

Pablo A Lara-Martín

List of Publications by Year in descending order

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83
papers

3,735
citations

101496
36
h-index

133188
59
g-index

83
all docs

83
docs citations

83
times ranked

3918
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence, distribution and environmental risk of pharmaceutically active compounds (PhACs) in coastal and ocean waters from the Gulf of Cadiz (SW Spain). <i>Science of the Total Environment</i> , 2018, 612, 649-659.	3.9	218
2	Degradation kinetics of pharmaceuticals and personal care products in surface waters: photolysis vs biodegradation. <i>Science of the Total Environment</i> , 2017, 590-591, 643-654.	3.9	179
3	Removal of pharmaceuticals in urban wastewater: High rate algae pond (HRAP) based technologies as an alternative to activated sludge based processes. <i>Water Research</i> , 2018, 139, 19-29.	5.3	166
4	Monitoring the occurrence of pharmaceuticals in soils irrigated with reclaimed wastewater. <i>Environmental Pollution</i> , 2018, 235, 312-321.	3.7	152
5	Occurrence, distribution and partitioning of nonionic surfactants and pharmaceuticals in the urbanized Long Island Sound Estuary (NY). <i>Marine Pollution Bulletin</i> , 2014, 85, 710-719.	2.3	133
6	Distribution, mass inventories, and ecological risk assessment of legacy and emerging contaminants in sediments from the Pearl River Estuary in China. <i>Journal of Hazardous Materials</i> , 2017, 323, 128-138.	6.5	133
7	Bioavailability, oxidative stress, neurotoxicity and genotoxicity of pharmaceuticals bound to marine sediments. The use of the polychaete <i>Hediste diversicolor</i> as bioindicator species. <i>Environmental Research</i> , 2014, 134, 353-365.	3.7	108
8	Atmospheric pressure gas chromatography–time-of-flight-mass spectrometry (APGC–ToF-MS) for the determination of regulated and emerging contaminants in aqueous samples after stir bar sorptive extraction (SBSE). <i>Analytica Chimica Acta</i> , 2014, 851, 1-13.	2.6	105
9	Environmentally friendly analysis of emerging contaminants by pressurized hot water extraction–stir bar sorptive extraction–derivatization and gas chromatography–mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 401-411.	1.9	91
10	In-cell clean-up pressurized liquid extraction and gas chromatography–tandem mass spectrometry determination of hydrophobic persistent and emerging organic pollutants in coastal sediments. <i>Journal of Chromatography A</i> , 2016, 1429, 107-118.	1.8	88
11	Photolysis of Antibiotics under Simulated Sunlight Irradiation: Identification of Photoproducts by High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2017, 51, 3148-3156.	4.6	84
12	Removal of personal care products (PCPs) in wastewater and sludge treatment and their occurrence in receiving soils. <i>Water Research</i> , 2019, 150, 129-139.	5.3	84
13	Occurrence of 40 pharmaceutically active compounds in hospital and urban wastewaters and their contribution to Mahdia coastal seawater contamination. <i>Environmental Science and Pollution Research</i> , 2020, 27, 1941-1955.	2.7	84
14	Development of a method for the simultaneous analysis of anionic and non-ionic surfactants and their carboxylated metabolites in environmental samples by mixed-mode liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1137, 188-197.	1.8	81
15	Sources, transport and reactivity of anionic and non-ionic surfactants in several aquatic ecosystems in SW Spain: A comparative study. <i>Environmental Pollution</i> , 2008, 156, 36-45.	3.7	79
16	Simultaneous extraction and determination of anionic surfactants in waters and sediments. <i>Journal of Chromatography A</i> , 2006, 1114, 205-210.	1.8	77
17	Environmental risk assessment of effluents as a whole emerging contaminant: Efficiency of alternative tertiary treatments for wastewater depuration. <i>Water Research</i> , 2017, 119, 136-149.	5.3	77
18	Determining the distribution of triclosan and methyl triclosan in estuarine settings. <i>Chemosphere</i> , 2014, 95, 478-485.	4.2	75

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19	Sorption and degradation of contaminants of emerging concern in soils under aerobic and anaerobic conditions. <i>Science of the Total Environment</i> , 2019, 666, 662-671.	3.9	74
20	Multi-residue method for the analysis of synthetic surfactants and their degradation metabolites in aquatic systems by liquid chromatography–time-of-flight-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 4799-4807.	1.8	71
21	Anaerobic Degradation Pathway of Linear Alkylbenzene Sulfonates (LAS) in Sulfate-Reducing Marine Sediments. <i>Environmental Science & Technology</i> , 2010, 44, 1670-1676.	4.6	63
22	Presence of surfactants and their degradation intermediates in sediment cores and grabs from the Cadiz Bay area. <i>Environmental Pollution</i> , 2006, 144, 483-491.	3.7	62
23	Suspect Screening of Hydrocarbon Surfactants in AFFFs and AFFF-Contaminated Groundwater by High-Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2019, 53, 8068-8077.	4.6	59
24	Occurrence of Alkyltrimethylammonium Compounds in Urban Estuarine Sediments: Behentrimonium As a New Emerging Contaminant. <i>Environmental Science & Technology</i> , 2010, 44, 7569-7575.	4.6	58
25	Geochronologies of Pharmaceuticals in a Sewage-Impacted Estuarine Urban Setting (Jamaica Bay, New York). <i>Environmental Science & Technology</i> , 2019, 53, 10784-10794.	4.6	54
26	Occurrence and spatial distribution of emerging contaminants in the unsaturated zone. Case study: Guadalete River basin (Cadiz, Spain). <i>Chemosphere</i> , 2015, 119, S131-S137.	4.2	53
27	Distribution and fate of legacy and emerging contaminants along the Adriatic Sea: A comparative study. <i>Environmental Pollution</i> , 2016, 218, 1055-1064.	3.7	51
28	Tracing Urban Wastewater Contaminants into the Atlantic Ocean by Nontarget Screening. <i>Environmental Science & Technology</i> , 2020, 54, 3996-4005.	4.6	50
29	Anaerobic Degradation of Linear Alkylbenzene Sulfonates in Coastal Marine Sediments. <i>Environmental Science & Technology</i> , 2007, 41, 3573-3579.	4.6	49
30	Determining the distribution of pharmaceutically active compounds (PhACs) in soils and sediments by pressurized hot water extraction (PHWE). <i>Chemosphere</i> , 2017, 185, 1001-1010.	4.2	45
31	Occurrence and spatial distribution of legacy and emerging organic pollutants in marine sediments from the Atlantic coast (Andalusia, SW Spain). <i>Science of the Total Environment</i> , 2017, 605-606, 980-994.	3.9	43
32	Target and suspect screening analysis reveals persistent emerging organic contaminants in soils and sediments. <i>Science of the Total Environment</i> , 2020, 740, 140181.	3.9	41
33	Environmental analysis of alcohol ethoxylates and nonylphenol ethoxylate metabolites by ultra-performance liquid chromatography–tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 2359-2368.	1.9	39
34	Determination of silicone rubber and low-density polyethylene diffusion and polymer/water partition coefficients for emerging contaminants. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2162-2172.	2.2	38
35	Distribution and diagenetic fate of synthetic surfactants and their metabolites in sewage-impacted estuarine sediments. <i>Environmental Pollution</i> , 2018, 242, 209-218.	3.7	38
36	Reactivity and fate of synthetic surfactants in aquatic environments. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 684-695.	5.8	37

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37	Tracking sewage derived contamination in riverine settings by analysis of synthetic surfactants. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2010.	2.1	37
38	Removal of linear alkylbenzene sulfonates and their degradation intermediates at low temperatures during activated sludge treatment. <i>Chemosphere</i> , 2006, 64, 1157-1166.	4.2	35
39	Determination of Pharmaceuticals in Coastal Systems Using Solid Phase Extraction (SPE) Followed by Ultra Performance Liquid Chromatography – tandem Mass Spectrometry (UPLC-MS/MS). <i>Current Analytical Chemistry</i> , 2016, 12, 183-201.	0.6	34
40	Are the TiO ₂ NPs a “Trojan horse” for personal care products (PCPs) in the clam <i>Ruditapes philippinarum</i> ? <i>Chemosphere</i> , 2017, 185, 192-204.	4.2	33
41	A Candidate Short-Term Toxicity Test Using <i>Ampelisca brevicornis</i> to Assess Sublethal Responses to Pharmaceuticals Bound to Marine Sediments. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 68, 237-258.	2.1	32
42	Distribution of anionic and nonionic surfactants in a sewage-impacted Mediterranean coastal lagoon: Inputs and seasonal variations. <i>Science of the Total Environment</i> , 2015, 503-504, 87-96.	3.9	32
43	Microbial community composition of anoxic marine sediments in the Bay of Cádiz (Spain). <i>International Microbiology</i> , 2011, 14, 143-54.	1.1	30
44	DETERMINATION AND DISTRIBUTION OF ALKYL ETHOXY SULFATES AND LINEAR ALKYL BENZENE SULFONATES IN COASTAL MARINE SEDIMENTS FROM THE BAY OF CADIZ (SOUTHWEST OF SPAIN). <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2196.	2.2	29
45	Historical sedimentary deposition and flux of PAHs, PCBs and DDTs in sediment cores from the western Adriatic Sea. <i>Chemosphere</i> , 2020, 241, 125029.	4.2	27
46	Are WWTPs effluents responsible for acute toxicity? Seasonal variations of sediment quality at the Bay of Cádiz (SW, Spain). <i>Ecotoxicology</i> , 2015, 24, 368-380.	1.1	26
47	Influence of the hydrophilic moiety of anionic and nonionic surfactants on their aerobic biodegradation in seawater. <i>Science of the Total Environment</i> , 2010, 408, 922-930.	3.9	25
48	Determination and occurrence of secondary alkane sulfonates (SAS) in aquatic environments. <i>Environmental Pollution</i> , 2013, 176, 151-157.	3.7	25
49	Analysis of alcohol polyethoxylates and polyethylene glycols in marine sediments. <i>Talanta</i> , 2013, 110, 171-179.	2.9	25
50	Sources and trends of artificial sweeteners in coastal waters in the bay of Cadiz (NE Atlantic). <i>Marine Pollution Bulletin</i> , 2018, 135, 607-616.	2.3	25
51	Effects of exposure to pharmaceuticals (diclofenac and carbamazepine) spiked sediments in the midge, <i>Chironomus riparius</i> (Diptera, Chironomidae). <i>Science of the Total Environment</i> , 2017, 609, 715-723.	3.9	23
52	Solvent bar micro-extraction (SBME) based determination of PAHs in seawater samples. <i>Science of the Total Environment</i> , 2017, 598, 58-63.	3.9	22
53	Passive Samplers vs Sentinel Organisms: One-Year Monitoring of Priority and Emerging Contaminants in Coastal Waters. <i>Environmental Science & Technology</i> , 2020, 54, 6693-6702.	4.6	21
54	Stress under the sun: Effects of exposure to low concentrations of UV-filter 4-methylbenzylidene camphor (4-MBC) in a marine bivalve filter feeder, the Manila clam <i>Ruditapes philippinarum</i> . <i>Aquatic Toxicology</i> , 2020, 221, 105418.	1.9	21

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55	Monitoring the Primary Biodegradation of Linear Alkylbenzene Sulfonates and Their Coproducts in Anoxic Sediments Using Liquid Chromatography-Mass Spectrometry. <i>Environmental Science & Technology</i> , 2007, 41, 3580-3586.	4.6	20
56	New extraction method for the analysis of linear alkylbenzene sulfonates in marine organisms. <i>Journal of Chromatography A</i> , 2004, 1052, 33-38.	1.8	17
57	Anaerobic degradation of alcohol ethoxylates and polyethylene glycols in marine sediments. <i>Science of the Total Environment</i> , 2016, 544, 118-124.	3.9	17
58	Pressurized liquid extraction followed by liquid chromatography-mass spectrometry for the determination of major surfactants in marine sediments. <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 293-303.	1.8	16
59	Avoidance behaviour of the shrimp <i>Palaemon varians</i> regarding a contaminant gradient of galaxolide and tonalide in seawater. <i>Chemosphere</i> , 2019, 232, 113-120.	4.2	16
60	Multi-omic approach to evaluate the response of gilt-head sea bream (<i>Sparus aurata</i>) exposed to the UV filter sulisobenzone. <i>Science of the Total Environment</i> , 2022, 803, 150080.	3.9	16
61	Reactivity and fate of secondary alkane sulfonates (SAS) in marine sediments. <i>Environmental Pollution</i> , 2014, 189, 35-42.	3.7	15
62	Chemical and microbiological characterization of cruise vessel wastewater discharges under repair conditions. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 68-75.	2.9	15
63	Presence, biotransformation and effects of sulfophenylcarboxylic acids in the benthic fish <i>Solea senegalensis</i> . <i>Environment International</i> , 2007, 33, 565-570.	4.8	14
64	Effects of novobiocin and methotrexate on the benthic amphipod <i>Ampelisca brevicornis</i> exposed to spiked sediments. <i>Marine Environmental Research</i> , 2016, 122, 169-177.	1.1	14
65	Risk of triclosan based on avoidance by the shrimp <i>Palaemon varians</i> in a heterogeneous contamination scenario: How sensitive is this approach?. <i>Chemosphere</i> , 2019, 235, 126-135.	4.2	14
66	Emerging contaminants and priority substances in marine sediments from Cartagena Bay and the Grand Marsh of Santa Marta (Ramsar site), Colombia. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 596.	1.3	14
67	Disturbance of ecological habitat distribution driven by a chemical barrier of domestic and agricultural discharges: An experimental approach to test habitat fragmentation. <i>Science of the Total Environment</i> , 2019, 651, 2820-2829.	3.9	13
68	Distribution of organic pollutants in coastal sediments of Cádiz Bay (SW Spain). <i>Ciencias Marinas</i> , 2005, 31, 203-212.	0.4	12
69	Evaluation of the anaerobic biodegradation of linear alkylbenzene sulfonates (LAS) using OECD 308 water/sediment systems. <i>Journal of Hazardous Materials</i> , 2018, 360, 24-31.	6.5	11
70	Mobility of contaminants of emerging concern in soil column experiments. <i>Science of the Total Environment</i> , 2021, 762, 144102.	3.9	11
71	Vertical distribution profiles and diagenetic fate of synthetic surfactants in marine and freshwater sediments. <i>Science of the Total Environment</i> , 2013, 461-462, 568-575.	3.9	10
72	Partitioning of alcohol ethoxylates and polyethylene glycols in the marine environment: Field samplings vs laboratory experiments. <i>Science of the Total Environment</i> , 2014, 490, 671-678.	3.9	9

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73	Biochemical responses of <i>Solea senegalensis</i> after continuous flow exposure to urban effluents. <i>Science of the Total Environment</i> , 2018, 615, 486-497.	3.9	9
74	Seasonal changes in the concentration of anionic surfactants in estuarine sediments from the River Guadalete (Cadiz, Spain). <i>Scientia Marina</i> , 2010, 74, 125-131.	0.3	9
75	Synthetic surfactants in Swiss sewage sludges: Analytical challenges, concentrations and per capita loads. <i>Science of the Total Environment</i> , 2022, 808, 151361.	3.9	8
76	Structural control of the non-ionic surfactant alcohol ethoxylates (AEOs) on transport in natural soils. <i>Environmental Pollution</i> , 2021, 269, 116021.	3.7	4
77	Persistent organic pollutants and contaminants of emerging concern in spinner dolphins (<i>Stenella Tj</i> ETQq1 1 0.784314 rgBT /Overl	2.3	4
78	Assessment of the aerobic and anaerobic biodegradation of contaminants of emerging concern in sludge using batch reactors. <i>Environmental Science and Pollution Research</i> , 2022, 29, 84946-84961.	2.7	3
79	Enhanced efficiency of a chemically modified hyperbranched Kraft lignin in the removal of pharmaceuticals from water at low microgram per liter levels. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106244.	3.3	2
80	Aerobic biodegradation of linear alkylbenzene sulfonates and sulfophenylcarboxylic acids for different salinity values by means of continuous assays. <i>Environmental Monitoring and Assessment</i> , 2010, 162, 417-425.	1.3	1
81	Diagenetic behavior of synthetic surfactants in marine sediments: Field studies vs. laboratory tests. <i>Diqiu Huaxue</i> , 2006, 25, 180-180.	0.5	0
82	Point and diffuse sources of pharmaceuticals in coastal zones. , 2021, , 1-25.		0
83	The antibacterials ciprofloxacin, trimethoprim and sulfadiazine modulate gene expression, biomarkers and metabolites associated with stress and growth in gilthead sea bream (<i>Sparus aurata</i>).. <i>Aquatic Toxicology</i> , 2022, 250, 106243.	1.9	0