

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

290 papers	14,992 citations	70 h-index	104 g-index
294 ext. papers	16,294 ext. citations	6.7 avg, IF	6.6 L-index

#	Paper	IF	Citations
290	Systematic identification of trimethoprim metabolites in lettuce.. <i>Analytical and Bioanalytical Chemistry</i> , 2022 , 414, 3121	4.4	0
289	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> , 2021 , 815, 151973	10.2	0
288	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	6.8	9
287	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	12.8	21
286	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	10.2	0
285	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	12.8	17
284	Elucidating biotransformation pathways of ofloxacin in lettuce (<i>Lactuca sativa</i> L). <i>Environmental Pollution</i> , 2020 , 260, 114002	9.3	11
283	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	7.9	5
282	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	7.9	8
281	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	7.9	8
280	On the contribution of reclaimed wastewater irrigation to the potential exposure of humans to antibiotics, antibiotic resistant bacteria and antibiotic resistance genes INEREUS COST Action ES1403 position paper. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 102131	6.8	44
279	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	3.6	15
278	Effects of industrial pollution on the reproductive biology of <i>Squalius laietanus</i> (Actinopterygii, Cyprinidae) in a Mediterranean stream (NE Iberian Peninsula). <i>Fish Physiology and Biochemistry</i> , 2020 , 46, 247-264	2.7	3
277	Occurrence and human health implications of chemical contaminants in vegetables grown in peri-urban agriculture. <i>Environment International</i> , 2019 , 124, 49-57	12.9	38
276	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	4.4	20
275	Antibiotic resistance gene distribution in agricultural fields and crops. A soil-to-food analysis. <i>Environmental Research</i> , 2019 , 177, 108608	7.9	45
274	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	5.1	7

273	Removal of Organic Micropollutants in Wastewater Treated by Activated Sludge and Constructed Wetlands: A Comparative Study. <i>Water (Switzerland)</i> , 2019 , 11, 2515	3	15
272	Ranking of crop plants according to their potential to uptake and accumulate contaminants of emerging concern. <i>Environmental Research</i> , 2019 , 170, 422-432	7.9	72
271	Distribution of antibiotic resistance genes in soils and crops. A field study in legume plants (<i>Vicia faba</i> L.) grown under different watering regimes. <i>Environmental Research</i> , 2019 , 170, 16-25	7.9	48
270	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	10.2	37
269	Analytical strategies for determining the sources and ecotoxicological risk of PAHs in river sediment. <i>Microchemical Journal</i> , 2018 , 137, 90-97	4.8	16
268	Applications of the CEN Methodology in Multiple Oil Spills in Spanish Waters 2018 , 325-343		1
267	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	10.2	26
266	Determination of the glycosylate fraction of contaminants of emerging concern in lettuce (<i>Lactuca sativa</i> L.) grown under controlled conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 5715-5721	4.4	3
265	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	12.8	35
264	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	10.2	30
263	Degradation of Emerging Organic Contaminants in an Agricultural Soil: Decoupling Biotic and Abiotic Processes. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	15
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	5.1	8
261	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	4.9	40
260	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 bacterial and resistance genes - A review. <i>Water Research</i> , 2017 , 123, 448-467	12.5	251
259	Mitigation of emerging contaminants by full-scale horizontal flow constructed wetlands fed with secondary treated wastewater. <i>Ecological Engineering</i> , 2017 , 99, 222-227	3.9	62
258	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	12.8	186
257	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	12.8	95
256	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, 372-82	3.2	10

255	Behaviour of pharmaceuticals and personal care products in constructed wetland compartments: Influent, effluent, pore water, substrate and plant roots. <i>Chemosphere</i> , 2016 , 145, 508-17	8.4	77
254	Photochemical effects on oil spill fingerprinting 2016 , 917-959		4
253	Inverse modeling of the biodegradation of emerging organic contaminants in the soil-plant system. <i>Chemosphere</i> , 2016 , 156, 236-244	8.4	19
252	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	3.4	2
251	COST Action ES1403: new and emerging challenges and opportunities in wastewater reuse (NEREUS). <i>Environmental Science and Pollution Research</i> , 2015 , 22, 7183-6	5.1	20
250	Diffusive gradients in thin films for predicting methylmercury bioavailability in freshwaters after photodegradation. <i>Chemosphere</i> , 2015 , 131, 184-91	8.4	17
249	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	3.9	129
248	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	12.8	258
247	Analytical developments for oil spill fingerprinting. <i>Trends in Environmental Analytical Chemistry</i> , 2015 , 5, 26-34	12	45
246	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, 277-86	3.2	9
245	Assessment of photochemical processes in marine oil spill fingerprinting. <i>Marine Pollution Bulletin</i> , 2014 , 79, 268-77	6.7	115
244	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, 1272-80	10.2	101
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, 1418-26	2.6	10
242	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, 211-7	10.2	77
241	Chemometrics-assisted effect-directed analysis of crude and refined oil using comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry. <i>Environmental Science & Technology</i> , 2014 , 48, 3074-83	10.3	33
240	Evaluation of antibiotic mobility in soil associated with swine-slurry soil amendment under cropping conditions. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 12336-44	5.1	10
239	Comparison of different types of diffusive gradient in thin film samplers for measurement of dissolved methylmercury in freshwaters. <i>Talanta</i> , 2014 , 129, 486-90	6.2	28
238	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

237	Decontamination of waterborne chemical pollutants by using atmospheric pressure nonthermal plasma: a review. <i>Environmental Technology Reviews</i> , 2014 , 3, 71-91	7.7	25
236	Removal of cyanide from water by means of plasma discharge technology. <i>Water Research</i> , 2013 , 47, 1701-7	12.5	41
235	Removal of priority pollutants from water by means of dielectric barrier discharge atmospheric plasma. <i>Journal of Hazardous Materials</i> , 2013 , 262, 664-73	12.8	86
234	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	12.8	29
233	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, 611-9	8.4	27
232	Evaluation of artificially-weathered standard fuel oil toxicity by marine invertebrate embryogenesis bioassays. <i>Chemosphere</i> , 2013 , 90, 1103-8	8.4	38
231	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, 315-25	12.5	120
230	The use of long-chain alkylbenzenes and alkyltoluenes for fingerprinting marine oil wastes. <i>Chemosphere</i> , 2013 , 91, 336-43	8.4	10
229	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, 233-44	10.2	35
228	Use of effect-directed analysis for the identification of organic toxicants in surface flow constructed wetland sediments. <i>Chemosphere</i> , 2013 , 91, 1165-75	8.4	25
227	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, 6279-87	10.3	45
226	Foliar sorption of emerging and priority contaminants under controlled conditions. <i>Journal of Hazardous Materials</i> , 2013 , 260, 176-82	12.8	14
225	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, 3629-38	5.1	52
224	Solving chromatographic challenges in comprehensive two-dimensional gas chromatography-time-of-flight mass spectrometry using multivariate curve resolution-alternating least squares. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6235-49	4.4	38
223	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	12.8	22
222	Vestibulotoxic properties of potential metabolites of allylnitrile. <i>Toxicological Sciences</i> , 2013 , 135, 182-92	7.4	8
221	Removal of Pharmaceutical Compounds from Wastewater and Surface Water by Natural Treatments. <i>Comprehensive Analytical Chemistry</i> , 2013 , 62, 409-433	1.9	8
220	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	1.8	28

219	Analytical procedures for the determination of emerging organic contaminants in plant material: a review. <i>Analytica Chimica Acta</i> , 2012 , 722, 8-20	6.6	45
218	Post-incident monitoring to evaluate environmental damage from shipping incidents: chemical and biological assessments. <i>Journal of Environmental Management</i> , 2012 , 109, 136-53	7.9	34
217	Uptake of organic emergent contaminants in spath and lettuce: an in vitro experiment. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 2000-7	5.7	82
216	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, 164-70	4.5	50
215	Compositional properties characterizing commonly transported oils and controlling their fate in the marine environment. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 3220-9		16
214	Temporal evolution in PPCP removal from urban wastewater by constructed wetlands of different configuration: a medium-term study. <i>Chemosphere</i> , 2012 , 88, 161-7	8.4	88
213	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, 117-22	4.5	46
212	Resolution and quantification of complex mixtures of polycyclic aromatic hydrocarbons in heavy fuel oil sample by means of GC-TOFMS combined to multivariate curve resolution. <i>Analytical Chemistry</i> , 2011 , 83, 9289-97	7.8	104
211	Methylmercury levels and bioaccumulation in the aquatic food web of a highly mercury-contaminated reservoir. <i>Environment International</i> , 2011 , 37, 1213-8	12.9	62
210	Screening of 47 organic microcontaminants in agricultural irrigation waters and their soil loading. <i>Water Research</i> , 2011 , 45, 221-31	12.5	129
209	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, 14-9	10.2	100
208	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	3.7	6
207	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, 1642-9	8.4	56
206	Evaluation of PPCPs removal in a combined anaerobic digester-constructed wetland pilot plant treating urban wastewater. <i>Chemosphere</i> , 2011 , 84, 1200-7	8.4	79
205	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, 823-34	5.7	47
204	Statistical modelling of organic matter and emerging pollutants removal in constructed wetlands. <i>Bioresource Technology</i> , 2011 , 102, 4981-8	11	52
203	Influence of design, physico-chemical and environmental parameters on pharmaceuticals and fragrances removal by constructed wetlands. <i>Water Science and Technology</i> , 2011 , 63, 2527-34	2.2	45
202	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	1.8	9

201	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	1.8	45
200	Occurrence and fate of benzothiazoles and benzotriazoles in constructed wetlands. <i>Water Science and Technology</i> , 2010 , 61, 191-8	2.2	68
199	Contaminant Removal Processes in Subsurface-Flow Constructed Wetlands: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2010 , 40, 561-661	11.1	333
198	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	7.8	99
197	An integrated study of endocrine disruptors in sediments and reproduction-related parameters in bivalve molluscs from the Biosphere Reserve of Urdaibai (Bay of Biscay). <i>Marine Environmental Research</i> , 2010 , 69 Suppl, S63-6	3.3	18
196	Assessment of full-scale natural systems for the removal of PPCPs from wastewater in small communities. <i>Water Research</i> , 2010 , 44, 1429-39	12.5	178
195	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, 3669-78	12.5	194
194	Mercury in Aquatic Organisms of the Ebro River Basin. <i>Handbook of Environmental Chemistry</i> , 2010 , 239-258	2.5	1
193	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	3.2	61
192	Capacity of a horizontal subsurface flow constructed wetland system for the removal of emerging pollutants: an injection experiment. <i>Chemosphere</i> , 2010 , 81, 1137-42	8.4	94
191	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, 2517-24	10.2	72
190	Photodegradation of Carbamazepine, Ibuprofen, Ketoprofen and 17 β -Ethinylestradiol in Fresh and Seawater. <i>Water, Air, and Soil Pollution</i> , 2009 , 196, 161-168	2.6	130
189	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	2.6	10
188	Advances in the determination of degradation intermediates of personal care products in environmental matrixes: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 847-60	4.4	30
187	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, 1319-27	4.4	42
186	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, 615-22	3.2	66
185	Butyltin occurrence and risk assessment in the sediments of the Iberian Peninsula. <i>Journal of Environmental Management</i> , 2009 , 90 Suppl 1, S25-30	7.9	20
184	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, 281-8	3.2	53

183	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, 4013-9	4.5	66
182	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, 8828-34	4.5	27
181	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, 8969-78	4.5	21
180	Allylnitrile metabolism by CYP2E1 and other CYPs leads to distinct lethal and vestibulotoxic effects in the mouse. <i>Toxicological Sciences</i> , 2009 , 107, 461-72	4.4	33
179	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, 534-41	8.4	41
178	Assessment of the pharmaceutical active compounds removal in wastewater treatment systems at enantiomeric level. Ibuprofen and naproxen. <i>Chemosphere</i> , 2009 , 75, 200-5	8.4	131
177	Surface waters are a source of polychlorinated biphenyls to the coastal atmosphere of the North-Western Mediterranean Sea. <i>Chemosphere</i> , 2009 , 75, 1144-52	8.4	38
176	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, 504-10	6.2	18
175	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	12.5	175
174	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, 150-7	5.1	60
173	Assessment of cleanup needs of oiled sandy beaches: lessons from the Prestige oil spill. <i>Environmental Science & Technology</i> , 2009 , 43, 2470-5	10.3	35
172	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, 171-6	10.2	118
171	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, 275-82	10.2	58
170	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, 178-84	10.2	74
169	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, 511-8	3.2	111
168	Organic micropollutant removal in a full-scale surface flow constructed wetland fed with secondary effluent. <i>Water Research</i> , 2008 , 42, 653-60	12.5	271
167	Determination of Hg and organomercury species following SPME: a review. <i>Talanta</i> , 2008 , 77, 21-7	6.2	55
166	Hair mercury levels in an urban population from southern Italy: fish consumption as a determinant of exposure. <i>Environment International</i> , 2008 , 34, 162-7	12.9	87

165	Determination of organochlorine compounds in neuston from the Mediterranean. <i>Environmental Technology (United Kingdom)</i> , 2008 , 29, 1275-83	2.6	4
164	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	3.2	35
163	Behavior of Emerging Pollutants in Constructed Wetlands. <i>Handbook of Environmental Chemistry</i> , 2008 , 199-217	0.8	14
162	Behavior of Emerging Pollutants in Constructed Wetlands 2007 , 199-217		2
161	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, 1018-23		26
160	Prestige oil spill. III. Fate of a heavy oil in the marine environment. <i>Environmental Science & Technology</i> , 2007 , 41, 3075-82	10.3	77
159	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, 8171-7	10.3	194
158	Methylmercury determination in biota by solid-phase microextraction matrix effect evaluation. <i>Journal of Chromatography A</i> , 2007 , 1174, 2-6	4.5	22
157	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, 202-9	6.6	12
156	Occurrence and fate of polycyclic aromatic hydrocarbons in the coastal surface microlayer. <i>Marine Pollution Bulletin</i> , 2007 , 54, 186-94	6.7	53
155	Differential role of CYP2E1-mediated metabolism in the lethal and vestibulotoxic effects of cis-crotononitrile in the mouse. <i>Toxicology and Applied Pharmacology</i> , 2007 , 225, 310-7	4.6	19
154	Development and Application of the Detector-Response-Ratio Method of Identification for a Dual-Detection System. Application of GC with Electron-Capture and Nitrogen Phosphorus Detection to the Determination of Pesticides in Aqueous Matrices. <i>Chromatographia</i> , 2007 , 66, 75-79	2.1	4
153	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, 200-6	3.2	17
152	The Prestige oil spill: bacterial community dynamics during a field biostimulation assay. <i>Applied Microbiology and Biotechnology</i> , 2007 , 77, 935-45	5.7	58
151	Total mercury in the hair of children by combustion atomic absorption spectrometry (Comb-AAS). <i>Journal of Analytical Toxicology</i> , 2007 , 31, 144-9	2.9	34
150	Trihalomethane occurrence in chlorinated reclaimed water at full-scale wastewater treatment plants in NE Spain. <i>Water Research</i> , 2007 , 41, 3337-44	12.5	47
149	Screening ecological risk assessment of persistent organic pollutants in Mediterranean sea sediments. <i>Environment International</i> , 2007 , 33, 867-76	12.9	86
148	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, 104-13	9.3	84

147	Assessment of the Mediterranean sediments contamination by persistent organic pollutants. <i>Environmental Pollution</i> , 2007 , 148, 396-408	9.3	92
146	Mercury levels and liver pathology in feral fish living in the vicinity of a mercury cell chlor-alkali factory. <i>Chemosphere</i> , 2007 , 66, 1217-25	8.4	57
145	Transport of organic contaminants through salinity stratified water masses. A microcosm experiment. <i>Chemosphere</i> , 2007 , 66, 730-7	8.4	2
144	Behavior of selected priority organic pollutants in horizontal subsurface flow constructed wetlands: a preliminary screening. <i>Chemosphere</i> , 2007 , 69, 1374-80	8.4	74
143	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	1.8	21
142	Mercury speciation in the hair of pre-school children living near a chlor-alkali plant. <i>Science of the Total Environment</i> , 2006 , 369, 51-8	10.2	48
141	Spatial and temporal trends of petroleum hydrocarbons in wild mussels from the Galician coast (NW Spain) affected by the Prestige oil spill. <i>Science of the Total Environment</i> , 2006 , 370, 80-90	10.2	85
140	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, 250-9	6.7	150
139	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, 260-71	6.7	89
138	Elimination of pharmaceuticals and personal care products in subsurface flow constructed wetlands. <i>Environmental Science & Technology</i> , 2006 , 40, 5811-6	10.3	267
137	The Prestige oil 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, 2578-85	10.3	75
136	Organic contaminant loads into the Western Mediterranean Sea: estimate of Ebro River inputs. <i>Chemosphere</i> , 2006 , 65, 224-36	8.4	101
135	Monitoring the photochemical degradation of triclosan in wastewater by UV light and sunlight using solid-phase microextraction. <i>Chemosphere</i> , 2006 , 65, 1338-47	8.4	130
134	Occurrence and degradation of butyltins and wastewater marker compounds in sediments from Barcelona harbor, Spain. <i>Environment International</i> , 2006 , 32, 858-65	12.9	59
133	Pilot survey of a broad range of priority pollutants in sediment and fish from the Ebro river basin (NE Spain). <i>Environmental Pollution</i> , 2006 , 140, 471-82	9.3	120
132	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	3.3	27
131	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, 157-66	4.5	30
130	Trace element determination by combining solid-phase microextraction hyphenated to elemental and molecular detection techniques. <i>Journal of Chromatographic Science</i> , 2006 , 44, 458-71	1.4	15

129	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	1.8	7
128	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, 6012-8	7.8	16
127	Comparison of sampling devices for the determination of polychlorinated biphenyls in the sea surface microlayer. <i>Marine Environmental Research</i> , 2005 , 59, 255-75	3.3	25
126	Effect of design parameters in horizontal flow constructed wetland on the behaviour of volatile fatty acids and volatile alkylsulfides. <i>Chemosphere</i> , 2005 , 59, 769-77	8.4	28
125	Survey of organotin compounds in rivers and coastal environments in Portugal 1999-2000. <i>Environmental Pollution</i> , 2005 , 136, 525-36	9.3	92
124	Behavior of selected pharmaceuticals in subsurface flow constructed wetlands: a pilot-scale study. <i>Environmental Science & Technology</i> , 2005 , 39, 5449-54	10.3	147
123	Enrichment of organochlorine contaminants in the sea surface microlayer: An organic carbon-driven process. <i>Marine Chemistry</i> , 2005 , 96, 331-345	3.7	40
122	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	4.5	54
121	Development of a procedure for the determination of perfluorocarboxylic acids in sediments by pressurised fluid extraction, headspace solid-phase microextraction followed by gas chromatographic-mass spectrometric determination. <i>Journal of Chromatography A</i> , 2005 , 1083, 1-6	4.5	42
120	Effect of key design parameters on the efficiency of horizontal subsurface flow constructed wetlands. <i>Ecological Engineering</i> , 2005 , 25, 405-418	3.9	171
119	The prestige oil spill. I. Biodegradation of a heavy fuel oil under simulated conditions. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 2203-17	3.8	93
118	Predicting single and mixture toxicity of petrogenic polycyclic aromatic hydrocarbons to the copepod <i>Oithona davisae</i> . <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 2992-9	3.8	84
117	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	2.2	9
116	Evaluation of sampling devices for the determination of polycyclic aromatic hydrocarbons in surface microlayer coastal waters. <i>Marine Pollution Bulletin</i> , 2004 , 48, 961-8	6.7	25
115	Determination of perfluorocarboxylic acids in aqueous matrices by ion-pair solid-phase microextraction-in-port derivatization-gas chromatography-negative ion chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1042, 155-62	4.5	75
114	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, 71-5	4.5	31
113	Fast solid-phase extraction-gas chromatography-mass spectrometry procedure for oil fingerprinting. Application to the Prestige oil spill. <i>Journal of Chromatography A</i> , 2004 , 1025, 133-8	4.5	70
112	Factors affecting linear alkylbenzene sulfonates removal in subsurface flow constructed wetlands. <i>Environmental Science & Technology</i> , 2004 , 38, 2657-63	10.3	49

111	Sources, distribution and behaviour of methyl tert-butyl ether (MTBE) in the Tamar Estuary, UK. <i>Chemosphere</i> , 2004 , 57, 429-37	8.4	13
110	Initial contaminant removal performance factors in horizontal flow reed beds used for treating urban wastewater. <i>Water Research</i> , 2004 , 38, 1669-78	12.5	142
109	Volatile fatty acids as malodorous compounds in wool scouring water and lanolin. Origin and characterisation. <i>Environmental Technology (United Kingdom)</i> , 2003 , 24, 1465-70	2.6	
108	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	3.4	36
107	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	6.6	13
106	Determination of linear alkylbenzenesulfonates in aqueous matrices by ion-pair solid-phase microextraction-in-port derivatization-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2003 , 999, 51-60	4.5	44
105	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, 3509-14	5.7	70
104	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, 607-13	3.1	38
103	Determination of Irgarol 1051 in Western Mediterranean sediments. Development and application of supercritical fluid extraction-immunoaffinity chromatography procedure. <i>Water Research</i> , 2003 , 37, 3658-65	12.5	18
102	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, 120-9	3.2	6
101	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, 213-20	4.5	29
100	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	4.5	28
99	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, 249-57	4.5	36
98	Gas chromatographic and mass spectrometric methods for the characterisation of long-chain fatty acids: Application to wool wax extracts. <i>Analytica Chimica Acta</i> , 2002 , 465, 359-378	6.6	43
97	Determination of methylmercury in human hair by ethylation followed by headspace solid-phase microextraction-gas chromatography-cold-vapour atomic fluorescence spectrometry. <i>Journal of Chromatography A</i> , 2002 , 963, 345-51	4.5	60
96	Complete characterisation of lanolin sterol 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, 249-58	4.5	18
95	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	2.9	33
94	Chapter 26 Sample preparation techniques for soil analysis. <i>Comprehensive Analytical Chemistry</i> , 2002 , 895-918	1.9	1

93	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, 5237-42	7.8	41
92	Determination of Organic Contaminants in Landfill Leachates: A Review. <i>International Journal of Environmental Analytical Chemistry</i> , 2002 , 82, 415-430	1.8	16
91	Organotin contamination in sediments from the Western Mediterranean enclosures following 10 years of TBT regulation. <i>Water Research</i> , 2002 , 36, 905-18	12.5	233
90	Biogeochemical characterization of particulate organic matter from a coastal hydrothermal vent zone in the Aegean Sea. <i>Organic Geochemistry</i> , 2002 , 33, 1609-1620	3.1	14
89	Evaluation of capillary gas chromatography columns for the determination of free volatile amines after solid-phase microextraction. <i>Chromatographia</i> , 2001 , 54, 109-113	2.1	8
88	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	3.7	8
87	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	4.5	28
86	Photolysis of PAHs in aqueous phase by UV irradiation. <i>Chemosphere</i> , 2001 , 44, 119-24	8.4	67
85	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, 2682-9	10.3	20
84	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, 287-94	4.5	51
83	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, 107-15	4.5	100
82	Supercritical fluid extraction in speciation studies. <i>TrAC - Trends in Analytical Chemistry</i> , 2000 , 19, 107-112	4.6	34
81	Distribution of Trialkylamines and Coprostanol in San Pedro Shelf Sediments Adjacent to a Sewage Outfall. <i>Marine Pollution Bulletin</i> , 2000 , 40, 680-687	6.7	31
80	Evaluation of acute toxicity and genotoxicity of liquid products from pyrolysis of Eucalyptus grandis wood. <i>Archives of Environmental Contamination and Toxicology</i> , 2000 , 38, 169-75	3.2	27
79	Evaluation of anthropogenic and biogenic inputs into the western Mediterranean using molecular markers. <i>Marine Chemistry</i> , 1999 , 65, 195-210	3.7	38
78	Development of a novel supercritical fluid extraction procedure for lanolin extraction from raw wool. <i>Analytica Chimica Acta</i> , 1999 , 381, 39-48	6.6	23
77	Determination of Benzo[a]pyrene Diones in Air Particulate Matter with Liquid Chromatography Mass Spectrometry. <i>Environmental Science & Technology</i> , 1999 , 33, 1552-1558	10.3	56
76	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, 3531-7	7.8	115

75	Characterization of organic compounds in soil and water affected by pyrite tailing spillage. <i>Science of the Total Environment</i> , 1999 , 242, 167-178	10.2	18
74	Physico-chemical characterization 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	10.2	17
73	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	10.3	133
72	Monsoon-Driven Vertical Fluxes of Organic Pollutants in the Western Arabian Sea. <i>Environmental Science & Technology</i> , 1999 , 33, 3949-3956	10.3	38
71	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	10.3	22
70	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	4.5	15
69	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	3.1	6
68	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	3.7	29
67	Butyltins in sediments from Santa Monica and San Pedro basins, California. <i>Environmental Pollution</i> , 1998 , 99, 263-9	9.3	18
66	On the occurrence of microscale chemical patches in fractal aggregates. <i>Ecological Modelling</i> , 1998 , 107, 87-92	3	6
65	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	1.8	8
64	Complete elimination of interferences in the organotin determination by oxidation with dimethyldioxirane combined with alumina cleanup. <i>Analytical Chemistry</i> , 1998 , 70, 3703-7	7.8	28
63	Langmuir-Derived Model for Diffusion- and Reaction-Limited Adsorption of Organic Compounds on Fractal Aggregates. <i>Environmental Science & Technology</i> , 1997 , 31, 2754-2760	10.3	20
62	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	10.3	44
61	Spatial, Vertical Distribution and Budget of Polycyclic Aromatic Hydrocarbons in the Western Mediterranean Seawater. <i>Environmental Science & Technology</i> , 1997 , 31, 682-688	10.3	104
60	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	2.3	127
59	Carbon sources and cycle in the western Mediterranean. 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	2.3	58
58	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	2.3	68

57	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	8.4	35
56	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		18
55	Spatial distribution, vertical profiles and budget of organochlorine compounds in Western Mediterranean seawater. <i>Marine Chemistry</i> , 1997 , 57, 313-324	3.7	47
54	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	2.2	6
53	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	6.6	9
52	Supercritical fluid extraction of priority organotin contaminants from biological matrices. <i>Analytica Chimica Acta</i> , 1997 , 355, 269-276	6.6	17
51	Aliphatic and Polycyclic Aromatic Hydrocarbons and Sulfur/Oxygen Derivatives in Northwestern Mediterranean Sediments: Spatial and Temporal Variability, Fluxes, and Budgets. <i>Environmental Science & Technology</i> , 1996 , 30, 2495-2503	10.3	242
50	Flicker Noise in Vertical Fluxes of Particle-Associated Contaminants in the Marine Environment. <i>Environmental Science & Technology</i> , 1996 , 30, 3392-3396	10.3	2
49	Supercritical fluid extraction of atrazine and its metabolites from soil. <i>Journal of High Resolution Chromatography</i> , 1996 , 19, 23-26		9
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	3.7	92
47	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	4.5	28
46	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	4.5	126
45	Use of Supercritical Fluid Extraction for Pirimicarb Determination in Soil. <i>Journal of Agricultural and Food Chemistry</i> , 1995 , 43, 395-400	5.7	24
44	Bioassay-directed chemical analysis of genotoxic components in urban airborne particulate matter from Barcelona (Spain). <i>Chemosphere</i> , 1995 , 30, 725-40	8.4	44
43	Molecular markers in Tokyo Bay sediments: Sources and distribution. <i>Marine Environmental Research</i> , 1995 , 40, 77-92	3.3	60
42	Spatial and temporal distribution, fluxes, and budgets of organochlorinated compounds in Northwest Mediterranean sediments. <i>Environmental Science & Technology</i> , 1995 , 29, 2519-27	10.3	144
41	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		35
40	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	6.6	39

39	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	4.5	30
38	Development of a supercritical fluid extraction procedure for tributyltin determination in sediments. <i>Analytica Chimica Acta</i> , 1994 , 286, 319-327	6.6	43
37	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	3.1	15
36	The role of supercritical fluid extraction and chromatography in organotin speciation studies. <i>TrAC - Trends in Analytical Chemistry</i> , 1994 , 13, 327-332	14.6	26
35	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	2.1	22
34	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	7.8	74
33	Sources and seasonal variability of mutagenic agents in the Barcelona City aerosol. <i>Chemosphere</i> , 1994 , 29, 441-50	8.4	46
32	Optimization of a flame photometric detector for supercritical fluid chromatography of organotin compounds. <i>Journal of Chromatography A</i> , 1993 , 636, 277-283	4.5	15
31	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	4.5	36
30	Bioassay-directed chemical analysis of genotoxic components in coastal sediments. <i>Environmental Science & Technology</i> , 1992 , 26, 817-829	10.3	127
29	Distribution of surfactant markers in sediments from Santa Monica basin, southern California. <i>Marine Pollution Bulletin</i> , 1992 , 24, 403-407	6.7	33
28	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	3.2	30
27	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	4.5	47
26	Tributyltin speciation in aquatic matrices by CGC-FPD and CGC-MS confirmation. <i>Mikrochimica Acta</i> , 1992 , 109, 87-91	5.8	15
25	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		71
24	Characterization of cationic surfactant markers and their abiotic degradation products by CGC-EI/PICI MS. <i>Fresenius Journal of Analytical Chemistry</i> , 1991 , 339, 212-217		6
23	Vapor-particle partitioning of hydrocarbons in Western Mediterranean urban and marine atmospheres. <i>Mikrochimica Acta</i> , 1991 , 104, 13-27	5.8	15
22	Partitioning of urban wastewater organic microcontaminants among coastal compartments. <i>Chemosphere</i> , 1991 , 23, 313-326	8.4	32

21	Identification and occurrence of brominated and nitrated phenols in estuarine sediments. <i>Marine Pollution Bulletin</i> , 1991 , 22, 603-607	6.7	17
20	Characterization of genotoxic components in sediments by mass spectrometric techniques combined with Salmonella/microsome test. <i>Archives of Environmental Contamination and Toxicology</i> , 1990 , 19, 175-84	3.2	47
19	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	1.8	46
18	Assessment of fecal sterols and ketones as indicators of urban sewage inputs to coastal waters. <i>Environmental Science & Technology</i> , 1990 , 24, 357-363	10.3	315
17	Fate of cationic surfactants in the marine environment, II: Photooxidation of long-chain alkylamines in aqueous media. <i>Chemosphere</i> , 1990 , 20, 599-607	8.4	6
16	Steroid alcohols and ketones in coastal waters of the western Mediterranean: Sources and seasonal variability. <i>Marine Chemistry</i> , 1989 , 27, 79-104	3.7	28
15	Chemical composition of environmental tobacco smoke. 2. Particulate-phase compounds. <i>Environmental Science & Technology</i> , 1989 , 23, 688-699	10.3	68
14	Fate of cationic surfactants in the marine environment, I. Bioconcentration of long-chain alkylnitriles and trialkylamines. <i>Chemosphere</i> , 1989 , 19, 1819-1827	8.4	6
13	Chemical composition of environmental tobacco smoke. 1. Gas-phase acids and bases. <i>Environmental Science & Technology</i> , 1989 , 23, 679-687	10.3	91
12	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, 461-7		13
11	Identification and comparison of low-molecular-weight neutral constituents in two different coal extracts. <i>Fuel</i> , 1988 , 67, 45-57	7.1	27
10	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, 155-64	4.5	36
9	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, 1440-7	10.3	47
8	Selective Gas Chromatographic Stationary Phases for Nitrogen-Containing Polycyclic Aromatic Compounds. <i>International Journal of Environmental Analytical Chemistry</i> , 1987 , 28, 263-278	1.8	23
7	A comparison of vaporizing injectors for trace analysis in capillary gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1986 , 9, 59-60		2
6	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	1.8	71
5	Selective aerobic degradation of linear alkylbenzenes by pure microbial cultures. <i>Chemosphere</i> , 1986 , 15, 595-598	8.4	46
4	Degradation of aromatic petroleum hydrocarbons by pure microbial cultures. <i>Chemosphere</i> , 1984 , 13, 593-601	8.4	33

3	Recent contributions of high resolution gas chromatography to the analysis of environmental hydrocarbons. <i>Journal of High Resolution Chromatography</i> , 1983 , 6, 605-611		17
2	Evaluation of glass capillary columns for geochemical analysis. <i>Chromatographia</i> , 1982 , 16, 271-274	2.1	9
1	Sources and Fate of Organic Contaminants in the Marine Environment		323-370