

Josep

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/20544/publications.pdf>

Version: 2024-02-01

290
papers

17,824
citations

8181

76
h-index

20961

115
g-index

294
all docs

294
docs citations

294
times ranked

13595
citing authors

#	ARTICLE	IF	CITATIONS
1	The potential implications of reclaimed wastewater reuse for irrigation on the agricultural environment: The knowns and unknowns of the fate of antibiotics and antibiotic resistant bacteria and resistance genes – A review. <i>Water Research</i> , 2017, 123, 448-467.	11.3	400
2	Contaminant Removal Processes in Subsurface-Flow Constructed Wetlands: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2010, 40, 561-661.	12.8	399
3	Assessment of fecal sterols and ketones as indicators of urban sewage inputs to coastal waters. <i>Environmental Science & Technology</i> , 1990, 24, 357-363.	10.0	372
4	Capability of microalgae-based wastewater treatment systems to remove emerging organic contaminants: A pilot-scale study. <i>Journal of Hazardous Materials</i> , 2015, 288, 34-42.	12.4	346
5	Organic micropollutant removal in a full-scale surface flow constructed wetland fed with secondary effluent. <i>Water Research</i> , 2008, 42, 653-660.	11.3	305
6	Elimination of Pharmaceuticals and Personal Care Products in Subsurface Flow Constructed Wetlands. <i>Environmental Science & Technology</i> , 2006, 40, 5811-5816.	10.0	298
7	Aliphatic and Polycyclic Aromatic Hydrocarbons and Sulfur/Oxygen Derivatives in Northwestern Mediterranean Sediments: A Spatial and Temporal Variability, Fluxes, and Budgets. <i>Environmental Science & Technology</i> , 1996, 30, 2495-2503.	10.0	263
8	Organotin contamination in sediments from the Western Mediterranean enclosures following 10 years of TBT regulation. <i>Water Research</i> , 2002, 36, 905-918.	11.3	255
9	Assessment of the mechanisms involved in the removal of emerging contaminants by microalgae from wastewater: a laboratory scale study. <i>Journal of Hazardous Materials</i> , 2016, 301, 197-205.	12.4	246
10	Removal of Pharmaceuticals and Personal Care Products (PPCPs) from Urban Wastewater in a Pilot Vertical Flow Constructed Wetland and a Sand Filter. <i>Environmental Science & Technology</i> , 2007, 41, 8171-8177.	10.0	224
11	Comprehensive assessment of the design configuration of constructed wetlands for the removal of pharmaceuticals and personal care products from urban wastewaters. <i>Water Research</i> , 2010, 44, 3669-3678.	11.3	224
12	Assessment of full-scale natural systems for the removal of PPCPs from wastewater in small communities. <i>Water Research</i> , 2010, 44, 1429-1439.	11.3	208
13	Preliminary screening of small-scale domestic wastewater treatment systems for removal of pharmaceutical and personal care products. <i>Water Research</i> , 2009, 43, 55-62.	11.3	205
14	Effect of key design parameters on the efficiency of horizontal subsurface flow constructed wetlands. <i>Ecological Engineering</i> , 2005, 25, 405-418.	3.6	195
15	Emerging organic contaminant removal in a full-scale hybrid constructed wetland system for wastewater treatment and reuse. <i>Ecological Engineering</i> , 2015, 80, 108-116.	3.6	167
16	Spatial and temporal distribution of dissolved/dispersed aromatic hydrocarbons in seawater in the area affected by the Prestige oil spill. <i>Marine Pollution Bulletin</i> , 2006, 53, 250-259.	5.0	164
17	Spatial and temporal distribution, fluxes, and budgets of organochlorinated compounds in Northwest Mediterranean sediments. <i>Environmental Science & Technology</i> , 1995, 29, 2519-2527.	10.0	160
18	Sources, Distribution, and Water Column Processes of Aliphatic and Polycyclic Aromatic Hydrocarbons in the Northwestern Black Sea Water. <i>Environmental Science & Technology</i> , 1999, 33, 2693-2702.	10.0	159

#	ARTICLE	IF	CITATIONS
19	Initial contaminant removal performance factors in horizontal flow reed beds used for treating urban wastewater. <i>Water Research</i> , 2004, 38, 1669-1678.	11.3	158
20	Behavior of Selected Pharmaceuticals in Subsurface Flow Constructed Wetlands: A Pilot-Scale Study. <i>Environmental Science & Technology</i> , 2005, 39, 5449-5454.	10.0	155
21	Screening of 47 organic microcontaminants in agricultural irrigation waters and their soil loading. <i>Water Research</i> , 2011, 45, 221-231.	11.3	152
22	Monitoring the photochemical degradation of triclosan in wastewater by UV light and sunlight using solid-phase microextraction. <i>Chemosphere</i> , 2006, 65, 1338-1347.	8.2	150
23	Bioassay-directed chemical analysis of genotoxic components in coastal sediments. <i>Environmental Science & Technology</i> , 1992, 26, 817-829.	10.0	149
24	Photodegradation of Carbamazepine, Ibuprofen, Ketoprofen and 17 β -Ethinylestradiol in Fresh and Seawater. <i>Water, Air, and Soil Pollution</i> , 2009, 196, 161-168.	2.4	149
25	Determination of methylmercury in fish and river water samples using in situ sodium tetraethylborate derivatization following by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1995, 696, 113-122.	3.7	146
26	Assessment of photochemical processes in marine oil spill fingerprinting. <i>Marine Pollution Bulletin</i> , 2014, 79, 268-277.	5.0	143
27	Mass budget and dynamics of polycyclic aromatic hydrocarbons in the Mediterranean Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 881-905.	1.4	142
28	Assessment of the pharmaceutical active compounds removal in wastewater treatment systems at enantiomeric level. Ibuprofen and naproxen. <i>Chemosphere</i> , 2009, 75, 200-205.	8.2	138
29	Emerging organic contaminant removal depending on primary treatment and operational strategy in horizontal subsurface flow constructed wetlands: Influence of redox. <i>Water Research</i> , 2013, 47, 315-325.	11.3	138
30	Assessing human exposure to phthalic acid and phthalate esters from mineral water stored in polyethylene terephthalate and glass bottles. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008, 25, 511-518.	2.3	136
31	Behaviour of pharmaceutical products and biodegradation intermediates in horizontal subsurface flow constructed wetland. A microcosm experiment. <i>Science of the Total Environment</i> , 2008, 394, 171-176.	8.0	131
32	Pilot survey of a broad range of priority pollutants in sediment and fish from the Ebro river basin (NE Tj ETQq0 0 0 rgBT /Overlock 10 Tf	7.5	127
33	Ranking of crop plants according to their potential to uptake and accumulate contaminants of emerging concern. <i>Environmental Research</i> , 2019, 170, 422-432.	7.5	127
34	Spatial, Vertical Distribution and Budget of Polycyclic Aromatic Hydrocarbons in the Western Mediterranean Seawater. <i>Environmental Science & Technology</i> , 1997, 31, 682-688.	10.0	126
35	Development of a Solid-Phase Microextraction GC-NPD Procedure for the Determination of Free Volatile Amines in Wastewater and Sewage-Polluted Waters. <i>Analytical Chemistry</i> , 1999, 71, 3531-3537.	6.5	123
36	Organic contaminant loads into the Western Mediterranean Sea: Estimate of Ebro River inputs. <i>Chemosphere</i> , 2006, 65, 224-236.	8.2	121

#	ARTICLE	IF	CITATIONS
37	Attenuation of emerging organic contaminants in a hybrid constructed wetland system under different hydraulic loading rates and their associated toxicological effects in wastewater. <i>Science of the Total Environment</i> , 2014, 470-471, 1272-1280.	8.0	117
38	Estimate of uptake and translocation of emerging organic contaminants from irrigation water concentration in lettuce grown under controlled conditions. <i>Journal of Hazardous Materials</i> , 2016, 305, 139-148.	12.4	116
39	Occurrence and potential crop uptake of emerging contaminants and related compounds in an agricultural irrigation network. <i>Science of the Total Environment</i> , 2011, 412-413, 14-19.	8.0	115
40	Capacity of a horizontal subsurface flow constructed wetland system for the removal of emerging pollutants: An injection experiment. <i>Chemosphere</i> , 2010, 81, 1137-1142.	8.2	113
41	Part-per-Trillion Determination of Pharmaceuticals, Pesticides, and Related Organic Contaminants in River Water by Solid-Phase Extraction Followed by Comprehensive Two-Dimensional Gas Chromatography Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 699-706.	6.5	113
42	Resolution and Quantification of Complex Mixtures of Polycyclic Aromatic Hydrocarbons in Heavy Fuel Oil Sample by Means of GC-MS-TOFMS Combined to Multivariate Curve Resolution. <i>Analytical Chemistry</i> , 2011, 83, 9289-9297.	6.5	113
43	Development of a headspace solid-phase microextraction procedure for the determination of free volatile fatty acids in waste waters. <i>Journal of Chromatography A</i> , 2000, 873, 107-115.	3.7	106
44	Removal of priority pollutants from water by means of dielectric barrier discharge atmospheric plasma. <i>Journal of Hazardous Materials</i> , 2013, 262, 664-673.	12.4	106
45	Chemical composition of environmental tobacco smoke. 1. Gas-phase acids and bases. <i>Environmental Science & Technology</i> , 1989, 23, 679-687.	10.0	103
46	PREDICTING SINGLE AND MIXTURE TOXICITY OF PETROGENIC POLYCYCLIC AROMATIC HYDROCARBONS TO THE COPEPOD OITHONA DAVISAE. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2992.	4.3	103
47	Behaviour of pharmaceuticals and personal care products in constructed wetland compartments: Influent, effluent, pore water, substrate and plant roots. <i>Chemosphere</i> , 2016, 145, 508-517.	8.2	103
48	Vertical fluxes of polycyclic aromatic hydrocarbons and organochlorine compounds in the western Alboran Sea (southwestern Mediterranean). <i>Marine Chemistry</i> , 1996, 52, 75-86.	2.3	102
49	Screening ecological risk assessment of persistent organic pollutants in Mediterranean sea sediments. <i>Environment International</i> , 2007, 33, 867-876.	10.0	102
50	Survey of organotin compounds in rivers and coastal environments in Portugal 1999-2000. <i>Environmental Pollution</i> , 2005, 136, 525-536.	7.5	101
51	Assessment of the Mediterranean sediments contamination by persistent organic pollutants. <i>Environmental Pollution</i> , 2007, 148, 396-408.	7.5	101
52	Temporal evolution in PPCP removal from urban wastewater by constructed wetlands of different configuration: A medium-term study. <i>Chemosphere</i> , 2012, 88, 161-167.	8.2	101
53	Hair mercury levels in an urban population from southern Italy: Fish consumption as a determinant of exposure. <i>Environment International</i> , 2008, 34, 162-167.	10.0	100
54	Uptake of Organic Emergent Contaminants in Spath and Lettuce: An In Vitro Experiment. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2000-2007.	5.2	98

#	ARTICLE	IF	CITATIONS
55	THE PRESTIGE OIL SPILL. I. BIODEGRADATION OF A HEAVY FUEL OIL UNDER SIMULATED CONDITIONS. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2203.	4.3	97
56	Spatial distribution and ecotoxicity of petroleum hydrocarbons in sediments from the Galicia continental shelf (NW Spain) after the Prestige oil spill. <i>Marine Pollution Bulletin</i> , 2006, 53, 260-271.	5.0	97
57	Distribution of polycyclic aromatic hydrocarbons (PAHs) and tributyltin (TBT) in Barcelona harbour sediments and their impact on benthic communities. <i>Environmental Pollution</i> , 2007, 149, 104-113.	7.5	97
58	In situ Derivatization and Supercritical Fluid Extraction for the Simultaneous Determination of Butyltin and Phenyltin Compounds in Sediment. <i>Analytical Chemistry</i> , 1994, 66, 1161-1167.	6.5	95
59	Evaluation of PPCPs removal in a combined anaerobic digester-constructed wetland pilot plant treating urban wastewater. <i>Chemosphere</i> , 2011, 84, 1200-1207.	8.2	95
60	Emerging organic contaminants in vertical subsurface flow constructed wetlands: Influence of media size, loading frequency and use of active aeration. <i>Science of the Total Environment</i> , 2014, 494-495, 211-217.	8.0	95
61	Spatial and temporal trends of petroleum hydrocarbons in wild mussels from the Galician coast (NW Tj ETQq1 1 0.784314 rgBT /Ove	8.0	93
62	Determination of perfluorocarboxylic acids in aqueous matrices by ion-pair solid-phase microextractionâ€“in-port derivatizationâ€“gas chromatographyâ€“negative ion chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1042, 155-162.	3.7	89
63	Organotin speciation in aquatic matrices by CGC/FPD, ECD and MS, and LC/MS. <i>Fresenius' Journal of Analytical Chemistry</i> , 1991, 339, 646-653.	1.5	86
64	PrestigeOil Spill. III. Fate of a Heavy Oil in the Marine Environment. <i>Environmental Science & Technology</i> , 2007, 41, 3075-3082.	10.0	86
65	Behavior of selected priority organic pollutants in horizontal subsurface flow constructed wetlands: A preliminary screening. <i>Chemosphere</i> , 2007, 69, 1374-1380.	8.2	85
66	Water quality improvement in a full-scale tertiary constructed wetland: Effects on conventional and specific organic contaminants. <i>Science of the Total Environment</i> , 2009, 407, 2517-2524.	8.0	85
67	ThePrestigeOil Spill. 2. Enhanced Biodegradation of a Heavy Fuel Oil under Field Conditions by the Use of an Oleophilic Fertilizer. <i>Environmental Science & Technology</i> , 2006, 40, 2578-2585.	10.0	84
68	Characterization of benzothiazoles, benzotriazoles and benzosulfonamides in aqueous matrixes by solid-phase extraction followed by comprehensive two-dimensional gas chromatography coupled to time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 4013-4019.	3.7	84
69	Antibiotic resistance gene distribution in agricultural fields and crops. A soil-to-food analysis. <i>Environmental Research</i> , 2019, 177, 108608.	7.5	84
70	Occurrence and fate of benzothiazoles and benzotriazoles in constructed wetlands. <i>Water Science and Technology</i> , 2010, 61, 191-198.	2.5	81
71	Chemical composition of environmental tobacco smoke. 2. Particulate-phase compounds. <i>Environmental Science & Technology</i> , 1989, 23, 688-699.	10.0	80
72	Photolysis of PAHs in aqueous phase by UV irradiation. <i>Chemosphere</i> , 2001, 44, 119-124.	8.2	80

#	ARTICLE	IF	CITATIONS
73	Fast solid-phase extractionâ€“gas chromatographyâ€“mass spectrometry procedure for oil fingerprinting. <i>Journal of Chromatography A</i> , 2004, 1025, 133-138.	3.7	80
74	Prenatal and Early Childhood Exposure to Mercury and Methylmercury in Spain, a High-Fish-Consumer Country. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 615-622.	4.1	79
75	Mitigation of emerging contaminants by full-scale horizontal flow constructed wetlands fed with secondary treated wastewater. <i>Ecological Engineering</i> , 2017, 99, 222-227.	3.6	79
76	Selective Aerobic Degradation of Methyl-Substituted Polycyclic Aromatic Hydrocarbons in Petroleum by Pure Microbial Culture. <i>International Journal of Environmental Analytical Chemistry</i> , 1986, 23, 289-303.	3.3	78
77	The Prestige oil spill: bacterial community dynamics during a field biostimulation assay. <i>Applied Microbiology and Biotechnology</i> , 2007, 77, 935-945.	3.6	78
78	Assessment of mercury and methylmercury pollution with zebra mussel (<i>Dreissena polymorpha</i>) in the Ebro River (NE Spain) impacted by industrial hazardous dumps. <i>Science of the Total Environment</i> , 2008, 407, 178-184.	8.0	78
79	Accurate Determination of 2,4,6-Trichloroanisole in Wines at Low Parts Per Trillion by Solid-Phase Microextraction Followed by GC-ECD. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 3509-3514.	5.2	75
80	Quantification and Source Identification of Polycyclic Aromatic Hydrocarbons in Core Sediments from Sundarban Mangrove Wetland, India. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 59, 49-61.	4.1	75
81	PCBs in the western Mediterranean. Temporal trends and mass balance assessment. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 907-928.	1.4	73
82	Molecular markers in Tokyo Bay sediments: Sources and distribution. <i>Marine Environmental Research</i> , 1995, 40, 77-92.	2.5	71
83	Methylmercury levels and bioaccumulation in the aquatic food web of a highly mercury-contaminated reservoir. <i>Environment International</i> , 2011, 37, 1213-1218.	10.0	71
84	Toxicity and phototoxicity of water-accommodated fraction obtained from Prestige fuel oil and Marine fuel oil evaluated by marine bioassays. <i>Science of the Total Environment</i> , 2008, 394, 275-282.	8.0	70
85	Carbon sources and cycle in the western Mediterraneanâ€”the use of molecular markers to determine the origin of organic matter. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1997, 44, 781-799.	1.4	69
86	Determination of methylmercury in human hair by ethylation followed by headspace solid-phase microextractionâ€“gas chromatographyâ€“cold-vapour atomic fluorescence spectrometry. <i>Journal of Chromatography A</i> , 2002, 963, 345-351.	3.7	68
87	Analytical developments for oil spill fingerprinting. <i>Trends in Environmental Analytical Chemistry</i> , 2015, 5, 26-34.	10.3	68
88	On the contribution of reclaimed wastewater irrigation to the potential exposure of humans to antibiotics, antibiotic resistant bacteria and antibiotic resistance genes â€“ NEREUS COST Action ES1403 position paper. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 102131.	6.7	68
89	Physiological responses to mercury in feral carp populations inhabiting the low Ebro River (NE Spain), a historically contaminated site. <i>Aquatic Toxicology</i> , 2009, 93, 150-157.	4.0	67
90	Distribution of antibiotic resistance genes in soils and crops. A field study in legume plants (<i>Vicia faba</i>) Tj ETQq0 0 Q, rBT /Overlock 10 T	7.5	67

#	ARTICLE	IF	CITATIONS
91	Mercury levels and liver pathology in feral fish living in the vicinity of a mercury cell chlor-alkali factory. <i>Chemosphere</i> , 2007, 66, 1217-1225.	8.2	66
92	Multi-biomarker responses in the freshwater mussel <i>Dreissena polymorpha</i> exposed to polychlorobiphenyls and metals. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 281-288.	2.6	66
93	Uptake of microcontaminants by crops irrigated with reclaimed water and groundwater under real field greenhouse conditions. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3629-3638.	5.3	66
94	Antibiotic resistance genes distribution in microbiomes from the soil-plant-fruit continuum in commercial <i>Lycopersicon esculentum</i> fields under different agricultural practices. <i>Science of the Total Environment</i> , 2019, 652, 660-670.	8.0	65
95	Characterization of genotoxic components in sediments by mass spectrometric techniques combined with <i>Salmonella/microsome</i> test. <i>Archives of Environmental Contamination and Toxicology</i> , 1990, 19, 175-184.	4.1	64
96	Patterns of mercury and methylmercury bioaccumulation in fish species downstream of a long-term mercury-contaminated site in the lower Ebro River (NE Spain). <i>Chemosphere</i> , 2011, 84, 1642-1649.	8.2	64
97	Determination of Benzo[a]pyrene Diones in Air Particulate Matter with Liquid Chromatography Mass Spectrometry. <i>Environmental Science & Technology</i> , 1999, 33, 1552-1558.	10.0	63
98	Occurrence and degradation of butyltins and wastewater marker compounds in sediments from Barcelona harbor, Spain. <i>Environment International</i> , 2006, 32, 858-865.	10.0	62
99	Linking the morphological and metabolomic response of <i>Lactuca sativa</i> L exposed to emerging contaminants using GC-MS and chemometric tools. <i>Scientific Reports</i> , 2017, 7, 6546.	3.3	61
100	Occurrence and fate of polycyclic aromatic hydrocarbons in the coastal surface microlayer. <i>Marine Pollution Bulletin</i> , 2007, 54, 186-194.	5.0	60
101	Polyphasic approach for assessing changes in an autochthonous marine bacterial community in the presence of Prestige fuel oil and its biodegradation potential. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 823-834.	3.6	60
102	Determination of Hg and organomercury species following SPME: A review. <i>Talanta</i> , 2008, 77, 21-27.	5.5	59
103	Occurrence and human health implications of chemical contaminants in vegetables grown in peri-urban agriculture. <i>Environment International</i> , 2019, 124, 49-57.	10.0	59
104	Occurrence and human health risk assessment of antibiotics and their metabolites in vegetables grown in field-scale agricultural systems. <i>Journal of Hazardous Materials</i> , 2021, 401, 123424.	12.4	59
105	Statistical modelling of organic matter and emerging pollutants removal in constructed wetlands. <i>Bioresource Technology</i> , 2011, 102, 4981-4988.	9.6	58
106	Bioassay-directed chemical analysis of genotoxic components in urban airborne particulate matter from Barcelona (Spain). <i>Chemosphere</i> , 1995, 30, 725-740.	8.2	57
107	Evaluation of primary treatment and loading regimes in the removal of pharmaceuticals and personal care products from urban wastewaters by subsurface-flow constructed wetlands. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 632-653.	3.3	56
108	Analytical procedures for the determination of emerging organic contaminants in plant material: A review. <i>Analytica Chimica Acta</i> , 2012, 722, 8-20.	5.4	56

#	ARTICLE	IF	CITATIONS
109	Towards Universal Wavelength-Specific Photodegradation Rate Constants for Methyl Mercury in Humic Waters, Exemplified by a Boreal Lake-Wetland Gradient. <i>Environmental Science & Technology</i> , 2013, 47, 6279-6287.	10.0	56
110	Use of off-line gel permeation chromatography—normal-phase liquid chromatography for the determination of polycyclic aromatic compounds in environmental samples and standard reference materials (air particulate matter and marine sediment). <i>Journal of Chromatography A</i> , 1992, 625, 141-149.	3.7	55
111	Factors Affecting Linear Alkylbenzene Sulfonates Removal in Subsurface Flow Constructed Wetlands. <i>Environmental Science & Technology</i> , 2004, 38, 2657-2663.	10.0	55
112	Characterization of lipids in complex samples using comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1086, 2-11.	3.7	55
113	Mercury speciation in the hair of pre-school children living near a chlor-alkali plant. <i>Science of the Total Environment</i> , 2006, 369, 51-58.	8.0	55
114	Trihalomethane occurrence in chlorinated reclaimed water at full-scale wastewater treatment plants in NE Spain. <i>Water Research</i> , 2007, 41, 3337-3344.	11.3	55
115	Application of gas chromatography coupled to chemical ionisation mass spectrometry following headspace solid-phase microextraction for the determination of free volatile fatty acids in aqueous samples. <i>Journal of Chromatography A</i> , 2000, 891, 287-294.	3.7	54
116	Determination of nitrosamines and caffeine metabolites in wastewaters using gas chromatography mass spectrometry and ionic liquid stationary phases. <i>Journal of Chromatography A</i> , 2012, 1261, 164-170.	3.7	54
117	Sources and seasonal variability of mutagenic agents in the Barcelona City aerosol. <i>Chemosphere</i> , 1994, 29, 441-450.	8.2	53
118	Development of a supercritical fluid extraction procedure for tributyltin determination in sediments. <i>Analytica Chimica Acta</i> , 1994, 286, 319-327.	5.4	52
119	Influence of design, physico-chemical and environmental parameters on pharmaceuticals and fragrances removal by constructed wetlands. <i>Water Science and Technology</i> , 2011, 63, 2527-2534.	2.5	52
120	Determination of benzothiazoles and benzotriazoles by using ionic liquid stationary phases in gas chromatography mass spectrometry. Application to their characterization in wastewaters. <i>Journal of Chromatography A</i> , 2012, 1230, 117-122.	3.7	52
121	Removal of cyanide from water by means of plasma discharge technology. <i>Water Research</i> , 2013, 47, 1701-1707.	11.3	51
122	Selective aerobic degradation of linear alkylbenzenes by pure microbial cultures. <i>Chemosphere</i> , 1986, 15, 595-598.	8.2	50
123	Input Characterization of Sedimentary Organic Contaminants and Molecular Markers in the Northwestern Mediterranean Sea by Exploratory Data Analysis. <i>Environmental Science & Technology</i> , 1997, 31, 3482-3490.	10.0	50
124	Determination of linear alkylbenzenesulfonates in aqueous matrices by ion-pair solid-phase microextraction—on-port derivatization—gas chromatography—mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 999, 51-60.	3.7	50
125	Spatial distribution, vertical profiles and budget of organochlorine compounds in Western Mediterranean seawater. <i>Marine Chemistry</i> , 1997, 57, 313-324.	2.3	49
126	Characterization of polar polycyclic aromatic compounds in a heavy-duty diesel exhaust particulate by capillary column gas chromatography and high-resolution mass spectrometry. <i>Environmental Science & Technology</i> , 1988, 22, 1440-1447.	10.0	48

#	ARTICLE	IF	CITATIONS
127	Gas chromatographic and mass spectrometric methods for the characterisation of long-chain fatty acids. <i>Analytica Chimica Acta</i> , 2002, 465, 359-378.	5.4	48
128	Development of a procedure for the determination of perfluorocarboxylic acids in sediments by pressurised fluid extraction, headspace solid-phase microextraction followed by gas chromatography-mass spectrometric determination. <i>Journal of Chromatography A</i> , 2005, 1083, 1-6.	3.7	48
129	Effect of soil biochar concentration on the mitigation of emerging organic contaminant uptake in lettuce. <i>Journal of Hazardous Materials</i> , 2017, 323, 386-393.	12.4	48
130	Broad Spectrum Analysis of Ionic and Non-Ionic Organic Contaminants in Urban Wastewaters and Coastal Receiving Aquatic Systems. <i>International Journal of Environmental Analytical Chemistry</i> , 1990, 39, 329-348.	3.3	47
131	Supercritical fluid extraction of tributyltin and its degradation products from seawater via liquid-solid phase extraction. <i>Journal of Chromatography A</i> , 1993, 655, 51-56.	3.7	47
132	On-line preconcentration of selenium(IV) and selenium(VI) in aqueous matrices followed by liquid chromatography-inductively coupled plasma mass spectrometry determination. <i>Analytica Chimica Acta</i> , 1995, 314, 183-192.	5.4	47
133	Evaluation of Accelerated Solvent Extraction for Butyltin Speciation in PACS-2 CRM Using Double-Spike Isotope Dilution-GC/ICPMS. <i>Analytical Chemistry</i> , 2002, 74, 5237-5242.	6.5	46
134	Enrichment of organochlorine contaminants in the sea surface microlayer: An organic carbon-driven process. <i>Marine Chemistry</i> , 2005, 96, 331-345.	2.3	46
135	Evaluation of artificially-weathered standard fuel oil toxicity by marine invertebrate embryogenesis bioassays. <i>Chemosphere</i> , 2013, 90, 1103-1108.	8.2	45
136	Evaluation of anthropogenic and biogenic inputs into the western Mediterranean using molecular markers. <i>Marine Chemistry</i> , 1999, 65, 195-210.	2.3	44
137	Development of an analytical procedure for the determination of emerging and priority organic pollutants in leafy vegetables by pressurized solvent extraction followed by GC-MS determination. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1319-1327.	3.7	44
138	Accumulation trends of petroleum hydrocarbons in commercial shellfish from the Galician coast (NW Spain) affected by the Prestige oil spill. <i>Chemosphere</i> , 2009, 75, 534-541.	8.2	44
139	Occurrence of chemical contaminants in peri-urban agricultural irrigation waters and assessment of their phytotoxicity and crop productivity. <i>Science of the Total Environment</i> , 2017, 599-600, 1140-1148.	8.0	44
140	Large volume preconcentration of dissolved hydrocarbons and polychlorinated biphenyls from seawater. Intercomparison between C18 disks and XAD-2 column. <i>Chemosphere</i> , 1997, 35, 1669-1679.	8.2	42
141	Determination of volatile alkyl sulfides in wastewater by headspace solid-phase microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 963, 249-257.	3.7	42
142	Determination of phthalic monoesters in aqueous and urine samples by solid-phase microextraction-diazomethane on-fibre derivatization-gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2003, 26, 87-96.	2.5	42
143	In Situ Sensing of Volatile Organic Compounds in Groundwater: First Field Tests of a Mid-Infrared Fiber-Optic Sensing System. <i>Applied Spectroscopy</i> , 2003, 57, 607-613.	2.2	42
144	Assessment of Cleanup Needs of Oiled Sandy Beaches: Lessons from the Prestige Oil Spill. <i>Environmental Science & Technology</i> , 2009, 43, 2470-2475.	10.0	42

#	ARTICLE	IF	CITATIONS
145	Endocrine disruption in thicklip grey mullet (<i>Chelon labrosus</i>) from the Urdaibai Biosphere Reserve (Bay of Biscay, Southwestern Europe). <i>Science of the Total Environment</i> , 2013, 443, 233-244.	8.0	42
146	Selective enrichment procedures for the determination of polychlorinated biphenyls and polycyclic aromatic hydrocarbons in environmental samples by gel permeation chromatography. <i>Journal of Chromatography A</i> , 1988, 456, 155-164.	3.7	41
147	Rapid determination of methyltin compounds in aqueous samples using solid phase microextraction and capillary gas chromatography following in-situ derivatization with sodium tetraethylborate. <i>Journal of High Resolution Chromatography</i> , 1995, 18, 767-770.	1.4	41
148	Monsoon-Driven Vertical Fluxes of Organic Pollutants in the Western Arabian Sea. <i>Environmental Science & Technology</i> , 1999, 33, 3949-3956.	10.0	41
149	Total Mercury in the Hair of Children by Combustion Atomic Absorption Spectrometry (Comb-AAS). <i>Journal of Analytical Toxicology</i> , 2007, 31, 144-149.	2.8	41
150	Determination of cyanide and volatile alkylnitriles in whole blood by headspace solid-phase microextraction and gas chromatography with nitrogen phosphorus detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 870, 17-21.	2.3	40
151	Surface waters are a source of polychlorinated biphenyls to the coastal atmosphere of the North-Western Mediterranean Sea. <i>Chemosphere</i> , 2009, 75, 1144-1152.	8.2	40
152	Solving chromatographic challenges in comprehensive two-dimensional gas chromatography- <i>time-of-flight</i> mass spectrometry using multivariate curve resolution- <i>alternating</i> least squares. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6235-6249.	3.7	40
153	Improvements in the methylmercury extraction from human hair by headspace solid-phase microextraction followed by gas-chromatography cold-vapour atomic fluorescence spectrometry. <i>Journal of Chromatography A</i> , 2004, 1025, 71-75.	3.7	39
154	Degradation of aromatic petroleum hydrocarbons by pure microbial cultures. <i>Chemosphere</i> , 1984, 13, 593-601.	8.2	38
155	Organochlorine Compounds in the North-western Black Sea Water: Distribution and Water Column Process. <i>Estuarine, Coastal and Shelf Science</i> , 2002, 54, 527-540.	2.1	38
156	Post-incident monitoring to evaluate environmental damage from shipping incidents: Chemical and biological assessments. <i>Journal of Environmental Management</i> , 2012, 109, 136-153.	7.8	38
157	Partitioning of urban wastewater organic microcontaminants among coastal compartments. <i>Chemosphere</i> , 1991, 23, 313-326.	8.2	37
158	Supercritical fluid extraction in speciation studies. <i>TrAC - Trends in Analytical Chemistry</i> , 2000, 19, 107-112.	11.4	37
159	Evaluation of Acute Toxicity and Genotoxicity of Liquid Products from Pyrolysis of <i>Eucalyptus grandis</i> Wood. <i>Archives of Environmental Contamination and Toxicology</i> , 2000, 38, 169-175.	4.1	37
160	Bioassay-directed chemical characterization of genotoxic agents in the dissolved and particulate water phases of the Besos and Llobregat Rivers (Barcelona, Spain). <i>Archives of Environmental Contamination and Toxicology</i> , 1992, 23, 19-25.	4.1	36
161	Recurrent arrival of oil to Galician coast: The final step of the Prestige deep oil spill. <i>Journal of Hazardous Materials</i> , 2013, 250-251, 82-90.	12.4	36
162	Chemometrics-Assisted Effect-Directed Analysis of Crude and Refined Oil Using Comprehensive Two-Dimensional Gas Chromatography- <i>Time-of-Flight</i> Mass Spectrometry. <i>Environmental Science & Technology</i> , 2014, 48, 3074-3083.	10.0	36

#	ARTICLE	IF	CITATIONS
163	Effects of prescription antibiotics on soil- and root-associated microbiomes and resistomes in an agricultural context. <i>Journal of Hazardous Materials</i> , 2020, 400, 123208.	12.4	36
164	The role of supercritical fluid extraction and chromatography in organotin speciation studies. <i>TrAC - Trends in Analytical Chemistry</i> , 1994, 13, 327-332.	11.4	35
165	Allylnitrile Metabolism by CYP2E1 and Other CYPs Leads to Distinct Lethal and Vestibulotoxic Effects in the Mouse. <i>Toxicological Sciences</i> , 2009, 107, 461-472.	3.1	35
166	Occurrence and bioaccumulation of chemical contaminants in lettuce grown in peri-urban horticulture. <i>Science of the Total Environment</i> , 2018, 637-638, 1166-1174.	8.0	35
167	Determination of nonylphenols as pentafluorobenzyl derivatives by capillary gas chromatography with electron-capture and mass spectrometric detection in environmental matrices. <i>Journal of Chromatography A</i> , 1994, 686, 275-281.	3.7	34
168	Distribution of Trialkylamines and Coprostanol in San Pedro Shelf Sediments Adjacent to a Sewage Outfall. <i>Marine Pollution Bulletin</i> , 2000, 40, 680-687.	5.0	34
169	Evaluation of sampling devices for the determination of polycyclic aromatic hydrocarbons in surface microlayer coastal waters. <i>Marine Pollution Bulletin</i> , 2004, 48, 961-968.	5.0	34
170	Comparison of different types of diffusive gradient in thin film samplers for measurement of dissolved methylmercury in freshwaters. <i>Talanta</i> , 2014, 129, 486-490.	5.5	34
171	Distribution of surfactant markers in sediments from Santa Monica basin, southern California. <i>Marine Pollution Bulletin</i> , 1992, 24, 403-407.	5.0	33
172	Application of experimental design approach to the optimization of supercritical fluid extraction of polychlorinated biphenyls and polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 1996, 719, 77-85.	3.7	33
173	Trace level determination of organochlorine, organophosphorus and pyrethroid pesticides in lanolin using gel permeation chromatography followed by dual gas chromatography and gas chromatography–negative chemical ionization mass spectrometric confirmation. <i>Journal of Chromatography A</i> , 2002, 950, 213-220.	3.7	33
174	Evidence for cyanobacterial inputs and heterotrophic alteration of lipids in sinking particles in the Alboran Sea (SW Mediterranean). <i>Marine Chemistry</i> , 1998, 60, 189-201.	2.3	32
175	Natural sunlight and sun simulator photolysis studies of tetra- to hexa-brominated diphenyl ethers in water using solid-phase microextraction. <i>Journal of Chromatography A</i> , 2006, 1124, 157-166.	3.7	32
176	Advances in the determination of degradation intermediates of personal care products in environmental matrixes: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 847-860.	3.7	32
177	Simultaneous determination of methyl- and ethyl-mercury by solid-phase microextraction followed by gas chromatography atomic fluorescence detection. <i>Journal of Chromatography A</i> , 2009, 1216, 8828-8834.	3.7	32
178	Chemical characterization of organic microcontaminant sources and biological effects in riverine sediments impacted by urban sewage and pulp mill discharges. <i>Chemosphere</i> , 2013, 90, 611-619.	8.2	32
179	Decontamination of waterborne chemical pollutants by using atmospheric pressure nonthermal plasma: a review. <i>Environmental Technology Reviews</i> , 2014, 3, 71-91.	4.3	32
180	Simultaneous determination of multiclass antibiotics and their metabolites in four types of field-grown vegetables. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5209-5222.	3.7	32

#	ARTICLE	IF	CITATIONS
181	Steroid alcohols and ketones in coastal waters of the western Mediterranean: Sources and seasonal variability. <i>Marine Chemistry</i> , 1989, 27, 79-104.	2.3	31
182	Complete Elimination of Interferences in the Organotin Determination by Oxidation with Dimethyldioxirane Combined with Alumina Cleanup. <i>Analytical Chemistry</i> , 1998, 70, 3703-3707.	6.5	31
183	Systematic characterisation of long-chain aliphatic esters of wool wax by gas chromatography-electron impact ionisation mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 952, 193-204.	3.7	31
184	Fingerprinting petroleum hydrocarbons in plankton and surface sediments during the spring and early summer blooms in the Galician coast (NW Spain) after the Prestige oil spill. <i>Marine Environmental Research</i> , 2006, 62, 388-413.	2.5	31
185	Laboratory and field evaluation of diffusive gradient in thin films (DGT) for monitoring levels of dissolved mercury in natural river water. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1689-1698.	3.3	31
186	Selective Gas Chromatographic Stationary Phases for Nitrogen-Containing Polycyclic Aromatic Compounds. <i>International Journal of Environmental Analytical Chemistry</i> , 1987, 28, 263-278.	3.3	30
187	Identification and comparison of low-molecular-weight neutral constituents in two different coal extracts. <i>Fuel</i> , 1988, 67, 45-57.	6.4	29
188	Use of Supercritical Fluid Extraction for Pirimicarb Determination in Soil. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 395-400.	5.2	29
189	Development and application of immunoaffinity chromatography for the determination of the triazinic biocides in seawater. <i>Journal of Chromatography A</i> , 2001, 909, 61-72.	3.7	29
190	Effect of design parameters in horizontal flow constructed wetland on the behaviour of volatile fatty acids and volatile alkylsulfides. <i>Chemosphere</i> , 2005, 59, 769-777.	8.2	29
191	Spatial and temporal trends of polycyclic aromatic hydrocarbons in wild mussels from the Cantabrian coast (N Spain) after the Prestige oil spill. <i>Journal of Environmental Monitoring</i> , 2007, 9, 1018.	2.1	28
192	Comparison of supercritical fluid extraction and liquid-liquid extraction for isolation of selected pesticides stored in freeze-dried water samples. <i>Chromatographia</i> , 1994, 38, 502-508.	1.3	27
193	Comparison of sampling devices for the determination of polychlorinated biphenyls in the sea surface microlayer. <i>Marine Environmental Research</i> , 2005, 59, 255-275.	2.5	27
194	Methylmercury determination in biota by solid-phase microextraction. <i>Journal of Chromatography A</i> , 2007, 1174, 2-6.	3.7	27
195	Use of effect-directed analysis for the identification of organic toxicants in surface flow constructed wetland sediments. <i>Chemosphere</i> , 2013, 91, 1165-1175.	8.2	27
196	Effects of simulated weathering on the toxicity of selected crude oils and their components to sea urchin embryos. <i>Journal of Hazardous Materials</i> , 2013, 260, 67-73.	12.4	27
197	Development of a novel supercritical fluid extraction procedure for lanolin extraction from raw wool. <i>Analytica Chimica Acta</i> , 1999, 381, 39-48.	5.4	26
198	Trialkylamines and Coprostanol as Tracers of Urban Pollution in Waters from Enclosed Seas: The Mediterranean and Black Sea. <i>Environmental Science & Technology</i> , 1999, 33, 3290-3296.	10.0	26

#	ARTICLE	IF	CITATIONS
199	Photo-solid-phase microextraction of selected indoor air pollutants from office buildings. Identification of their photolysis intermediates. <i>Journal of Chromatography A</i> , 2009, 1216, 8969-8978.	3.7	26
200	COST Action ES1403: New and Emerging challenges and opportunities in wastewater REUse (NEREUS). <i>Environmental Science and Pollution Research</i> , 2015, 22, 7183-7186.	5.3	25
201	Analytical strategies for determining the sources and ecotoxicological risk of PAHs in river sediment. <i>Microchemical Journal</i> , 2018, 137, 90-97.	4.5	25
202	A Potential Source of Organic Pollutants into the Northeastern Atlantic: The Outflow of the Mediterranean Deep-Lying Waters through the Gibraltar Strait. <i>Environmental Science & Technology</i> , 2001, 35, 2682-2689.	10.0	24
203	Inverse modeling of the biodegradation of emerging organic contaminants in the soil-plant system. <i>Chemosphere</i> , 2016, 156, 236-244.	8.2	24
204	Removal of Organic Micropollutants in Wastewater Treated by Activated Sludge and Constructed Wetlands: A Comparative Study. <i>Water (Switzerland)</i> , 2019, 11, 2515.	2.7	24
205	Bioaccumulation and biochemical responses in mussels exposed to the water-accommodated fraction of the Prestige fuel oil. <i>Scientia Marina</i> , 2007, 71, 373-394.	0.6	24
206	Optimization of a flame photometric detector for supercritical fluid chromatography of organotin compounds. <i>Journal of Chromatography A</i> , 1993, 636, 277-283.	3.7	23
207	Supercritical fluid extraction of priority organotin contaminants from biological matrices. <i>Analytica Chimica Acta</i> , 1997, 355, 269-276.	5.4	23
208	Butyltin occurrence and risk assessment in the sediments of the Iberian Peninsula. <i>Journal of Environmental Management</i> , 2009, 90, S25-S30.	7.8	23
209	Organic micropollutants in sewage sludge: influence of thermal and ultrasound hydrolysis processes prior to anaerobic stabilization. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 1358-1365.	2.2	23
210	Comparison of liquid chromatography-mass spectrometry interfaces for the analysis of polar metabolites of benz[a]pyrene. <i>Fresenius' Journal of Analytical Chemistry</i> , 1997, 359, 267-273.	1.5	22
211	Occurrence and human health risk assessment of antibiotics and trace elements in <i>Lactuca sativa</i> amended with different organic fertilizers. <i>Environmental Research</i> , 2020, 190, 109946.	7.5	22
212	Evaluation of desulfurization procedures for the elimination of sulfur interferences in the organotin analysis of sediments. <i>Journal of Chromatography A</i> , 1998, 810, 245-251.	3.7	21
213	Butyltins in sediments from Santa Monica and San Pedro basins, California. <i>Environmental Pollution</i> , 1998, 99, 263-269.	7.5	21
214	Physico-chemical characterisation of atmospheric aerosols in a rural area affected by the aznalcollar toxic spill, south-west Spain during the soil reclamation activities. <i>Science of the Total Environment</i> , 1999, 242, 89-104.	8.0	21
215	Complete characterisation of lanolin steryl esters by sub-ambient pressure gas chromatography-mass spectrometry in the electron impact and chemical ionisation modes. <i>Journal of Chromatography A</i> , 2002, 970, 249-258.	3.7	21
216	Determination of Irgarol 1051 in Western Mediterranean sediments. Development and application of supercritical fluid extraction-immunoaffinity chromatography procedure. <i>Water Research</i> , 2003, 37, 3658-3665.	11.3	21

#	ARTICLE	IF	CITATIONS
217	Assessment of In Vivo Effects of the Prestige Fuel Oil Spill on the Mediterranean Mussel Immune System. <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 52, 200-206.	4.1	21
218	Langmuir-Derived Model for Diffusion- and Reaction-Limited Adsorption of Organic Compounds on Fractal Aggregates. <i>Environmental Science & Technology</i> , 1997, 31, 2754-2760.	10.0	20
219	Characterization of organic compounds in soil and water affected by pyrite tailing spillage. <i>Science of the Total Environment</i> , 1999, 242, 167-178.	8.0	20
220	Development of a methodology for the simultaneous determination of inorganic and organolead compounds using supercritical fluid extraction followed by gas chromatography-mass spectrometry and its application to environmental matrices. <i>Talanta</i> , 2009, 80, 504-510.	5.5	20
221	An integrated study of endocrine disruptors in sediments and reproduction-related parameters in bivalve molluscs from the Biosphere's Reserve of Urdaibai (Bay of Biscay). <i>Marine Environmental Research</i> , 2010, 69, S63-S66.	2.5	20
222	Dose effect of Zn and Cu in sludge-amended soils on vegetable uptake of trace elements, antibiotics, and antibiotic resistance genes: Human health implications. <i>Environmental Research</i> , 2020, 191, 109879.	7.5	20
223	Trace Element Determination by Combining Solid-Phase Microextraction Hyphenated to Elemental and Molecular Detection Techniques. <i>Journal of Chromatographic Science</i> , 2006, 44, 458-471.	1.4	19
224	Differential role of CYP2E1-mediated metabolism in the lethal and vestibulotoxic effects of cis-crotonitrile in the mouse. <i>Toxicology and Applied Pharmacology</i> , 2007, 225, 310-317.	2.8	19
225	Elucidating biotransformation pathways of ofloxacin in lettuce (<i>Lactuca sativa</i> L). <i>Environmental Pollution</i> , 2020, 260, 114002.	7.5	19
226	Recent contributions of high resolution gas chromatography to the analysis of environmental hydrocarbons. <i>Journal of High Resolution Chromatography</i> , 1983, 6, 605-611.	1.4	18
227	Identification and occurrence of brominated and nitrated phenols in estuarine sediments. <i>Marine Pollution Bulletin</i> , 1991, 22, 603-607.	5.0	18
228	Vapor-particle partitioning of hydrocarbons in Western Mediterranean urban and marine atmospheres. <i>Mikrochimica Acta</i> , 1991, 104, 13-27.	5.0	18
229	Determination of Organic Contaminants in Landfill Leachates: A Review. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 415-430.	3.3	18
230	Effect of the carbon dioxide modifier on the lipid composition of wool wax extracted from raw wool. <i>Analytica Chimica Acta</i> , 2003, 477, 233-242.	5.4	18
231	Low Part per Trillion Determination of Reactive Alkanethiols in Wastewater by in Situ Derivatization-Solid-Phase Microextraction Followed by GC/MS. <i>Analytical Chemistry</i> , 2005, 77, 6012-6018.	6.5	18
232	Compositional properties characterizing commonly transported oils and controlling their fate in the marine environment. <i>Journal of Environmental Monitoring</i> , 2012, 14, 3220.	2.1	18
233	Foliar sorption of emerging and priority contaminants under controlled conditions. <i>Journal of Hazardous Materials</i> , 2013, 260, 176-182.	12.4	18
234	Diffusive gradients in thin films for predicting methylmercury bioavailability in freshwaters after photodegradation. <i>Chemosphere</i> , 2015, 131, 184-191.	8.2	18

#	ARTICLE	IF	CITATIONS
235	Degradation of Emerging Organic Contaminants in an Agricultural Soil: Decoupling Biotic and Abiotic Processes. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	18
236	Tributyltin speciation in aquatic matrices by CGC-FPD and CGC-MS confirmation. <i>Mikrochimica Acta</i> , 1992, 109, 87-91.	5.0	17
237	Working Methods Paper: Critical considerations with respect to the identification of tin species in the environment. <i>Applied Organometallic Chemistry</i> , 1994, 8, 541-549.	3.5	17
238	Biogeochemical characterization of particulate organic matter from a coastal hydrothermal vent zone in the Aegean Sea. <i>Organic Geochemistry</i> , 2002, 33, 1609-1620.	1.8	15
239	Sources, distribution and behaviour of methyl tert-butyl ether (MTBE) in the Tamar Estuary, UK. <i>Chemosphere</i> , 2004, 57, 429-437.	8.2	15
240	Distribution and Sources of Petroleum Hydrocarbons in Recent Sediments of the Imo River, SE Nigeria. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 372-382.	4.1	15
241	Behavior of Emerging Pollutants in Constructed Wetlands. <i>Handbook of Environmental Chemistry</i> , 2008, , 199-217.	0.4	15
242	Characterization of polar substituted polycyclic aromatic compounds using high-resolution gas chromatography/mass spectrometry negative ion chemical ionization and positive and negative ion thermospray liquid chromatography/mass spectrometry. <i>Biological Mass Spectrometry</i> , 1988, 16, 461-467.	0.5	14
243	Assessment of a dielectric barrier discharge plasma reactor at atmospheric pressure for the removal of bisphenol A and tributyltin. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1418-1426.	2.2	14
244	Evaluation of antibiotic mobility in soil associated with swine-slurry soil amendment under cropping conditions. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12336-12344.	5.3	14
245	Does the application of human waste as a fertilization material in agricultural production pose adverse effects on human health attributable to contaminants of emerging concern?. <i>Environmental Research</i> , 2020, 182, 109132.	7.5	14
246	Compounds of emerging concern as new plant stressors linked to water reuse and biosolid application in agriculture. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105198.	6.7	14
247	Influence of water filtration on the determination of a wide range of dissolved contaminants at parts-per-trillion levels. <i>Analytica Chimica Acta</i> , 2007, 583, 202-209.	5.4	13
248	Changes of Heavy Metal and PCB Contents in Surficial Sediments of the Barcelona Harbour after the Opening of a New Entrance. <i>Water, Air, and Soil Pollution</i> , 2009, 204, 271-284.	2.4	13
249	The use of long-chain alkylbenzenes and alkyltoluenes for fingerprinting marine oil wastes. <i>Chemosphere</i> , 2013, 91, 336-343.	8.2	12
250	Biogeochemical evolution of the outflow of the Mediterranean deep-lying particulate organic matter into the northeastern Atlantic. <i>Marine Chemistry</i> , 2001, 76, 211-231.	2.3	11
251	Implications of the use of organic fertilizers for antibiotic resistance gene distribution in agricultural soils and fresh food products. A plot-scale study. <i>Science of the Total Environment</i> , 2022, 815, 151973.	8.0	11
252	Combined experimental design and information theory for the optimization of supercritical fluid extraction of organic priority pollutants from sediment. <i>Analytica Chimica Acta</i> , 1997, 351, 377-385.	5.4	10

#	ARTICLE	IF	CITATIONS
253	Effects of complexing agents and acid modifiers on the supercritical fluid extraction of native phenyl- and butyl-tins from sediment. <i>Applied Organometallic Chemistry</i> , 1998, 12, 577-584.	3.5	10
254	Use of headspace solid-phase microextraction to characterize odour compounds in subsurface flow constructed wetland for wastewater treatment. <i>Water Science and Technology</i> , 2004, 49, 89-98.	2.5	10
255	Removal of selected organic pollutants and coliforms in pilot constructed wetlands in southeastern Mexico. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 680-692.	3.3	10
256	Effects of industrial pollution on the reproductive biology of <i>Squalius laietanus</i> (Actinopterygii). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62</i> 46, 247-264.	2.3	10
257	Evaluation of glass capillary columns for geochemical analysis. <i>Chromatographia</i> , 1982, 16, 271-274.	1.3	9
258	Supercritical fluid extraction of atrazine and its metabolites from soil. <i>Journal of High Resolution Chromatography</i> , 1996, 19, 23-26.	1.4	9
259	Origin and vertical dynamics of particulate organic matter in a salt-wedge estuary, the Ebro Delta, inferred from lipid molecular markers and compound-specific isotope carbon analysis. <i>Marine Chemistry</i> , 2011, 126, 269-280.	2.3	9
260	Removal of Pharmaceutical Compounds from Wastewater and Surface Water by Natural Treatments. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 409-433.	1.3	9
261	Input and Leaching Potential of Copper, Zinc, and Selenium in Agricultural Soil from Swine Slurry. <i>Archives of Environmental Contamination and Toxicology</i> , 2014, 66, 277-286.	4.1	9
262	Two important limitations relating to the spiking of environmental samples with contaminants of emerging concern: How close to the real analyte concentrations are the reported recovered values?. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15202-15205.	5.3	9
263	Intercomparison Among SFE, ASE, Soxhlet and Sonication for the Trialkylamine Determination in Sediment and Sludge. <i>International Journal of Environmental Analytical Chemistry</i> , 1998, 72, 99-111.	3.3	8
264	Evaluation of capillary gas chromatography columns for the determination of free volatile amines after solid-phase microextraction. <i>Chromatographia</i> , 2001, 54, 109-113.	1.3	8
265	Vestibulotoxic Properties of Potential Metabolites of Allylnitrile. <i>Toxicological Sciences</i> , 2013, 135, 182-192.	3.1	8
266	Electron Ionization and Positive-ion Chemical Ionization Mass Spectra of N-(2-Hydroxyethyl)alkylamides. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1077-1082.	1.5	7
267	On the occurrence of microscale chemical patches in fractal aggregates. <i>Ecological Modelling</i> , 1998, 107, 87-92.	2.5	7
268	Isolation and taxonomic and catabolic characterization of a 3,6-dimethylphenanthrene-utilizing strain of <i>Sphingomonas</i> sp.. <i>Canadian Journal of Microbiology</i> , 2003, 49, 120-129.	1.7	7
269	New approach on the alkylthiol determination in water by in situ derivatization SPME followed by GC-ECD/NPD analysis. <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 543-552.	3.3	7
270	Chemical characterization and phytotoxicity assessment of peri-urban soils using seed germination and root elongation tests. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34401-34411.	5.3	7

#	ARTICLE	IF	CITATIONS
271	Fate of cationic surfactants in the marine environment, I: Bioconcentration of long-chain alkylnitriles and trialkylamines. <i>Chemosphere</i> , 1989, 19, 1819-1827.	8.2	6
272	Fate of cationic surfactants in the marine environment, II: Photooxidation of long-chain alkylamines in aqueous media. <i>Chemosphere</i> , 1990, 20, 599-607.	8.2	6
273	Characterization of cationic surfactant markers and their abiotic degradation products by CGC-El/PICl MS. <i>Fresenius' Journal of Analytical Chemistry</i> , 1991, 339, 212-217.	1.5	6
274	Determination of the $\hat{1}^2$ -glycosylate fraction of contaminants of emerging concern in lettuce (<i>Lactuca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T 5715-5721.	3.7	6
275	Development of an Analytical Procedure for the Determination of Trihalomethanes in Leafy Vegetable by Headspace-SPME Followed by GC-ECD Determination. <i>Food Analytical Methods</i> , 2015, 8, 1093-1100.	2.6	5
276	Photochemical effects on oil spill fingerprinting. , 2016, , 917-959.		5
277	Development and Application of the Detector-Response-Ratio Method of Identification for a Dual-Detection System. Application of GC with Electron-Capture and Nitrogen \hat{e} Phosphorus Detection to the Determination of Pesticides in Aqueous Matrices. <i>Chromatographia</i> , 2007, 66, 75-79.	1.3	4
278	DETERMINATION OF ORGANOCHLORINE COMPOUNDS IN NEUSTON FROM THE MEDITERRANEAN. <i>Environmental Technology (United Kingdom)</i> , 2008, 29, 1275-1283.	2.2	4
279	A comparison of vaporizing injectors for trace analysis in capillary gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1986, 9, 59-60.	1.4	3
280	Behavior of Emerging Pollutants in Constructed Wetlands. , 2007, , 199-217.		3
281	Systematic identification of trimethoprim metabolites in lettuce. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 3121-3135.	3.7	3
282	Flicker Noise in Vertical Fluxes of Particle-Associated Contaminants in the Marine Environment. <i>Environmental Science & Technology</i> , 1996, 30, 3392-3396.	10.0	2
283	Sources and Fate of Organic Contaminants in the Marine Environment. , 0, , 323-370.		2
284	Transport of organic contaminants through salinity stratified water masses. A microcosm experiment. <i>Chemosphere</i> , 2007, 66, 730-737.	8.2	2
285	Protocols for the Chemical Analysis of Hydrocarbons in Petroleum Oils and the Assessment of Environmental Contamination. <i>Springer Protocols</i> , 2014, , 47-59.	0.3	2
286	Chapter 26 Sample preparation techniques for soil analysis. <i>Comprehensive Analytical Chemistry</i> , 2002, , 895-918.	1.3	1
287	Mercury in Aquatic Organisms of the Ebro River Basin. <i>Handbook of Environmental Chemistry</i> , 2010, , 239-258.	0.4	1
288	Applications of the CEN Methodology in Multiple Oil Spills in Spanish Waters. , 2018, , 325-343.		1

#	ARTICLE	IF	CITATIONS
289	Local and downstream cumulative effects of traditional meadow management on stream-water quality and multiple riparian taxa. <i>Science of the Total Environment</i> , 2021, 794, 148601.	8.0	1
290	Volatile fatty acids as malodorous compounds in wool scouring water and lanolin. Origin and characterisation. <i>Environmental Technology (United Kingdom)</i> , 2003, 24, 1465-1470.	2.2	0