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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	Contaminant Removal Processes in Subsurface-Flow Constructed Wetlands: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2010</b> , 40, 561-661	11.1	333
289	Assessment of fecal sterols and ketones as indicators of urban sewage inputs to coastal waters. <i>Environmental Science &amp; Technology</i> , <b>1990</b> , 24, 357-363	10.3	315
288	Organic micropollutant removal in a full-scale surface flow constructed wetland fed with secondary effluent. <i>Water Research</i> , <b>2008</b> , 42, 653-60	12.5	271
287	Elimination of pharmaceuticals and personal care products in subsurface flow constructed wetlands. <i>Environmental Science &amp; Technology</i> , <b>2006</b> , 40, 5811-6	10.3	267
286	Capability of microalgae-based wastewater treatment systems to remove emerging organic contaminants: a pilot-scale study. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 288, 34-42	12.8	258
285	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> , <b>2017</b> , 123, 448-467	12.5	251
284	Aliphatic and Polycyclic Aromatic Hydrocarbons and Sulfur/Oxygen Derivatives in Northwestern Mediterranean Sediments: Spatial and Temporal Variability, Fluxes, and Budgets. <i>Environmental Science &amp; Technology</i> , <b>1996</b> , 30, 2495-2503	10.3	242
283	Organotin contamination in sediments from the Western Mediterranean enclosures following 10 years of TBT regulation. <i>Water Research</i> , <b>2002</b> , 36, 905-18	12.5	233
282	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> , <b>2010</b> , 44, 3669-78	12.5	194
281	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 &amp; Technology</i> , <b>2007</b> , 41, 8171-7	10.3	194
280	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> , <b>2016</b> , 301, 197-205	12.8	186
279	Assessment of full-scale natural systems for the removal of PPCPs from wastewater in small communities. <i>Water Research</i> , <b>2010</b> , 44, 1429-39	12.5	178
278	Preliminary screening of small-scale domestic wastewater treatment systems for removal of pharmaceutical and personal care products. <i>Water Research</i> , <b>2009</b> , 43, 55-62	12.5	175
277	Effect of key design parameters on the efficiency of horizontal subsurface flow constructed wetlands. <i>Ecological Engineering</i> , <b>2005</b> , 25, 405-418	3.9	171
276	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> , <b>2006</b> , 53, 250-9	6.7	150
275	Behavior of selected pharmaceuticals in subsurface flow constructed wetlands: a pilot-scale study. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 5449-54	10.3	147
274	Spatial and temporal distribution, fluxes, and budgets of organochlorinated compounds in Northwest Mediterranean sediments. <i>Environmental Science &amp; Technology</i> , <b>1995</b> , 29, 2519-27	10.3	144

273	Initial contaminant removal performance factors in horizontal flow reed beds used for treating urban wastewater. <i>Water Research</i> , <b>2004</b> , 38, 1669-78	12.5	142
272	Sources, Distribution, and Water Column Processes of Aliphatic and Polycyclic Aromatic Hydrocarbons in the Northwestern Black Sea Water. <i>Environmental Science &amp; Technology</i> , <b>1999</b> , 33, 2693-2702	10.3	133
271	Assessment of the pharmaceutical active compounds removal in wastewater treatment systems at enantiomeric level. Ibuprofen and naproxen. <i>Chemosphere</i> , <b>2009</b> , 75, 200-5	8.4	131
270	Photodegradation of Carbamazepine, Ibuprofen, Ketoprofen and 17 $\beta$ -Ethinylestradiol in Fresh and Seawater. <i>Water, Air, and Soil Pollution</i> , <b>2009</b> , 196, 161-168	2.6	130
269	Monitoring the photochemical degradation of triclosan in wastewater by UV light and sunlight using solid-phase microextraction. <i>Chemosphere</i> , <b>2006</b> , 65, 1338-47	8.4	130
268	Emerging organic contaminant removal in a full-scale hybrid constructed wetland system for wastewater treatment and reuse. <i>Ecological Engineering</i> , <b>2015</b> , 80, 108-116	3.9	129
267	Screening of 47 organic microcontaminants in agricultural irrigation waters and their soil loading. <i>Water Research</i> , <b>2011</b> , 45, 221-31	12.5	129
266	Mass budget and dynamics of polycyclic aromatic hydrocarbons in the Mediterranean Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>1997</b> , 44, 881-905	2.3	127
265	Bioassay-directed chemical analysis of genotoxic components in coastal sediments. <i>Environmental Science &amp; Technology</i> , <b>1992</b> , 26, 817-829	10.3	127
264	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> , <b>1995</b> , 696, 113-122	4.5	126
263	Emerging organic contaminant removal depending on primary treatment and operational strategy in horizontal subsurface flow constructed wetlands: influence of redox. <i>Water Research</i> , <b>2013</b> , 47, 315-25	12.5	120
262	Pilot survey of a broad range of priority pollutants in sediment and fish from the Ebro river basin (NE Spain). <i>Environmental Pollution</i> , <b>2006</b> , 140, 471-82	9.3	120
261	Behaviour of pharmaceutical products and biodegradation intermediates in horizontal subsurface flow constructed wetland. A microcosm experiment. <i>Science of the Total Environment</i> , <b>2008</b> , 394, 171-6	10.2	118
260	Assessment of photochemical processes in marine oil spill fingerprinting. <i>Marine Pollution Bulletin</i> , <b>2014</b> , 79, 268-77	6.7	115
259	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> , <b>1999</b> , 71, 3531-7	7.8	115
258	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> , <b>2008</b> , 25, 511-8	3.2	111
257	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> , <b>2011</b> , 83, 9289-97	7.8	104
256	Spatial, Vertical Distribution and Budget of Polycyclic Aromatic Hydrocarbons in the Western Mediterranean Seawater. <i>Environmental Science &amp; Technology</i> , <b>1997</b> , 31, 682-688	10.3	104

255	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> , <b>2014</b> , 470-471, 1272-80	10.2	101
254	Organic contaminant loads into the Western Mediterranean Sea: estimate of Ebro River inputs. <i>Chemosphere</i> , <b>2006</b> , 65, 224-36	8.4	101
253	Occurrence and potential crop uptake of emerging contaminants and related compounds in an agricultural irrigation network. <i>Science of the Total Environment</i> , <b>2011</b> , 412-413, 14-9	10.2	100
252	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> , <b>2000</b> , 873, 107-15	4.5	100
251	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> , <b>2010</b> , 82, 699-706	7.8	99
250	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> , <b>2016</b> , 305, 139-148	12.8	95
249	Capacity of a horizontal subsurface flow constructed wetland system for the removal of emerging pollutants: an injection experiment. <i>Chemosphere</i> , <b>2010</b> , 81, 1137-42	8.4	94
248	The prestige oil spill. I. Biodegradation of a heavy fuel oil under simulated conditions. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 2203-17	3.8	93
247	Assessment of the Mediterranean sediments contamination by persistent organic pollutants. <i>Environmental Pollution</i> , <b>2007</b> , 148, 396-408	9.3	92
246	Survey of organotin compounds in rivers and coastal environments in Portugal 1999-2000. <i>Environmental Pollution</i> , <b>2005</b> , 136, 525-36	9.3	92
245	Vertical fluxes of polycyclic aromatic hydrocarbons and organochlorine compounds in the western Alboran Sea (southwestern Mediterranean). <i>Marine Chemistry</i> , <b>1996</b> , 52, 75-86	3.7	92
244	Chemical composition of environmental tobacco smoke. 1. Gas-phase acids and bases. <i>Environmental Science &amp; Technology</i> , <b>1989</b> , 23, 679-687	10.3	91
243	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> , <b>2006</b> , 53, 260-71	6.7	89
242	Temporal evolution in PPCP removal from urban wastewater by constructed wetlands of different configuration: a medium-term study. <i>Chemosphere</i> , <b>2012</b> , 88, 161-7	8.4	88
241	Hair mercury levels in an urban population from southern Italy: fish consumption as a determinant of exposure. <i>Environment International</i> , <b>2008</b> , 34, 162-7	12.9	87
240	Removal of priority pollutants from water by means of dielectric barrier discharge atmospheric plasma. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 262, 664-73	12.8	86
239	Screening ecological risk assessment of persistent organic pollutants in Mediterranean sea sediments. <i>Environment International</i> , <b>2007</b> , 33, 867-76	12.9	86
238	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> , <b>2006</b> , 370, 80-90	10.2	85

237	Distribution of polycyclic aromatic hydrocarbons (PAHs) and tributyltin (TBT) in Barcelona harbour sediments and their impact on benthic communities. <i>Environmental Pollution</i> , <b>2007</b> , 149, 104-13	9.3	84
236	Predicting single and mixture toxicity of petrogenic polycyclic aromatic hydrocarbons to the copepod <i>Oithona davisae</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 2992-9	3.8	84
235	Uptake of organic emergent contaminants in spath and lettuce: an in vitro experiment. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 2000-7	5.7	82
234	Evaluation of PPCPs removal in a combined anaerobic digester-constructed wetland pilot plant treating urban wastewater. <i>Chemosphere</i> , <b>2011</b> , 84, 1200-7	8.4	79
233	Behaviour of pharmaceuticals and personal care products in constructed wetland compartments: Influent, effluent, pore water, substrate and plant roots. <i>Chemosphere</i> , <b>2016</b> , 145, 508-17	8.4	77
232	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> , <b>2014</b> , 494-495, 211-7	10.2	77
231	Prestige oil spill. III. Fate of a heavy oil in the marine environment. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 3075-82	10.3	77
230	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 &amp; Technology</i> , <b>2006</b> , 40, 2578-85	10.3	75
229	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> , <b>2004</b> , 1042, 155-62	4.5	75
228	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> , <b>2008</b> , 407, 178-84	10.2	74
227	Behavior of selected priority organic pollutants in horizontal subsurface flow constructed wetlands: a preliminary screening. <i>Chemosphere</i> , <b>2007</b> , 69, 1374-80	8.4	74
226	In situ Derivatization and Supercritical Fluid Extraction for the Simultaneous Determination of Butyltin and Phenyltin Compounds in Sediment. <i>Analytical Chemistry</i> , <b>1994</b> , 66, 1161-1167	7.8	74
225	Water quality improvement in a full-scale tertiary constructed wetland: effects on conventional and specific organic contaminants. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 2517-24	10.2	72
224	Ranking of crop plants according to their potential to uptake and accumulate contaminants of emerging concern. <i>Environmental Research</i> , <b>2019</b> , 170, 422-432	7.9	72
223	Organotin speciation in aquatic matrices by CGC/FPD, ECD and MS, and LC/MS. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1991</b> , 339, 646-653		71
222	Selective Aerobic Degradation of Methyl-Substituted Polycyclic Aromatic Hydrocarbons in Petroleum by Pure Microbial Culture. <i>International Journal of Environmental Analytical Chemistry</i> , <b>1986</b> , 23, 289-303	1.8	71
221	Fast solid-phase extraction-gas chromatography-mass spectrometry procedure for oil fingerprinting. Application to the Prestige oil spill. <i>Journal of Chromatography A</i> , <b>2004</b> , 1025, 133-8	4.5	70
220	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> , <b>2003</b> , 51, 3509-14	5.7	70

219	Occurrence and fate of benzothiazoles and benzotriazoles in constructed wetlands. <i>Water Science and Technology</i> , <b>2010</b> , 61, 191-8	2.2	68
218	PCBs in the western Mediterranean. Temporal trends and mass balance assessment. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>1997</b> , 44, 907-928	2.3	68
217	Chemical composition of environmental tobacco smoke. 2. Particulate-phase compounds. <i>Environmental Science &amp; Technology</i> , <b>1989</b> , 23, 688-699	10.3	68
216	Photolysis of PAHs in aqueous phase by UV irradiation. <i>Chemosphere</i> , <b>2001</b> , 44, 119-24	8.4	67
215	Prenatal and early childhood exposure to mercury and methylmercury in Spain, a high-fish-consumer country. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2009</b> , 56, 615-22	3.2	66
214	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> , <b>2009</b> , 1216, 4013-9	4.5	66
213	Mitigation of emerging contaminants by full-scale horizontal flow constructed wetlands fed with secondary treated wastewater. <i>Ecological Engineering</i> , <b>2017</b> , 99, 222-227	3.9	62
212	Methylmercury levels and bioaccumulation in the aquatic food web of a highly mercury-contaminated reservoir. <i>Environment International</i> , <b>2011</b> , 37, 1213-8	12.9	62
211	Quantification and source identification of polycyclic aromatic hydrocarbons in core sediments from Sundarban mangrove wetland, India. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2010</b> , 59, 49-61	3.2	61
210	Physiological responses to mercury in feral carp populations inhabiting the low Ebro River (NE Spain), a historically contaminated site. <i>Aquatic Toxicology</i> , <b>2009</b> , 93, 150-7	5.1	60
209	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> , <b>2002</b> , 963, 345-51	4.5	60
208	Molecular markers in Tokyo Bay sediments: Sources and distribution. <i>Marine Environmental Research</i> , <b>1995</b> , 40, 77-92	3.3	60
207	Occurrence and degradation of butyltins and wastewater marker compounds in sediments from Barcelona harbor, Spain. <i>Environment International</i> , <b>2006</b> , 32, 858-65	12.9	59
206	Carbon sources and cycle in the western MediterraneanThe use of molecular markers to determine the origin of organic matter. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>1997</b> , 44, 781-799	2.3	58
205	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> , <b>2008</b> , 394, 275-82	10.2	58
204	The Prestige oil spill: bacterial community dynamics during a field biostimulation assay. <i>Applied Microbiology and Biotechnology</i> , <b>2007</b> , 77, 935-45	5.7	58
203	Mercury levels and liver pathology in feral fish living in the vicinity of a mercury cell chlor-alkali factory. <i>Chemosphere</i> , <b>2007</b> , 66, 1217-25	8.4	57
202	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> , <b>2011</b> , 84, 1642-9	8.4	56



201	Determination of Benzo[a]pyrene Diones in Air Particulate Matter with Liquid Chromatography Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , <b>1999</b> , 33, 1552-1558	10.3	56
200	Determination of Hg and organomercury species following SPME: a review. <i>Talanta</i> , <b>2008</b> , 77, 21-7	6.2	55
199	Characterization of lipids in complex samples using comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , <b>2005</b> , 1086, 2-11	4.5	54
198	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> , <b>2009</b> , 149, 281-8	3.2	53
197	Occurrence and fate of polycyclic aromatic hydrocarbons in the coastal surface microlayer. <i>Marine Pollution Bulletin</i> , <b>2007</b> , 54, 186-94	6.7	53
196	Uptake of microcontaminants by crops irrigated with reclaimed water and groundwater under real field greenhouse conditions. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 3629-38	5.1	52
195	Statistical modelling of organic matter and emerging pollutants removal in constructed wetlands. <i>Bioresource Technology</i> , <b>2011</b> , 102, 4981-8	11	52
194	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> , <b>2000</b> , 891, 287-94	4.5	51
193	Determination of nitrosamines and caffeine metabolites in wastewaters using gas chromatography mass spectrometry and ionic liquid stationary phases. <i>Journal of Chromatography A</i> , <b>2012</b> , 1261, 164-70	4.5	50
192	Factors affecting linear alkylbenzene sulfonates removal in subsurface flow constructed wetlands. <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 2657-63	10.3	49
191	Mercury speciation in the hair of pre-school children living near a chlor-alkali plant. <i>Science of the Total Environment</i> , <b>2006</b> , 369, 51-8	10.2	48
190	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> , <b>2019</b> , 170, 16-25	7.9	48
189	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> , <b>2011</b> , 91, 823-34	5.7	47
188	Spatial distribution, vertical profiles and budget of organochlorine compounds in Western Mediterranean seawater. <i>Marine Chemistry</i> , <b>1997</b> , 57, 313-324	3.7	47
187	Trihalomethane occurrence in chlorinated reclaimed water at full-scale wastewater treatment plants in NE Spain. <i>Water Research</i> , <b>2007</b> , 41, 3337-44	12.5	47
186	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> , <b>1992</b> , 625, 141-149	4.5	47
185	Characterization of genotoxic components in sediments by mass spectrometric techniques combined with Salmonella/microsome test. <i>Archives of Environmental Contamination and Toxicology</i> , <b>1990</b> , 19, 175-84	3.2	47
184	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 &amp; Technology</i> , <b>1988</b> , 22, 1440-7	10.3	47

183	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> , <b>2012</b> , 1230, 117-22	4.5	46
182	Sources and seasonal variability of mutagenic agents in the Barcelona City aerosol. <i>Chemosphere</i> , <b>1994</b> , 29, 441-50	8.4	46
181	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> , <b>1990</b> , 39, 329-348	1.8	46
180	Selective aerobic degradation of linear alkylbenzenes by pure microbial cultures. <i>Chemosphere</i> , <b>1986</b> , 15, 595-598	8.4	46
179	Antibiotic resistance gene distribution in agricultural fields and crops. A soil-to-food analysis. <i>Environmental Research</i> , <b>2019</b> , 177, 108608	7.9	45
178	Analytical developments for oil spill fingerprinting. <i>Trends in Environmental Analytical Chemistry</i> , <b>2015</b> , 5, 26-34	12	45
177	Analytical procedures for the determination of emerging organic contaminants in plant material: a review. <i>Analytica Chimica Acta</i> , <b>2012</b> , 722, 8-20	6.6	45
176	Towards universal wavelength-specific photodegradation rate constants for methyl mercury in humic waters, exemplified by a Boreal lake-wetland gradient. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 6279-87	10.3	45
175	Influence of design, physico-chemical and environmental parameters on pharmaceuticals and fragrances removal by constructed wetlands. <i>Water Science and Technology</i> , <b>2011</b> , 63, 2527-34	2.2	45
174	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> , <b>2011</b> , 91, 632-653	1.8	45
173	Input Characterization of Sedimentary Organic Contaminants and Molecular Markers in the Northwestern Mediterranean Sea by Exploratory Data Analysis. <i>Environmental Science &amp; Technology</i> , <b>1997</b> , 31, 3482-3490	10.3	44
172	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> , <b>2003</b> , 999, 51-60	4.5	44
171	Bioassay-directed chemical analysis of genotoxic components in urban airborne particulate matter from Barcelona (Spain). <i>Chemosphere</i> , <b>1995</b> , 30, 725-40	8.4	44
170	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> , <b>2020</b> , 8, 102131	6.8	44
169	Gas chromatographic and mass spectrometric methods for the characterisation of long-chain fatty acids: Application to wool wax extracts. <i>Analytica Chimica Acta</i> , <b>2002</b> , 465, 359-378	6.6	43
168	Development of a supercritical fluid extraction procedure for tributyltin determination in sediments. <i>Analytica Chimica Acta</i> , <b>1994</b> , 286, 319-327	6.6	43
167	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> , <b>2009</b> , 394, 1319-27	4.4	42
166	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> , <b>2005</b> , 1083, 1-6	4.5	42



165	Removal of cyanide from water by means of plasma discharge technology. <i>Water Research</i> , <b>2013</b> , 47, 1701-7	12.5	41
164	Accumulation trends of petroleum hydrocarbons in commercial shellfish from the Galician coast (NW Spain) affected by the Prestige oil spill. <i>Chemosphere</i> , <b>2009</b> , 75, 534-41	8.4	41
163	Evaluation of accelerated solvent extraction for butyltin speciation in PACS-2 CRM using double-spike isotope dilution-GC/ICPMS. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 5237-42	7.8	41
162	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> , <b>2017</b> , 7, 6546	4.9	40
161	Enrichment of organochlorine contaminants in the sea surface microlayer: An organic carbon-driven process. <i>Marine Chemistry</i> , <b>2005</b> , 96, 331-345	3.7	40
160	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> , <b>1995</b> , 314, 183-192	6.6	39
159	Occurrence and human health implications of chemical contaminants in vegetables grown in peri-urban agriculture. <i>Environment International</i> , <b>2019</b> , 124, 49-57	12.9	38
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157	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> , <b>2013</b> , 405, 6235-49	4.4	38
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146	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> , <b>2013</b> , 443, 233-44	10.2	35
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