	83
16	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
17	Retrospective LC-QTOF-MS analysis searching for pharmaceutical metabolites in urban wastewater. <i>Journal of Separation Science</i> , 2011, 34, 3517-3526.	2.5	81
18	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. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8979-8988.	3.7	60

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19	Investigation of agreement between wastewater-based epidemiology and survey data on alcohol and nicotine use in a community. <i>Drug and Alcohol Dependence</i> , 2016, 162, 170-175.	3.2	60
20	Increased levels of the oxidative stress biomarker 8-iso-prostaglandin F <sub>2</sub> ± in wastewater associated with tobacco use. <i>Scientific Reports</i> , 2016, 6, 39055.	3.3	59
21	Drugs of abuse and alcohol consumption among different groups of population on the Greek Island of Lesbos through sewage-based epidemiology. <i>Science of the Total Environment</i> , 2016, 563-564, 633-640.	8.0	58
22	Screening new psychoactive substances in urban wastewater using high resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4297-4309.	3.7	52
23	Wastewater-Based Epidemiology as a Novel Biomonitoring Tool to Evaluate Human Exposure To Pollutants. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10224-10226.	10.0	49
24	New psychoactive substances in several European populations assessed by wastewater-based epidemiology. <i>Water Research</i> , 2021, 195, 116983.	11.3	40
25	Investigation of pesticides and their transformation products in the Júcar River Hydrographical Basin (Spain) by wide-scope high-resolution mass spectrometry screening. <i>Environmental Research</i> , 2019, 177, 108570.	7.5	36
26	Wastewater-based epidemiology for tracking human exposure to mycotoxins. <i>Journal of Hazardous Materials</i> , 2020, 382, 121108.	12.4	36
27	Enantiomeric profiling of quinolones and quinolones resistance gene qnrS in European wastewaters. <i>Water Research</i> , 2020, 175, 115653.	11.3	36
28	Flexible high resolution-mass spectrometry approach for screening new psychoactive substances in urban wastewater. <i>Science of the Total Environment</i> , 2019, 689, 679-690.	8.0	35
29	Use of legal and illegal substances in Maldives (Republic of Maldives) assessed by wastewater analysis. <i>Science of the Total Environment</i> , 2020, 698, 134207.	8.0	32
30	Assessment of human exposure to selected pesticides in Norway by wastewater analysis. <i>Science of the Total Environment</i> , 2020, 723, 138132.	8.0	32
31	Investigation of pharmaceutical metabolites in environmental waters by LC-MS/MS. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5496-5510.	5.3	28
32	Comparison of phosphodiesterase type V inhibitors use in eight European cities through analysis of urban wastewater. <i>Environment International</i> , 2018, 115, 279-284.	10.0	26
33	Toxicokinetics of new psychoactive substances: plasma protein binding, metabolic stability, and human phase I metabolism of the synthetic cannabinoid WIN 55,212± studied using <i>in vitro</i> tools and LC-MS/MS. <i>Drug Testing and Analysis</i> , 2016, 8, 1039-1048.	2.6	23
34	Monitoring caffeine and nicotine use in a nationwide study in Italy using wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2020, 747, 141331.	8.0	23
35	Illicit drug consumption in school populations measured by wastewater analysis. <i>Drug and Alcohol Dependence</i> , 2017, 178, 285-290.	3.2	22
36	Importance of MS selectivity and chromatographic separation in LC-MS/MS-based methods when investigating pharmaceutical metabolites in water. Dipyrone as a case of study. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1040-1046.	1.6	18

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37	Wastewater-based epidemiology as a novel tool to evaluate human exposure to pesticides: Triazines and organophosphates as case studies. <i>Science of the Total Environment</i> , 2021, 793, 148618.	8.0	18
38	Isotope pattern deconvolution-tandem mass spectrometry for the determination and confirmation of diclofenac in wastewaters. <i>Analytica Chimica Acta</i> , 2013, 765, 77-85.	5.4	13
39	First comprehensive study of alcohol consumption in Italy using wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2021, 776, 145863.	8.0	9
40	Application of liquid chromatography/mass spectrometry in assessment of potential use of azadirachtins (TreeAzinâ,,ç) against Asian longhorned beetle. <i>Analytical Methods</i> , 2014, 6, 8063-8071.	2.7	4