

Pablo Gago-Ferrero

List of Publications by Citations

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59
papers

2,840
citations

32
h-index

53
g-index

63
ext. papers

3,433
ext. citations

8.2
avg, IF

5.55
L-index

#	Paper	IF	Citations
59	Occurrence and spatial distribution of 158 pharmaceuticals, drugs of abuse and related metabolites in offshore seawater. <i>Science of the Total Environment</i> , 2016 , 541, 1097-1105	10.2	218
58	Extended Suspect and Non-Target Strategies to Characterize Emerging Polar Organic Contaminants in Raw Wastewater with LC-HRMS/MS. <i>Environmental Science & Technology</i> , 2015 , 49, 12333-41	10.3	194
57	An overview of UV-absorbing compounds (organic UV filters) in aquatic biota. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 2597-610	4.4	155
56	First determination of UV filters in marine mammals. Octocrylene levels in Franciscana dolphins. <i>Environmental Science & Technology</i> , 2013 , 47, 5619-25	10.3	154
55	Fully automated determination of nine ultraviolet filters and transformation products in natural waters and wastewaters by on-line solid phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1294, 106-16	4.5	110
54	UV filters bioaccumulation in fish from Iberian river basins. <i>Science of the Total Environment</i> , 2015 , 518-519, 518-25	10.2	105
53	Occurrence of multiclass UV filters in treated sewage sludge from wastewater treatment plants. <i>Chemosphere</i> , 2011 , 84, 1158-65	8.4	104
52	Analysis of UV filters in tap water and other clean waters in Spain. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 402, 2325-33	4.4	101
51	Evaluation of fungal- and photo-degradation as potential treatments for the removal of sunscreens BP3 and BP1. <i>Science of the Total Environment</i> , 2012 , 427-428, 355-63	10.2	89
50	Simultaneous determination of 148 pharmaceuticals and illicit drugs in sewage sludge based on ultrasound-assisted extraction and liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 4287-97	4.4	88
49	Urban groundwater contamination by residues of UV filters. <i>Journal of Hazardous Materials</i> , 2014 , 271, 141-9	12.8	88
48	Highly sensitive determination of 68 psychoactive pharmaceuticals, illicit drugs, and related human metabolites in wastewater by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 4273-85	4.4	83
47	Occurrence of hydrophobic organic pollutants (BFRs and UV-filters) in sediments from South America. <i>Chemosphere</i> , 2013 , 92, 309-16	8.4	83
46	Fast pressurized liquid extraction with in-cell purification and analysis by liquid chromatography tandem mass spectrometry for the determination of UV filters and their degradation products in sediments. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2195-204	4.4	83
45	Quantitative Structure-Retention Relationship Models To Support Nontarget High-Resolution Mass Spectrometric Screening of Emerging Contaminants in Environmental Samples. <i>Journal of Chemical Information and Modeling</i> , 2016 , 56, 1384-98	6.1	75
44	Toxic heritage: Maternal transfer of pyrethroid insecticides and sunscreen agents in dolphins from Brazil. <i>Environmental Pollution</i> , 2015 , 207, 391-402	9.3	73
43	Wide-scope target screening of >2000 emerging contaminants in wastewater samples with UPLC-Q-ToF-HRMS/MS and smart evaluation of its performance through the validation of 195 selected representative analytes. <i>Journal of Hazardous Materials</i> , 2020 , 387, 121712	12.8	72

42	Suspect Screening and Regulatory Databases: A Powerful Combination To Identify Emerging Micropollutants. <i>Environmental Science & Technology</i> , 2018 , 52, 6881-6894	10.3	69
41	Impact of on-site, small and large scale wastewater treatment facilities on levels and fate of pharmaceuticals, personal care products, artificial sweeteners, pesticides, and perfluoroalkyl substances in recipient waters. <i>Science of the Total Environment</i> , 2017 , 601-602, 1289-1297	10.2	67
40	Multi-residue method for trace level determination of UV filters in fish based on pressurized liquid extraction and liquid chromatography-quadrupole-linear ion trap-mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1286, 93-101	4.5	64
39	Removal of pharmaceuticals, polybrominated flame retardants and UV-filters from sludge by the fungus <i>Trametes versicolor</i> in bioslurry reactor. <i>Journal of Hazardous Materials</i> , 2012 , 233-234, 235-43	12.8	57
38	Contaminants of emerging concern in freshwater fish from four Spanish Rivers. <i>Science of the Total Environment</i> , 2019 , 659, 1186-1198	10.2	54
37	Ozonation and peroxone oxidation of benzophenone-3 in water: effect of operational parameters and identification of intermediate products. <i>Science of the Total Environment</i> , 2013 , 443, 209-17	10.2	53
36	Single and joint ecotoxicity data estimation of organic UV filters and nanomaterials toward selected aquatic organisms. Urban groundwater risk assessment. <i>Environmental Research</i> , 2016 , 145, 126-134	7.9	49
35	Multi-residue determination of 10 selected new psychoactive substances in wastewater samples by liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2015 , 144, 592-603	6.2	47
34	Reflection of Socioeconomic Changes in Wastewater: Licit and Illicit Drug Use Patterns. <i>Environmental Science & Technology</i> , 2016 , 50, 10065-72	10.3	45
33	Removal of pharmaceuticals, perfluoroalkyl substances and other micropollutants from wastewater using lignite, Xylit, sand, granular activated carbon (GAC) and GAC+Polonite in column tests - Role of physicochemical properties. <i>Water Research</i> , 2018 , 137, 97-106	12.5	43
32	Degradation of UV filters in sewage sludge and 4-MBC in liquid medium by the ligninolytic fungus <i>Trametes versicolor</i> . <i>Journal of Environmental Management</i> , 2012 , 104, 114-20	7.9	42
31	Liquid chromatography-tandem mass spectrometry for the multi-residue analysis of organic UV filters and their transformation products in the aquatic environment. <i>Analytical Methods</i> , 2013 , 5, 355-366 ²	3.2	42
30	Identification of biotransformation products of citalopram formed in activated sludge. <i>Water Research</i> , 2016 , 103, 205-214	12.5	40
29	Untargeted time-pattern analysis of LC-HRMS data to detect spills and compounds with high fluctuation in influent wastewater. <i>Journal of Hazardous Materials</i> , 2019 , 361, 19-29	12.8	36
28	Re-inoculation strategies enhance the degradation of emerging pollutants in fungal bioaugmentation of sewage sludge. <i>Bioresource Technology</i> , 2014 , 168, 180-9	11	32
27	Characterization of organic matter by HRMS in surface waters: Effects of chlorination on molecular fingerprints and correlation with DBP formation potential. <i>Water Research</i> , 2020 , 176, 115743	12.5	24
26	Photobioreactors based on microalgae-bacteria and purple phototrophic bacteria consortia: A promising technology to reduce the load of veterinary drugs from piggery wastewater. <i>Science of the Total Environment</i> , 2019 , 692, 259-266	10.2	23
25	Wide-scope screening of polar contaminants of concern in water: A critical review of liquid chromatography-high resolution mass spectrometry-based strategies. <i>Trends in Environmental Analytical Chemistry</i> , 2020 , 28, e00102	12	22

24	Unraveling the chemodiversity of halogenated disinfection by-products formed during drinking water treatment using target and non-target screening tools. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123681	12.8	19
23	Impact of on-site wastewater infiltration systems on organic contaminants in groundwater and recipient waters. <i>Science of the Total Environment</i> , 2019 , 651, 1670-1679	10.2	18
22	Nontarget Analysis of Environmental Samples Based on Liquid Chromatography Coupled to High Resolution Mass Spectrometry (LC-HRMS). <i>Comprehensive Analytical Chemistry</i> , 2016 , 71, 381-403	1.9	15
21	Suspect screening based on market data of polar halogenated micropollutants in river water affected by wastewater. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123377	12.8	15
20	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	12
19	Development and Application of Liquid Chromatographic Retention Time Indices in HRMS-Based Suspect and Nontarget Screening. <i>Analytical Chemistry</i> , 2021 , 93, 11601-11611	7.8	11
18	Laboratory-scale and pilot-scale stabilization and solidification (S/S) remediation of soil contaminated with per- and polyfluoroalkyl substances (PFASs). <i>Journal of Hazardous Materials</i> , 2021 , 402, 123453	12.8	9
17	Showcasing the potential of wastewater-based epidemiology to track pharmaceuticals consumption in cities: Comparison against prescription data collected at fine spatial resolution. <i>Environment International</i> , 2021 , 150, 106404	12.9	8
16	Evaluation of five filter media in column experiment on the removal of selected organic micropollutants and phosphorus from household wastewater. <i>Journal of Environmental Management</i> , 2019 , 246, 920-928	7.9	7
15	Identification of organic contaminants in vinasse and in soil and groundwater from fertigated sugarcane crop areas using target and suspect screening strategies. <i>Science of the Total Environment</i> , 2021 , 761, 143237	10.2	7
14	Non-target and suspect screening strategies for electro-dialytic soil remediation evaluation: Assessing changes in the molecular fingerprints and per- and polyfluoroalkyl substances (PFASs). <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104437	6.8	6
13	Effect-based assessment of recipient waters impacted by on-site, small scale, and large scale waste water treatment facilities - combining passive sampling with in vitro bioassays and chemical analysis. <i>Scientific Reports</i> , 2018 , 8, 17200	4.9	6
12	Benzosulfonamides in wastewater: method development, occurrence and removal efficiencies. <i>Chemosphere</i> , 2015 , 119 Suppl, S21-7	8.4	5
11	A step forward in the detection of byproducts of anthropogenic organic micropollutants in chlorinated water. <i>Trends in Environmental Analytical Chemistry</i> , 2021 , 32, e00148	12	4
10	The relevant role of ion mobility separation in LC-HRMS based screening strategies for contaminants of emerging concern in the aquatic environment. <i>Chemosphere</i> , 2021 , 280, 130799	8.4	4
9	Ozonation as an Advanced Treatment Technique for the Degradation of Personal Care Products in Water. <i>Handbook of Environmental Chemistry</i> , 2014 , 375-397	0.8	3
8	Identification of Pesticide Transformation Products in Surface Water Using Suspect Screening Combined with National Monitoring Data. <i>Environmental Science & Technology</i> , 2021 , 55, 10343-10353	10.3	3
7	Fungal-Mediated Biodegradation of Ingredients in Personal Care Products. <i>Handbook of Environmental Chemistry</i> , 2014 , 295-317	0.8	1

6	Pressurized Liquid Extraction (PLE) and QuEChERS evaluation for the analysis of antibiotics in agricultural soils. <i>MethodsX</i> , 2020 , 7, 101171	1.9	1
5	Development of a sensitive analytical method for the simultaneous analysis of Benzophenone-type UV filters and paraben preservatives in umbilical cord blood. <i>MethodsX</i> , 2021 , 8, 101307	1.9	1
4	A protocol for wide-scope non-target analysis of contaminants in small amounts of biota using bead beating tissuelyser extraction and LC-HRMS. <i>MethodsX</i> , 2021 , 8, 101193	1.9	0
3	Are preserved coastal water bodies in Spanish Mediterranean basin impacted by human activity? Water quality evaluation using chemical and biological analyses. <i>Environment International</i> , 2022 , 107326 ^{12.9}		0
2	Suspect and Non-target Screening Methodologies for the Evaluation of the Behaviour of Polar Organic Micropollutants and Changes in the Molecule Fingerprint During Water Treatment. <i>Handbook of Environmental Chemistry</i> , 2020 , 97-117	0.8	
1	Analysis and Occurrence of Personal Care Products in Biota Samples. <i>Handbook of Environmental Chemistry</i> , 2014 , 263-291	0.8	