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Development of a multi-residue analytical methodology based on liquid chromatography-tandem mass spectrometry (LC-MS/MS) for screening and trace level determination of pharmaceuticals in surface and wastewaters

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#	Paper	IF	Citations
591	Chapter 2.4 Multi-residue analysis of pharmaceuticals using LC-tandem MS and LC-hybrid MS. 2007 , 50, 157-183		3
590	Application of liquid chromatography/quadrupole-linear Ion trap mass spectrometry and time-of-flight mass spectrometry to the determination of pharmaceuticals and related contaminants in wastewater. 2007 , 79, 9372-84		258
589	Determination of ibuprofen in pharmaceutical formulations using time-resolved terbium-sensitized luminescence. 2007 , 22, 294-301		24
588	Current literature in mass spectrometry. 2007 , 42, 830-841		
587	Challenges and achievements of LC-MS in environmental analysis: 25 years on. 2007 , 26, 2-11		85
586	Analytical strategies to determine quinolone residues in food and the environment. 2007 , 26, 534-556		184
585	Antibiotic residue determination in environmental waters by LC-MS. 2007 , 26, 466-485		140
584	The application to wastewaters of chemometric approaches to handling problems of highly complex matrices. 2007 , 26, 1032-1042		32
583	Advanced mass spectrometric methods applied to the study of fate and removal of pharmaceuticals in wastewater treatment. 2007 , 26, 1132-1144		85
582	Mass spectrometry for identifying pharmaceutical biotransformation products in the environment. 2007 , 26, 1076-1085		75
581	Simultaneous determination of various pharmaceutical compounds in water by solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1154, 205-13	4.5	131
580	Multi-residue method for the determination of basic/neutral pharmaceuticals and illicit drugs in surface water by solid-phase extraction and ultra performance liquid chromatography-positive electrospray ionisation tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1161, 132-45	4.5	316
579	Stereoisomer analysis of wastewater-derived beta-blockers, selective serotonin re-uptake inhibitors, and salbutamol by high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1170, 23-33	4.5	134
578	Novel analytical procedures for screening of drug residues in water, waste water, sediment and sludge. 2007 , 593, 129-39		129
577	Using calibration approaches to compensate for remaining matrix effects in quantitative liquid chromatography/electrospray ionization multistage mass spectrometric analysis of phytoestrogens in aqueous environmental samples. 2007 , 21, 4065-72		45
576	The occurrence of selected antibiotics in Hong Kong coastal waters. 2007 , 54, 1287-93		143
575	Wastewater treatment plants as a pathway for aquatic contamination by pharmaceuticals in the ebro river basin (northeast Spain). 2007 , 26, 1553-62		286

574	Multiresidue methods for the analysis of pharmaceuticals, personal care products and illicit drugs in surface water and wastewater by solid-phase extraction and ultra performance liquid chromatography-electrospray tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 391, 1293-308	4.4	248
573	Analysis of biologically active compounds in water by ultra-performance liquid chromatography quadrupole time-of-flight mass spectrometry. 2008 , 22, 41-51		64
572	Simultaneous determination of macrolides, sulfonamides, and other pharmaceuticals in water samples by solid-phase extraction and LC-(ESI) MS. 2008 , 31, 2182-8		30
571	Fast screening procedure for antibiotics in wastewaters by direct HPLC-DAD analysis. 2008 , 31, 2924-31		29
570	Separation and determination of ketoprofen, methylparaben and propylparaben in pharmaceutical preparation by micellar electrokinetic chromatography. 2008 , 48, 452-5		20
569	A combination of statistical and analytical evaluation methods as a new optimization strategy for the quantification of pharmaceutical residues in sewage effluent. 2008 , 613, 169-76		22
568	Trace level determination of beta-blockers in waste waters by highly selective molecularly imprinted polymers extraction followed by liquid chromatography-quadrupole-linear ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1189, 374-84	4.5	85
567	Simultaneous analysis of 16 sulfonamide and trimethoprim antibiotics in environmental waters by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1190, 390-3	4.5	93
566	Advances in stir bar sorptive extraction for the determination of acidic pharmaceuticals in environmental water matrices Comparison between polyurethane and polydimethylsiloxane polymeric phases. <i>Journal of Chromatography A</i> , 2008 , 1209, 10-6	4.5	120
565	Rapid analysis of iodinated X-ray contrast media in secondary and tertiary treated wastewater by direct injection liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1213, 200-8	4.5	51
564	Analysis of drugs of abuse and their human metabolites in water by LC-MS2: A non-intrusive tool for drug abuse estimation at the community level. 2008 , 27, 1053-1069		108
563	Rapid liquid chromatography-tandem mass spectrometry method for the determination of a broad mixture of pharmaceuticals in surface water. <i>Journal of Chromatography A</i> , 2008 , 1185, 206-15	4.5	101
562	Simultaneous Determination of Sulfonamides, Fluoroquinolones, Macrolides and Trimethoprim in Wastewater and River Water by LC-Tandem-MS. 2008 , 68, 747-758		62
561	Occurrence and fate of emerging wastewater contaminants in Western Balkan Region. <i>Science of the Total Environment</i> , 2008 , 399, 66-77	10.2	227
560	Clofibrate and gemfibrozil induce an embryonic malabsorption syndrome in zebrafish. 2008 , 228, 301-14		91
559	Ozonation of reverse osmosis concentrate: kinetics and efficiency of beta blocker oxidation. <i>Water Research</i> , 2008 , 42, 3003-12	12.5	215
558	The occurrence of pharmaceuticals, personal care products, endocrine disruptors and illicit drugs in surface water in South Wales, UK. <i>Water Research</i> , 2008 , 42, 3498-518	12.5	807
557	Rejection of pharmaceuticals in nanofiltration and reverse osmosis membrane drinking water treatment. <i>Water Research</i> , 2008 , 42, 3601-10	12.5	512

556	The effect of signal suppression and mobile phase composition on the simultaneous analysis of multiple classes of acidic/neutral pharmaceuticals and personal care products in surface water by solid-phase extraction and ultra performance liquid chromatography-negative electrospray tandem mass spectrometry. <i>Talanta</i> , 2008 , 74, 1299-312	6.2	118
555	Identification and quantification of ibuprofen, naproxen, ketoprofen and diclofenac present in waste-waters, as their trimethylsilyl derivatives, by gas chromatography mass spectrometry. <i>Talanta</i> , 2008 , 76, 642-50	6.2	75
554	Using liquid chromatography-ion trap mass spectrometry to determine pharmaceutical residues in Taiwanese rivers and wastewaters. <i>Chemosphere</i> , 2008 , 72, 863-9	8.4	37
553	Analysis of Emerging Contaminants of Municipal and Industrial Origin. <i>Handbook of Environmental Chemistry</i> , 2008 , 37-104	0.8	7
552	Effect of pH on degradation of acetaminophen and production of 1,4-benzoquinone in water chlorination. 2008 , 57, 381-390		17
551	Use of solid phase extraction and liquid chromatography-tandem mass spectrometry for simultaneous determination of various pharmaceuticals in surface water. <i>International Journal of Environmental Analytical Chemistry</i> , 2008 , 88, 1033-1048	1.8	35
550	Analyzing transformation products of synthetic chemicals. <i>Handbook of Environmental Chemistry</i> , 2008 , 43-81	0.8	1
549	Development of a Liquid Chromatography-Negative ESI-Tandem Mass Spectrometry Method for Ibuprofen with Minimization of Matrix Effects Associated with Phospholipids. 2008 , 31, 3194-3208		2
548	Removal of organic wastewater contaminants in septic systems using advanced treatment technologies. 2009 , 38, 149-56		24
547	Monitoring of Pharmaceutical Residues in Sewage Effluents. 2009 , 315-342		3
546	An analytical procedure for the determination of different therapeutic drugs in surface waters. <i>Water Science and Technology</i> , 2009 , 60, 449-58	2.2	4
545	Practical overview of analytical methods for endocrine-disrupting compounds, pharmaceuticals and personal care products in water and wastewater. 2009 , 367, 3923-39		48
544	Occurrence of pharmaceuticals in Taiwan's surface waters: impact of waste streams from hospitals and pharmaceutical production facilities. <i>Science of the Total Environment</i> , 2009 , 407, 3793-802	10.2	255
543	Solid phase extraction coupled to liquid chromatography-tandem mass spectrometry analysis of sulfonamides, tetracyclines, analgesics and hormones in surface water and wastewater in Luxembourg. <i>Science of the Total Environment</i> , 2009 , 407, 4736-43	10.2	190
542	An affordable method for the simultaneous determination of the most studied pharmaceutical compounds as wastewater and surface water pollutants. 2009 , 32, 3064-73		47
541	Coupling of solid-phase microextraction with micellar desorption and high performance liquid chromatography for the determination of pharmaceutical residues in environmental liquid samples. 2009 , 23, 1175-85		29
540	Rapid UPLC-MS/MS method for the determination of ketoprofen in human dermal microdialysis samples. 2009 , 50, 580-6		26
539	Validation of a fast liquid chromatography-UV method for the analysis of drugs used in combined cardiovascular therapy in human plasma. 2009 , 877, 3045-53		25

538	Behaviour and Fluxes of Dissolved Antibiotics, Analgesics and Hormones During Flood Events in a Small Heterogeneous Catchment in the Grand Duchy of Luxembourg. 2009 , 203, 79-98		21
537	Ultra performance liquid chromatography tandem mass spectrometry performance evaluation for analysis of antibiotics in natural waters. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 1709-18	4.4	74
536	Determination of pharmaceuticals in sewage sludge by pressurized liquid extraction (PLE) coupled to liquid chromatography-tandem mass spectrometry (LC-MS/MS). <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 1685-95	4.4	139
535	An overview of sample preparation procedures for LC-MS multiclass antibiotic determination in environmental and food samples. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 921-46	4.4	127
534	Monitoring carbamazepine in surface and wastewaters by an immunoassay based on a monoclonal antibody. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 1809-20	4.4	81
533	Bag-SPE--a convenient extraction method for screening of pharmaceutical residues in influent and effluent water from sewage treatment plants. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 1481-9	4.4	14
532	Chemical evaluation of contaminants in wastewater effluents and the environmental risk of reusing effluents in agriculture. 2009 , 28, 676-694		117
531	Multi-residue analytical method for the determination of emerging pollutants in water by solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 2958-69	4.5	192
530	Determination of multiple pharmaceutical classes in surface and ground waters by liquid chromatography-ion trap-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 4989-5000	4.5	168
529	Analysis of pharmaceuticals in indirect potable reuse systems using solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 5807-18	4.5	58
528	Pharmaceutical trace analysis in aqueous environmental matrices by liquid chromatography-ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009 , 1216, 7033-42	4.5	42
527	An overview of analytical methodologies for the determination of antibiotics in environmental waters. 2009 , 649, 158-79		218
526	Bridging levels of pharmaceuticals in river water with biological community structure in the Llobregat River basin (northeast Spain). 2009 , 28, 2706-14		155
525	Multistep approach for the structural identification of biotransformation products of iodinated X-ray contrast media by liquid chromatography/hybrid triple quadrupole linear ion trap mass spectrometry and (1)H and (13)C nuclear magnetic resonance. 2009 , 81, 9216-24		36
524	Ozonation of metoprolol: elucidation of oxidation pathways and major oxidation products. 2009 , 43, 5472-80		118
523	Fate and removal of pharmaceuticals and illicit drugs in conventional and membrane bioreactor wastewater treatment plants and by riverbank filtration. 2009 , 367, 3979-4003		126
522	Development of extraction method of pharmaceuticals and their occurrences found in Japanese wastewater treatment plants. <i>Environment International</i> , 2009 , 35, 815-20	12.9	134
521	Discharge of pharmaceutical products (PPs) through a conventional biological sewage treatment plant: MECs vs PECs?. <i>Environment International</i> , 2009 , 35, 787-92	12.9	95

520	EU-wide survey of polar organic persistent pollutants in European river waters. <i>Environmental Pollution</i> , 2009 , 157, 561-8	9.3	744
519	Illicit drugs and pharmaceuticals in the environment--forensic applications of environmental data, Part 2: Pharmaceuticals as chemical markers of faecal water contamination. <i>Environmental Pollution</i> , 2009 , 157, 1778-86	9.3	77
518	Analysis of veterinary antibiotic residues in swine wastewater and environmental water samples using optimized SPE-LC/MS/MS. <i>Chemosphere</i> , 2009 , 74, 1090-7	8.4	232
517	Removal of antibiotics and non-steroidal anti-inflammatory drugs by extended sludge age biological process. <i>Chemosphere</i> , 2009 , 77, 175-81	8.4	55
516	Psychiatric pharmaceuticals in the environment. <i>Chemosphere</i> , 2009 , 77, 1257-74	8.4	288
515	Multi-residue method for trace level determination of pharmaceuticals in solid samples using pressurized liquid extraction followed by liquid chromatography/quadrupole-linear ion trap mass spectrometry. <i>Talanta</i> , 2009 , 80, 363-71	6.2	195
514	The removal of pharmaceuticals, personal care products, endocrine disruptors and illicit drugs during wastewater treatment and its impact on the quality of receiving waters. <i>Water Research</i> , 2009 , 43, 363-80	12.5	1108
513	Fate of beta blockers and psycho-active drugs in conventional wastewater treatment. <i>Water Research</i> , 2009 , 43, 1060-74	12.5	210
512	Fate and distribution of pharmaceuticals in wastewater and sewage sludge of the conventional activated sludge (CAS) and advanced membrane bioreactor (MBR) treatment. <i>Water Research</i> , 2009 , 43, 831-41	12.5	843
511	Occurrence of the antidiabetic drug metformin in sewage and surface waters in Germany. 2009 , 11, 1608-13		113
510	Ozonation of propranolol: formation of oxidation products. 2009 , 43, 5086-93		86
509	JEM spotlight: recent advances in analysis of pharmaceuticals in the aquatic environment. 2009 , 11, 923-36		39
508	Occurrence and Fate of Pharmaceuticals and Illicit Drugs Under Water Scarcity. <i>Handbook of Environmental Chemistry</i> , 2009 , 197-228	0.8	2
507	Atenolol removal in microcosm constructed wetlands. <i>International Journal of Environmental Analytical Chemistry</i> , 2009 , 89, 835-848	1.8	31
506	Tracing pharmaceutical residues of different therapeutic classes in environmental waters by using liquid chromatography/quadrupole-linear ion trap mass spectrometry and automated library searching. 2009 , 81, 898-912		269
505	A preliminary investigation on the occurrence and distribution of antibiotics in the Yellow River and its tributaries, China. 2009 , 81, 248-54		83
504	Acute toxicity of pharmaceutical and personal care products on freshwater crustacean (<i>Thamnocephalus platyurus</i>) and fish (<i>Oryzias latipes</i>). 2009 , 34, 227-32		163
503	Occurrence of Pharmaceutical and Personal Care Products (PPCPs) in Surface Water from Mankyung River, South Korea. 2009 , 55, 249-258		150

502	Determination of Selected Corticosteroids in Sewage-treatment-plant Samples by Liquid Chromatography-mass Spectrometry. 2010 , 56, 547-556		25
501	Development and optimization of a HPLC-DAD method for the determination of diverse pharmaceuticals in estuarine surface waters. <i>Journal of Chromatographic Science</i> , 2010 , 48, 176-82	1.4	30
500	The challenge of analyzing beta-blocker drugs in sludge and wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 845-56	4.4	64
499	LC-QqLIT MS analysis of nine sulfonamides and one of their acetylated metabolites in the Llobregat River basin. Quantitative determination and qualitative evaluation by IDA experiments. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 1325-34	4.4	52
498	Validation and application of an LC-MS/MS method for the simultaneous quantification of 13 pharmaceuticals in seawater. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 1797-808	4.4	131
497	Determination of multi-class pharmaceuticals in wastewater by liquid chromatography-tandem mass spectrometry (LC-MS-MS). <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 1185-94	4.4	67
496	Occurrence and removal of PPCPs in municipal and hospital wastewaters in Greece. <i>Journal of Hazardous Materials</i> , 2010 , 179, 804-17	12.8	220
495	Winter accumulation of acidic pharmaceuticals in a Swedish river. <i>Environmental Science and Pollution Research</i> , 2010 , 17, 908-16	5.1	67
494	The Development of SPE Procedures and an UHPLC Method for the Simultaneous Determination of Ten Drugs in Water Samples. 2010 , 211, 417-425		34
493	Seasonal variations in the occurrence and fate of basic and neutral pharmaceuticals in a Swedish river-lake system. <i>Chemosphere</i> , 2010 , 80, 301-9	8.4	103
492	Advanced monitoring of pharmaceuticals and estrogens in the Llobregat River basin (Spain) by liquid chromatography-triple quadrupole-tandem mass spectrometry in combination with ultra performance liquid chromatography-time of flight-mass spectrometry. <i>Chemosphere</i> , 2010 , 80, 1337-44	8.4	95
491	Application of a novel solid-phase-extraction sampler and ultra-performance liquid chromatography quadrupole-time-of-flight mass spectrometry for determination of pharmaceutical residues in surface sea water. <i>Chemosphere</i> , 2010 , 80, 1255-60	8.4	57
490	Presence of pharmaceutically active compounds in Doña Park (Spain) main watersheds. <i>Journal of Hazardous Materials</i> , 2010 , 177, 1159-62	12.8	54
489	Investigation of acidic pharmaceuticals in river water and sediment by microwave-assisted extraction and gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2010 , 95, 353-358	4.8	58
488	A new sample preparation method for determination of acidic drugs in sewage sludge applying microwave assisted solvent extraction followed by gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2010 , 94, 36-41	4.8	33
487	Critical evaluation of the determination of pharmaceuticals, personal care products, phenolic endocrine disrupters and faecal steroids by GC/MS and PTV-GC/MS in environmental waters. 2010 , 658, 32-40		39
486	Determination of five beta-blockers in wastewaters by coupled-column liquid chromatography and fluorescence detection. 2010 , 666, 38-44		13
485	Hydrophilic hypercrosslinked polymeric sorbents for the solid-phase extraction of polar contaminants from water. <i>Journal of Chromatography A</i> , 2010 , 1217, 3238-43	4.5	64

484	Study on the matrix effect in the determination of selected pharmaceutical residues in seawater by solid-phase extraction and ultra-high-performance liquid chromatography-electrospray ionization low-energy collision-induced dissociation tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 1471-5	4.5	86
483	Determination of drugs of abuse in water by solid-phase extraction, derivatisation and gas chromatography-ion trap-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 1748-60	4.5	106
482	Multi-residue analysis of pharmaceutical compounds in wastewaters by dual solid-phase microextraction coupled to liquid chromatography electrospray ionization ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 3392-9	4.5	49
481	A validated analytical method for the determination of perfluorinated compounds in surface-, sea- and sewagewater using liquid chromatography coupled to time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 6616-22	4.5	57
480	Multi-residue analytical method for human pharmaceuticals and synthetic hormones in river water and sewage effluents by solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 6791-806	4.5	162
479	Removal of pharmaceuticals in microcosm constructed wetlands using <i>Typha</i> spp. and LECA. 2010 , 101, 886-92		138
478	Rapid resolution liquid chromatography-tandem mass spectrometry method for the determination of endocrine disrupting chemicals (EDCs), pharmaceuticals and personal care products (PPCPs) in wastewater irrigated soils. 2010 , 45, 682-93		36
477	Determination of selected non-steroidal anti-inflammatory drugs in wastewater by gas chromatography-mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2010 , 90, 219-229	1.8	27
476	Pilot survey of chemical contaminants from industrial and human activities in river waters of Spain. <i>International Journal of Environmental Analytical Chemistry</i> , 2010 , 90, 321-343	1.8	55
475	Fate of selected pharmaceuticals and personal care products after secondary wastewater treatment processes in Taiwan. <i>Water Science and Technology</i> , 2010 , 62, 2450-8	2.2	48
474	Sources, Occurrence, and Environmental Risk Assessment of Pharmaceuticals in the Ebro River Basin. <i>Handbook of Environmental Chemistry</i> , 2010 , 209-237	0.8	5
473	Environmental risk assessment of pharmaceuticals in rivers: relationships between hazard indexes and aquatic macroinvertebrate diversity indexes in the Llobregat River (NE Spain). <i>Environment International</i> , 2010 , 36, 153-62	12.9	306
472	Pollution by psychoactive pharmaceuticals in the Rivers of Madrid metropolitan area (Spain). <i>Environment International</i> , 2010 , 36, 195-201	12.9	152
471	Fate of beta-blocker human pharmaceuticals in surface water: comparison of measured and simulated concentrations in the Glatt Valley Watershed, Switzerland. <i>Water Research</i> , 2010 , 44, 936-48	12.5	152
470	Fate of antibiotics during municipal water recycling treatment processes. <i>Water Research</i> , 2010 , 44, 4295-323	12.3	505
469	Pharmacologically active compounds in the environment and their chirality. 2010 , 39, 4466-503		274
468	Multi-biomarker approach for the evaluation of the cyto-genotoxicity of paracetamol on the zebra mussel (<i>Dreissena polymorpha</i>). <i>Chemosphere</i> , 2010 , 79, 489-98	8.4	109
467	Simple thin-layer chromatographic method for analysis of ranitidine in its pharmaceutical formulations: Application to the analysis of photolytic degradation products. 2010 , 23, 304-308		2

466	Study on degradation process of famotidine hydrochloride in aqueous samples. 2010 , 92, 1409-1422		5
465	Implications of human pharmaceutical occurrence in the Sindian river of Taiwan: a strategic study of risk assessment. 2010 , 12, 261-70		17
464	Removal of pharmaceutical and personal care products from reverse osmosis retentate using advanced oxidation processes. 2011 , 45, 3665-71		119
463	Determination of human and veterinary antibiotics in indirect potable reuse systems. <i>International Journal of Environmental Analytical Chemistry</i> , 2011 , 91, 989-1012	1.8	12
462	Study on the use of <i>Typha</i> spp. for the phytotreatment of water contaminated with ibuprofen. <i>International Journal of Environmental Analytical Chemistry</i> , 2011 , 91, 654-667	1.8	38
461	Diurnal variability of pharmaceutical, personal care product, estrogen and alkylphenol concentrations in effluent from a tertiary wastewater treatment facility. 2011 , 45, 1228-34		100
460	On the adsorption/photodegradation of amoxicillin in aqueous solutions by an integrated photocatalytic adsorbent (IPCA): experimental studies and kinetics analysis. 2011 , 10, 1014-22		36
459	Ecopharmacovigilance. <i>Handbook of Environmental Chemistry</i> , 2011 , 213-241	0.8	1
458	A very fast and simple method for the determination of sulfonamide residues in seawaters. 2011 , 3, 1371		13
457	Occurrence and transport of tetracycline, sulfonamide, quinolone, and macrolide antibiotics in the Haihe River Basin, China. 2011 , 45, 1827-33		634
456	Identification of reaction products from reactions of free chlorine with the lipid-regulator gemfibrozil. <i>Water Research</i> , 2011 , 45, 1414-22	12.5	40
455	Evaluation of selected ubiquitous contaminants in the aquatic environment and their transformation products. A pilot study of their removal from a sewage treatment plant. <i>Water Research</i> , 2011 , 45, 2331-41	12.5	41
454	Identification of phase I metabolites of cardiovascular and anti-ulcer drugs in surface water samples with liquid-chromatography-mass spectrometry methods. <i>Talanta</i> , 2011 , 85, 1920-6	6.2	7
453	Determination of antihypertensive and anti-ulcer agents from surface water with solid-phase extraction-liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Talanta</i> , 2011 , 83, 1447-54	6.2	27
452	Characterization of atenolol transformation products in ozonation by using rapid resolution high-performance liquid chromatography/quadrupole-time-of-flight mass spectrometry. <i>Microchemical Journal</i> , 2011 , 99, 312-326	4.8	37
451	Behaviour and fate of nine recycled water trace organics during managed aquifer recharge in an aerobic aquifer. 2011 , 122, 53-62		50
450	Ecotoxicological impacts of clofibric acid and diclofenac in common carp (<i>Cyprinus carpio</i>) fingerlings: hematological, biochemical, ionoregulatory and enzymological responses. <i>Journal of Hazardous Materials</i> , 2011 , 195, 188-94	12.8	92
449	Assessing the fate of antibiotic contaminants in metal contaminated soils four years after cessation of long-term waste water irrigation. <i>Science of the Total Environment</i> , 2011 , 409, 540-7	10.2	68

448	Screening of pharmaceuticals and hormones at the regional scale, in surface and groundwaters intended to human consumption. <i>Environmental Pollution</i> , 2011 , 159, 2929-34	9.3	293
447	Evaluation of carbamazepine uptake and metabolization by <i>Typha</i> spp., a plant with potential use in phytotreatment. 2011 , 102, 7827-34		127
446	Cytotoxicity assessment of four pharmaceutical compounds on the zebra mussel (<i>Dreissena polymorpha</i>) haemocytes, gill and digestive gland primary cell cultures. <i>Chemosphere</i> , 2011 , 84, 91-100	8.4	58
445	Occurrence and distribution of pharmaceuticals in surface water, suspended solids and sediments of the Ebro river basin, Spain. <i>Chemosphere</i> , 2011 , 85, 1331-9	8.4	273
444	In situ aqueous derivatization and determination of non-steroidal anti-inflammatory drugs by salting-out-assisted liquid-liquid extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 6240-7	4.5	58
443	Multiresidue method for the analysis of emerging contaminants in wastewater by ultra performance liquid chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 6712-9	4.5	55
442	Critical evaluation of methodology commonly used in sample collection, storage and preparation for the analysis of pharmaceuticals and illicit drugs in surface water and wastewater by solid phase extraction and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 8036-59	4.5	183
441	Microextraction by packed sorbent for the analysis of pharmaceutical residues in environmental water samples by in situ derivatization-programmed temperature vaporizer-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 9390-6	4.5	48
440	Concentrations of dissolved herbicides and pharmaceuticals in a small river in Luxembourg. 2011 , 180, 127-46		35
439	Existence of Pharmaceutical Compounds in Tertiary Treated Urban Wastewater that is Utilized for Reuse Applications. 2011 , 25, 1183-1193		48
438	Assessment of the Potential Cytotoxicity of the Nonsteroidal Anti-Inflammatory Drug (NSAID) Diclofenac on the Zebra Mussel (<i>Dreissena polymorpha</i>). 2011 , 217, 589-601		44
437	Simultaneous determination of multi-class antibiotic residues in water using carrier-mediated hollow-fiber liquid-phase microextraction coupled with ultra-high performance liquid chromatography tandem mass spectrometry. <i>Mikrochimica Acta</i> , 2011 , 172, 39-49	5.8	47
436	Detection of 36 antibiotics in coastal waters using high performance liquid chromatography-tandem mass spectrometry. 2011 , 29, 1093-1102		42
435	Cleanup strategies and advantages in the determination of several therapeutic classes of pharmaceuticals in wastewater samples by SPE-LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 807-22	4.4	72
434	Pharmaceutical residues in environmental waters and wastewater: current state of knowledge and future research. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 251-75	4.4	610
433	Assessment of the occurrence and distribution of pharmaceuticals in a Mediterranean wetland (L'Albufera, Valencia, Spain) by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 1287-301	4.4	71
432	Behavior of amoxicillin in wastewater and river water: identification of its main transformation products by liquid chromatography/electrospray quadrupole time-of-flight mass spectrometry. 2011 , 25, 731-42		58
431	Analysis of Eblockers in groundwater using large-volume injection coupled-column reversed-phase liquid chromatography with fluorescence detection and liquid chromatography time-of-flight mass spectrometry. 2011 , 34, 1796-804		12

430	High-resolution mass spectrometry method for the detection, characterization and quantitation of pharmaceuticals in water. 2011 , 46, 1175-81		33
429	Photocatalytic treatment of metoprolol and propranolol. 2011 , 161, 115-120		64
428	Current approaches to trace analysis of pharmaceuticals and personal care products in the environment. <i>Journal of Chromatography A</i> , 2011 , 1218, 603-18	4.5	195
427	Direct injection of native aqueous matrices by achiral-chiral chromatography ion trap mass spectrometry for simultaneous quantification of pantoprazole and lansoprazole enantiomers fractions. <i>Journal of Chromatography A</i> , 2011 , 1218, 2865-70	4.5	42
426	Multi-residue analysis of 80 environmental contaminants in honeys, honeybees and pollens by one extraction procedure followed by liquid and gas chromatography coupled with mass spectrometric detection. <i>Journal of Chromatography A</i> , 2011 , 1218, 5743-56	4.5	179
425	Trimethoprim-selective electrodes with molecularly imprinted polymers acting as ionophores and potentiometric transduction on graphite solid-contact. <i>Microchemical Journal</i> , 2011 , 98, 21-28	4.8	16
424	Solar/TiO ₂ photocatalytic decomposition of Eblockers atenolol and propranolol in water and wastewater. 2011 , 85, 1915-1926		85
423	Occurrence of Eblockers and Eagonists in hospital effluents and their receiving rivers in southern Taiwan. 2011 , 32, 49-56		7
422	Proteomics unravels the exportability of mitochondrial respiratory chains. 2011 , 8, 231-9		47
421	Advances in Analytical Methods for the Determination of Pharmaceutical Residues in Waters and Wastewaters. 2011 , 9-16		
420	Determination of atenolol in environmental water samples and pharmaceutical formulations at a graphite-epoxy composite electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2012 , 92, 561-570	1.8	5
419	Levels, spatial distribution and sources of selected antibiotics in the East River (Dongjiang), South China. 2012 , 15, 210-218		30
418	Removal of Amitriptyline from Aqueous Media Using Activated Carbons. 2012 , 30, 255-263		13
417	Detection and quantitative analysis of 21 veterinary drugs in river water using high-pressure liquid chromatography coupled to tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2012 , 19, 3235-49	5.1	61
416	Comprehensive study of ibuprofen and its metabolites in activated sludge batch experiments and aquatic environment. <i>Science of the Total Environment</i> , 2012 , 438, 404-13	10.2	135
415	Risk assessment on the presence of pharmaceuticals in sediments, soils and waters of the Pego-Oliva Marshlands (Valencia, eastern Spain). <i>Science of the Total Environment</i> , 2012 , 440, 24-32	10.2	140
414	Determination of amino acids and amines in mammalian decomposition fluid by direct injection liquid chromatography-electrospray ionisation-tandem mass spectrometry. 2012 , 4, 363-370		7
413	New extraction procedures for isolation of famotidine from aqueous samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2012 , 92, 714-728	1.8	1

412	Screening of emerging contaminants and priority substances (2008/105/EC) in reclaimed water for irrigation and groundwater in a volcanic aquifer (Gran Canaria, Canary Islands, Spain). <i>Science of the Total Environment</i> , 2012 , 433, 538-46	10.2	91
411	From multi-residue screening to target analysis of pharmaceuticals in water: development of a new approach based on magnetic sector mass spectrometry and application in the Nairobi River basin, Kenya. <i>Science of the Total Environment</i> , 2012 , 437, 153-64	10.2	99
410	Carbamazepine in municipal wastewater and wastewater sludge: ultrafast quantification by laser diode thermal desorption-atmospheric pressure chemical ionization coupled with tandem mass spectrometry. <i>Talanta</i> , 2012 , 99, 247-55	6.2	53
409	Multi-class determination of personal care products and pharmaceuticals in environmental and wastewater samples by ultra-high performance liquid-chromatography-tandem mass spectrometry. <i>Talanta</i> , 2012 , 99, 1011-23	6.2	95
408	Multi-residue method for trace level determination of pharmaceuticals in environmental samples using liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Talanta</i> , 2012 , 100, 183-95	6.2	113
407	Degradation of carbamazepine by <i>Trametes versicolor</i> in an air pulsed fluidized bed bioreactor and identification of intermediates. <i>Water Research</i> , 2012 , 46, 955-64	12.5	156
406	The potential for a suite of isotope and chemical markers to differentiate sources of nitrate contamination: a review. <i>Water Research</i> , 2012 , 46, 2023-41	12.5	116
405	Does non-steroidal anti-inflammatory (NSAID) ibuprofen induce antioxidant stress and endocrine disruption in mussel <i>Mytilus galloprovincialis</i> ? 2012 , 33, 361-71		93
404	Suspended TiO ₂ -assisted photocatalytic degradation of emerging contaminants in a municipal WWTP effluent using a solar pilot plant with CPCs. <i>Chemical Engineering Journal</i> , 2012 , 198-199, 301-309	14.7	71
403	Fast and comprehensive multi-residue analysis of a broad range of human and veterinary pharmaceuticals and some of their metabolites in surface and treated waters by ultra-high-performance liquid chromatography coupled to quadrupole-linear ion trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1248, 104-21	4.5	401
402	Effects of indomethacin and propranolol on <i>Chironomus riparius</i> and <i>Physella (Costatella) acuta</i> . 2012 , 78, 110-5		18
401	Distribution, fate and risk assessment of antibiotics in sewage treatment plants in Hong Kong, South China. <i>Environment International</i> , 2012 , 42, 1-9	12.9	259
400	Simple, rapid, and sensitive determination of beta-blockers in environmental water using dispersive liquid-liquid microextraction followed by liquid chromatography with fluorescence detection. 2012 , 35, 2184-92		13
399	Trace determination of β-blockers and α-agonists in distilled and waste-waters using liquid chromatography-tandem mass spectrometry and solid-phase extraction. 2012 , 908, 27-38		31
398	Occurrence and Elimination of Pharmaceuticals During Conventional Wastewater Treatment. <i>Handbook of Environmental Chemistry</i> , 2012 , 1-23	0.8	46
397	Monitoring release of pharmaceutical compounds: occurrence and environmental risk assessment of two WWTP effluents and their receiving bodies in the Po Valley, Italy. <i>Science of the Total Environment</i> , 2012 , 438, 15-25	10.2	251
396	Multiresidue analysis of 88 polar organic micropollutants in ground, surface and wastewater using online mixed-bed multilayer solid-phase extraction coupled to high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1268, 74-83	4.5	167
395	Determination of selected natural hormones and endocrine disrupting compounds in domestic wastewater treatment plants by liquid chromatography electrospray ionization tandem mass spectrometry after solid phase extraction. 2012 , 137, 884-9		25

394	Paracetamol in the environment and its degradation by microorganisms. 2012 , 96, 875-84		145
393	Pharmaceuticals in biota in the aquatic environment: analytical methods and environmental implications. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 2611-24	4.4	111
392	Multi-residue analytical methods for the determination of pesticides and PPCPs in water by LC-MS/MS: a review. 2012 , 10, 876-899		20
391	Chiral pharmaceuticals in the environment. 2012 , 10, 239-253		62
390	Occurrence and removal of pharmaceuticals in wastewater treatment plants at the Spanish Mediterranean area of Valencia. <i>Chemosphere</i> , 2012 , 87, 453-62	8.4	290
389	Stereoselective dissipation of epoxiconazole in grape (<i>Vitis vinifera</i> cv. Kyoho) and soil under field conditions. <i>Chemosphere</i> , 2012 , 87, 982-7	8.4	41
388	Evaluating pharmaceuticals and caffeine as indicators of fecal contamination in drinking water sources of the Greater Montreal region. <i>Chemosphere</i> , 2012 , 88, 131-9	8.4	109
387	Hospital effluent: investigation of the concentrations and distribution of pharmaceuticals and environmental risk assessment. <i>Science of the Total Environment</i> , 2012 , 430, 109-18	10.2	380
386	Carbamazepine (CBZ) induced enzymatic stress in gill, liver and muscle of a common carp, <i>Cyprinus carpio</i> . 2012 , 24, 179-186		64
385	Stereoselective separation and determination of triadimefon and triadimenol in wheat, straw, and soil by liquid chromatography-tandem mass spectrometry. 2012 , 35, 166-73		23
384	Ultra high performance liquid chromatography tandem mass spectrometry for rapid analysis of trace organic contaminants in water. 2013 , 7, 104		49
383	Occurrence and removal of emerging pharmaceutical, personal care compounds and caffeine tracer in municipal sewage treatment plant in Western Greece. 2013 , 48, 800-13		79
382	A rapid determination of acidic pharmaceuticals in environmental waters by molecularly imprinted solid-phase extraction coupled to tandem mass spectrometry without chromatography. <i>Talanta</i> , 2013 , 110, 196-201	6.2	37
381	Identification of biomarkers responsive to chronic exposure to pharmaceuticals in target tissues of <i>Carcinus maenas</i> . 2013 , 87-88, 1-11		44
380	Detection of some volatile degradation products released during photoexposure of ranitidine in a solid state. 2013 , 76, 177-82		16
379	Occurrence and distribution of selected pharmaceutical compounds on sewage-impacted section of River Acheloos, Western Greece. <i>International Journal of Environmental Analytical Chemistry</i> , 2013 , 93, 1602-1619	1.8	11
378	Toxicity and endocrine disruption in zebrafish (<i>Danio rerio</i>) and two freshwater invertebrates (<i>Daphnia magna</i> and <i>Moina macrocopa</i>) after chronic exposure to mefenamic acid. 2013 , 94, 80-6		26
377	Early responses measured in the brachyuran crab <i>Carcinus maenas</i> exposed to carbamazepine and novobiocin: application of a 2-tier approach. 2013 , 97, 47-58		38

376	Simultaneous determination of PPCPs, EDCs, and artificial sweeteners in environmental water samples using a single-step SPE coupled with HPLC-MS/MS and isotope dilution. <i>Talanta</i> , 2013 , 113, 82-92	6.2	151
375	The potential environmental risks of pharmaceuticals in Vietnamese aquatic systems: case study of antibiotics and synthetic hormones. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 8132-40	5.1	19
374	Analysis of quinolone antibiotic derivatives in sewage sludge samples by liquid chromatography-tandem mass spectrometry: comparison of the efficiency of three extraction techniques. <i>Talanta</i> , 2013 , 106, 104-18	6.2	53
373	Transformation products and reaction pathways of carbamazepine during photocatalytic and sonophotocatalytic treatment. <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 177-86	12.8	72
372	Synthesized magnetic nanoparticles coated zeolite for the adsorption of pharmaceutical compounds from aqueous solution using batch and column studies. <i>Chemosphere</i> , 2013 , 93, 2076-85	8.4	108
371	Effect of UV light on acetaminophen degradation in the electro-Fenton process. 2013 , 120, 43-51		39
370	Application of comprehensive two-dimensional gas chromatography with mass spectrometric detection for the analysis of selected drug residues in wastewater and surface water. <i>Journal of Environmental Sciences</i> , 2013 , 25, 204-12	6.4	36
369	A new approach for the estimation of expanded uncertainty of results of an analytical method developed for determining antibiotics in seawater using solid-phase extraction disks and liquid chromatography coupled with tandem mass spectrometry technique. <i>Journal of Chromatography A</i> , 2013 , 1261, 120-17	4.5	91
368	Development of a liquid chromatography-tandem mass spectrometry procedure for determination of endocrine disrupting compounds in fish from Mediterranean rivers. <i>Journal of Chromatography A</i> , 2013 , 1306, 44-58	4.5	99
367	Quantitative on-line preconcentration-liquid chromatography coupled with tandem mass spectrometry method for the determination of pharmaceutical compounds in water. 2013 , 805, 107-15		43
366	A simple and sensitive UFLC-fluorescence method for endocrine disrupters determination in marine waters. <i>Talanta</i> , 2013 , 117, 168-75	6.2	30
365	Response surface methodology applied to SPE for the determination of ibuprofen in various types of water samples. 2013 , 36, 3220-5		8
364	PPCPs wet weather mobilization in a combined sewer in NW Spain. <i>Science of the Total Environment</i> , 2013 , 449, 189-98	10.2	24
363	Using lysosomal membrane stability of haemocytes in <i>Ruditapes philippinarum</i> as a biomarker of cellular stress to assess contamination by caffeine, ibuprofen, carbamazepine and novobiocin. <i>Journal of Environmental Sciences</i> , 2013 , 25, 1408-18	6.4	81
362	Simultaneous determination of neutral, basic and acidic pesticides in aquatic environmental matrices by solid-phase extraction and liquid chromatography electrospray ionization mass spectrometry. 2013 , 5, 2083		12
361	Simultaneous extraction of four classes of antibiotics in soil, manure and sewage sludge and analysis by liquid chromatography-tandem mass spectrometry with the isotope-labelled internal standard method. 2013 , 5, 3721		77
360	Occurrence and fate of dissolved and particulate antimicrobials in municipal wastewater treatment. <i>Water Research</i> , 2013 , 47, 705-14	12.5	88
359	MSPE/UV for field detection of micropollutants in water. <i>Microchemical Journal</i> , 2013 , 108, 215-223	4.8	9

358	An environmental forensic procedure to analyse anthropogenic pressures of urban origin on surface water of protected coastal agro-environmental wetlands (L'Albufera de Valencia Natural Park, Spain). <i>Journal of Hazardous Materials</i> , 2013 , 263 Pt 1, 214-23	12.8	12
357	Continuous treatment of clofibrac acid by <i>Trametes versicolor</i> in a fluidized bed bioreactor: Identification of transformation products and toxicity assessment. 2013 , 75, 79-85		22
356	The mode of action (MOA) approach reveals interactive effects of environmental pharmaceuticals on <i>Mytilus galloprovincialis</i> . 2013 , 140-141, 249-56		70
355	Detection and quantification of ionophore antibiotics in runoff, soil and poultry litter. <i>Journal of Chromatography A</i> , 2013 , 1312, 10-7	4.5	32
354	Analysis, occurrence and fate of commonly used pharmaceuticals and hormones in the Buyukcekmece Watershed, Turkey. <i>Chemosphere</i> , 2013 , 90, 2004-12	8.4	83
353	Photolytic degradation of norfloxacin, enrofloxacin and ciprofloxacin in various aqueous media. <i>Chemosphere</i> , 2013 , 91, 1635-42	8.4	218
352	The occurrence of human pharmaceuticals in wastewater effluents and surface water of Langat River and its tributaries, Malaysia. <i>International Journal of Environmental Analytical Chemistry</i> , 2013 , 93, 245-264	1.8	65
351	Toxicological effects of the antibiotic oxytetracycline to an Indian major carp <i>Labeo rohita</i> . 2013 , 64, 494-503		47
350	Ion suppression; a critical review on causes, evaluation, prevention and applications. <i>Talanta</i> , 2013 , 115, 104-22	6.2	282
349	Determination of antibiotics in influents and effluents of wastewater-treatment-plants in the Czech Republic [Development and application of the SPE and a UHPLC-ToFMS method. 2013 , 5, 2110		21
348	Urban wastewater treatment plants as hotspots for the release of antibiotics in the environment: a review. <i>Water Research</i> , 2013 , 47, 957-95	12.5	1189
347	Occurrence, transportation, monitoring and treatment of emerging micro-pollutants in waste water [A review from global views. <i>Microchemical Journal</i> , 2013 , 110, 292-300	4.8	233
346	Cyclodextrin based potentiometric sensor for determination of ibuprofen in pharmaceuticals and waters. 2013 , 176, 660-666		27
345	Multi-residue analytical method for the determination of endocrine disruptors and related compounds in river and waste water using dual column liquid chromatography switching system coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1295, 57-66	4.5	98
344	Fate of drugs during wastewater treatment. 2013 , 49, 145-159		56
343	Photolytic and TiO ₂ -assisted photocatalytic oxidation of the anxiolytic drug lorazepam (Lorenin® pills) under artificial UV light and natural sunlight: A comparative and comprehensive study. 2013 , 87, 219-228		32
342	Contribution of hospital effluents to the load of pharmaceuticals in urban wastewaters: identification of ecologically relevant pharmaceuticals. <i>Science of the Total Environment</i> , 2013 , 461-462, 302-16	10.2	358
341	Does selective serotonin reuptake inhibitor (SSRI) fluoxetine affects mussel <i>Mytilus galloprovincialis</i> ?. <i>Environmental Pollution</i> , 2013 , 173, 200-9	9.3	86

340	Simultaneous determination of 13 quinolone antibiotic derivatives in wastewater samples using solid-phase extraction and ultra performance liquid chromatography-tandem mass spectrometry. <i>Microchemical Journal</i> , 2013 , 106, 323-333	4.8	78
339	Preliminary occurrence studies of antibiotic residues in Hong Kong and Pearl River Delta. 2013 , 185, 745-54		17
338	Lorazepam photofate under photolysis and TiO ₂ -assisted photocatalysis: identification and evolution profiles of by-products formed during phototreatment of a WWTP effluent. <i>Water Research</i> , 2013 , 47, 5584-93	12.5	12
337	Analysis of imidacloprid and pyrimethanil in shallot (<i>Allium ascalonicum</i>) grown under greenhouse conditions using tandem mass spectrometry: establishment of pre-harvest residue limits. 2013 , 27, 451-7		12
336	Occurrence of antibiotics as emerging contaminant substances in aquatic environment. 2013 , 23, 296-310		98
335	The herbicide glyphosate and its metabolite AMPA in the Lavaux vineyard area, Western Switzerland: proof of widespread export to surface waters. Part I: method validation in different water matrices. 2013 , 48, 717-24		13
334	Analysis of Pharmaceutical Compounds in Biota. 2013 , 62, 169-193		5
333	An Environmental Risk Assessment for Human-Use Trimethoprim in European Surface Waters. <i>Antibiotics</i> , 2013 , 2, 115-62	4.9	35
332	Cardiovascular drugs in environmental waters and wastewaters: method optimization and real sample analysis. 2014 , 97, 1167-74		11
331	Monitoring the presence of 13 active compounds in surface water collected from rural areas in northwestern Spain. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 5251-72	4.6	21
330	Construction and Performance Characterization of Ion-Selective Electrodes for Potentiometric Determination of Paroxetine Hydrochloride in Pharmaceutical Preparations and Biological Fluids. <i>Electroanalysis</i> , 2014 , 26, 2789-2800	3	13
329	Electro-oxidation of acetaminophen on nickel/poly(o-aminophenol)/multi-walled carbon nanotube nanocomposite modified graphite electrode. 2014 , 9, 691-696		5
328	Determination of 26 veterinary antibiotics residues in water matrices by lyophilization in combination with LC-MS/MS. 2014 , 949-950, 79-86		48
327	Photocatalytic degradation of carbamazepine and three derivatives using TiO ₂ and ZnO: effect of pH, ionic strength, and natural organic matter. <i>Science of the Total Environment</i> , 2014 , 475, 16-22	10.2	89
326	Investigation of PPCPs in wastewater treatment plants in Greece: occurrence, removal and environmental risk assessment. <i>Science of the Total Environment</i> , 2014 , 466-467, 421-38	10.2	358
325	Selective determination of pharmaceuticals and illicit drugs in wastewaters using a novel strong cation-exchange solid-phase extraction combined with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1325, 137-46	4.5	33
324	Heterogeneous photo-assisted Fenton catalytic removal of tetracycline using Fe-Ce pillared bentonite. 2014 , 21, 310-316		10
323	Kinetics and Thermodynamic Study of Balsalazide Adsorption by Unsaturated Polyester Resin (UPR): A Non-carbon Adsorbent. 2014 , 225, 1		9

322	Impact of wastewater treatment plants on receiving surface waters and a tentative risk evaluation: the case of estrogens and beta blockers. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 1708-1722	5.1	30
321	Comparison of measured and predicted concentrations of selected pharmaceuticals in wastewater and surface water: a case study of a catchment area in the Po Valley (Italy). <i>Science of the Total Environment</i> , 2014 , 470-471, 844-54	10.2	109
320	Potentiodynamic formation of gold nanoparticles film on glassy carbon electrode using aminophenyl diazonium cations grafted gold nanoparticles: Determination of histamine H2 receptor antagonist. 2014 , 119, 214-224		21
319	Selective materials for solid-phase extraction in environmental analysis. 2014 , 1, e8-e18		46
318	Monitoring of selected priority and emerging contaminants in the Guadalquivir River and other related surface waters in the province of Ja�n, South East Spain. <i>Science of the Total Environment</i> , 2014 , 479-480, 247-57	10.2	100
317	Electrical conductivity and emerging contaminant as markers of surface freshwater contamination by wastewater. <i>Science of the Total Environment</i> , 2014 , 484, 19-26	10.2	60
316	Occurrence and removal of selected micropollutants in a water treatment plant. <i>Chemosphere</i> , 2014 , 95, 156-65	8.4	99
315	Multi-residue method for the determination of over 400 priority and emerging pollutants in water and wastewater by solid-phase extraction and liquid chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1350, 30-43	4.5	88
314	Occurrence, sources, and fate of pharmaceuticals in aquatic environment and soil. <i>Environmental Pollution</i> , 2014 , 187, 193-201	9.3	483
313	Photocatalytic degradation kinetics and mechanisms of antibacterial triclosan in aqueous TiO2 suspensions under simulated solar irradiation. 2014 , 89, 1145-1154		37
312	Determination of 81 pharmaceutical drugs by high performance liquid chromatography coupled to mass spectrometry with hybrid triple quadrupole-linear ion trap in different types of water in Serbia. <i>Science of the Total Environment</i> , 2014 , 468-469, 415-28	10.2	175
311	The fate and risk of selected pharmaceutical and personal care products in wastewater treatment plants and a pilot-scale multistage constructed wetland system. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 1466-79	5.1	49
310	Microextraction of non-steroidal anti-inflammatory drugs from waste water samples by rotating-disk sorptive extraction. <i>Talanta</i> , 2014 , 128, 486-92	6.2	45
309	Analysis of free amino acids in natural waters by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1370, 135-46	4.5	31
308	Simultaneous determination of eight antibiotics from distinct classes in surface and wastewater samples by solid-phase extraction and high-performance liquid chromatography-electrospray ionisation mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2014 , 94, 1013-1037	1.8	35
307	Evaluation of pharmaceuticals in surface water: reliability of PECs compared to MECs. <i>Environment International</i> , 2014 , 73, 10-21	12.9	46
306	PET as a support material for TiO2 in advanced oxidation processes. 2014 , 131, n/a-n/a		12
305	Removal of selected organic micropollutants in planted and unplanted pilot-scale horizontal flow constructed wetlands under conditions of high organic load. 2014 , 71, 234-245		59

304	Second-order calibration for simultaneous determination of pharmaceuticals in water samples by solid-phase extraction and fast high-performance liquid chromatography with diode array detector. 2014 , 137, 146-154		13
303	Suspect screening and target quantification of multi-class pharmaceuticals in surface water based on large-volume injection liquid chromatography and time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2533-47	4.4	48
302	Survey of the occurrence of pharmaceuticals in Spanish finished drinking waters. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 10917-39	5.1	20
301	Obtaining process mass balances of pharmaceuticals and triclosan to determine their fate during wastewater treatment. <i>Science of the Total Environment</i> , 2014 , 497-498, 553-560	10.2	40
300	The current state-of-the-art in the determination of pharmaceutical residues in environmental matrices using hyphenated techniques. 2014 , 44, 277-98		32
299	A new silylating reagent - dimethyl(3,3,3-trifluoropropyl)silyldiethylamine - for the derivatisation of non-steroidal anti-inflammatory drugs prior to gas chromatography-mass spectrometry analysis. <i>Journal of Chromatography A</i> , 2014 , 1346, 107-16	4.5	17
298	Effects of non-steroidal anti-inflammatory drug (NSAID) diclofenac exposure in mussel <i>Mytilus galloprovincialis</i> . 2014 , 148, 221-30		140
297	Comparing the photocatalytic oxidation of Metoprolol in a solarbox and a solar pilot plant reactor. <i>Chemical Engineering Journal</i> , 2014 , 254, 17-29	14.7	16
296	Multi-residue analytical methodology-based liquid chromatography-time-of-flight-mass spectrometry for the analysis of pharmaceutical residues in surface water and effluents from sewage treatment plants and hospitals. <i>Journal of Chromatography A</i> , 2014 , 1345, 139-53	4.5	48
295	An exploratory investigation of various modes of action and potential adverse outcomes of fluoxetine in marine mussels. 2014 , 151, 14-26		91
294	Methodological challenges of multi-residue analysis of pharmaceuticals in environmental samples. 2014 , 1, e25-e33		37
293	Degradation of corticosteroids during activated sludge processing. 2014 , 62, 72-6		9
292	Metal-Impregnated Ion Exchanger for Selective Removal and Recovery of Trace Phosphate. 2014 , 198-217		
291	Studies on Human Pharmaceuticals in Jordanian Wastewater Samples. 2015 , 43, 504-511		8
290	Licit and Illicit Drugs in Urban Wastewater in Cyprus. 2015 , 43, 1272-1278		10
289	Phenyl group participation in rearrangements during collision-induced dissociation of deprotonated phenoxyacetic acid. 2015 , 29, 2293-301		2
288	A simple and sensitive LC-MS/MS method for the determination of sotalol in rat plasma. 2015 , 29, 1167-72		6
287	Ozone-Enhanced Biologically Active Filtration for Wastewater Reuse. 2015 , 107, E685-E692		6

286	A Preliminary Study on the Occurrence of Pharmaceutically Active Compounds in the River Basins and Their Removal in Two Conventional Drinking Water Treatment Plants in Chongqing, China. 2015 , 43, 794-803		15
285	A highly efficient three-phase single drop microextraction technique for sample preconcentration. 2015 , 140, 3193-200		17
284	Occurrence of non-steroidal anti-inflammatory drugs in surface waters of Central Italy by liquid chromatography-tandem mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2015 , 95, 685-697	1.8	14
283	Development and application of a multi-residue method for the determination of 53 pharmaceuticals in water, sediment, and suspended solids using liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 8585-604	4.4	42
282	The occurrence and distribution of antibiotics in Lake Chaohu, China: seasonal variation, potential source and risk assessment. <i>Chemosphere</i> , 2015 , 122, 154-161	8.4	162
281	Enzymatic removal of paracetamol from aqueous phase: horseradish peroxidase immobilized on nanofibrous membranes. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 3838-46	5.1	38
280	Determination of pharmaceuticals and pesticides in river sediments and corresponding surface and ground water in the Danube River and tributaries in Serbia. 2015 , 187, 4092		80
279	A systematic strategy for the identification and determination of pharmaceuticals in environment using advanced LC-MS tools: application to ground water samples. 2015 , 108, 86-96		26
278	Tutorial review on validation of liquid chromatography-mass spectrometry methods: part I. 2015 , 870, 29-44		161
277	Microbial community structure and pharmaceuticals and personal care products removal in a membrane bioreactor seeded with aerobic granular sludge. 2015 , 99, 425-33		45
276	Decontamination of ofloxacin: optimization of removal process onto sawdust using response surface methodology. 2015 , 1-9		22
275	Multiresidue fully automated online SPE-HPLC-MS/MS method for the quantification of endocrine-disrupting and pharmaceutical compounds at trace level in surface water. <i>International Journal of Environmental Analytical Chemistry</i> , 2015 , 95, 67-81	1.8	28
274	Environmentally oriented models and methods for the evaluation of drug-drug interaction effects. 2015 , 45, 131-55		14
273	Yes, caffeine, ibuprofen, carbamazepine, novobiocin and tamoxifen have an effect on <i>Corbicula fluminea</i> (Müller, 1774). 2015 , 120, 142-54		82
272	Occurrence and fate of psychiatric pharmaceuticals in the urban water system of Shanghai, China. <i>Chemosphere</i> , 2015 , 138, 486-93	8.4	86
271	Ultra-high performance liquid chromatography-electrospray tandem mass spectrometry for the analysis of antibiotic residues in environmental waters. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 16857-67	5.1	27
270	Simultaneous extraction and determination of pharmaceuticals and personal care products (PPCPs) in river water and sewage by solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2015 , 1-17	1.8	6
269	Occurrence of pharmaceutical compounds and pesticides in aquatic systems. 2015 , 96, 384-400		87

268	Development of a method for trace level determination of antibiotics in drinking water sources by high performance liquid chromatography-tandem mass spectrometry. 2015 , 7, 1777-1787		29
267	Kinetika bioremedijacije farmaceutske industrijske otpadne vode. 2015 , 64, 229-236		
266	Liquid Chromatography-Mass Spectrometry: Quantification and Confirmation Aspects. 2015 , 347-377		2
265	Development of ESI-MS-based continuous enzymatic assay for real-time monitoring of enzymatic reactions of acetylcholinesterase. 2015 , 990, 169-73		8
264	Multianalyte method for the determination of pharmaceuticals in wastewater samples using solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 4229-45	4.4	60
263	Determination of pharmaceuticals in bivalves using QuEChERS extraction and liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 3841-9	4.4	28
262	Optimization of a Solid-Phase Extraction Method for the Determination of 12 Aminoglycosides in Water Samples Using LC-ESI-MS/MS. 2015 , 78, 631-640		10
261	Characterization of Pharmaceuticals and Personal Care products in hospital effluent and waste water influent/effluent by direct-injection LC-MS-MS. <i>Science of the Total Environment</i> , 2015 , 518-519, 459-78	10.2	167
260	Introduction of human pharmaceuticals from wastewater treatment plants into the aquatic environment: a rural perspective. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 10559-68	5.1	34
259	A comparative study of solid and liquid inner contact paroxetine hydrochloride ion-selective electrode membranes. 2015 , 12, 1637-1648		
258	Photolytic and thin TiO ₂ film assisted photocatalytic degradation of sulfamethazine in aqueous solution. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 11372-86	5.1	34
257	Development of a SPE-HPLC-MS/MS method for the determination of most prescribed pharmaceuticals and related metabolites in urban sewage samples. 2015 , 990, 23-30		52
256	Selective serotonin reuptake inhibitors and β -blocker transformation products may not pose a significant risk of toxicity to aquatic organisms in wastewater effluent-dominated receiving waters. 2015 , 11, 618-39		10
255	Dissipation kinetics and residues of amidosulfuron and MCPA in wheat ecosystems based on a modified QuEChERS and low-temperature cleanup method using the RRLC-QqQ-MS/MS technique. 2015 , 7, 10299-10305		9
254	Detection and quantification of residues and metabolites of medicinal products in environmental compartments, food commodities and workplaces. A review. 2015 , 106, 3-24		31
253	Remediation of pharmaceuticals and personal care products using an aerobic granular sludge sequencing bioreactor and microbial community profiling using Solexa sequencing technology analysis. 2015 , 179, 104-112		57
252	A multi-residue method for determination of 70 organic micropollutants in surface waters by solid-phase extraction followed by gas chromatography coupled to tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 1095-112	5.1	26
251	Assessment of non-steroidal anti-inflammatory and analgesic pharmaceuticals in seawaters of North of Portugal: occurrence and environmental risk. <i>Science of the Total Environment</i> , 2015 , 508, 240-50	10.2	152

250	Environmental impact of pharmaceuticals from Portuguese wastewaters: geographical and seasonal occurrence, removal and risk assessment. 2015 , 136, 108-19		147
249	Effect of redox conditions on pharmaceutical loss during biological wastewater treatment using sequencing batch reactors. <i>Journal of Hazardous Materials</i> , 2015 , 282, 106-15	12.8	46
248	Effects of fluoxetine on behavior, antioxidant enzyme systems, and multixenobiotic resistance in the Asian clam <i>Corbicula fluminea</i> . <i>Chemosphere</i> , 2015 , 119, 856-862	8.4	53
247	Current anthropogenic pressures on agro-ecological protected coastal wetlands. <i>Science of the Total Environment</i> , 2015 , 503-504, 190-9	10.2	19
246	Preparation and application of sulfaguanidine-imprinted polymer on solid-phase extraction of pharmaceuticals from water. <i>Talanta</i> , 2015 , 131, 99-107	6.2	14
245	Pharmaceuticals and pesticides in reclaimed water: Efficiency assessment of a microfiltration-reverse osmosis (MF-RO) pilot plant. <i>Journal of Hazardous Materials</i> , 2015 , 282, 165-73	12.8	87
244	Development of a SPE-UHPLC-MS/MS methodology for the determination of non-steroidal anti-inflammatory and analgesic pharmaceuticals in seawater. 2015 , 106, 61-70		81
243	Development of an extraction and purification method for the determination of multi-class pharmaceuticals and endocrine disruptors in freshwater invertebrates. <i>Talanta</i> , 2015 , 132, 373-81	6.2	62
242	Comet assay with gill cells of <i>Mytilus galloprovincialis</i> end point tools for biomonitoring of water antibiotic contamination: Biological treatment is a reliable process for detoxification. 2016 , 32, 686-93		2
241	Temporal variations and trends in loads of commonly used pharmaceuticals to large wastewater treatment plants in Sweden, a case study (Ryaverket). <i>Water Science and Technology</i> , 2016 , 73, 3049-56	2.2	6
240	Analysis, occurrence, fate and risks of proton pump inhibitors, their metabolites and transformation products in aquatic environment: A review. <i>Science of the Total Environment</i> , 2016 , 569-570, 732-750	10.2	21
239	Simultaneous analysis of multiple classes of antimicrobials in environmental water samples using SPE coupled with UHPLC-ESI-MS/MS and isotope dilution. <i>Talanta</i> , 2016 , 159, 163-173	6.2	48
238	Analysis of chemical warfare agents in organic liquid samples with magnetic dispersive solid phase extraction and gas chromatography mass spectrometry for verification of the chemical weapons convention. <i>Journal of Chromatography A</i> , 2016 , 1448, 32-41	4.5	10
237	Occurrence and fate of emerging trace organic chemicals in wastewater plants in Chennai, India. <i>Environment International</i> , 2016 , 92-93, 33-42	12.9	76
236	Status of hormones and painkillers in wastewater effluents across several European states-considerations for the EU watch list concerning estradiols and diclofenac. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 12835-66	5.1	99
235	Simple and quick determination of analgesics and other contaminants of emerging concern in environmental waters by on-line solid phase extraction coupled to liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1446, 27-33	4.5	13
234	Simultaneous detection of antibiotics and other drug residues in the dissolved and particulate phases of water by an off-line SPE combined with on-line SPE-LC-MS/MS: Method development and application. <i>Science of the Total Environment</i> , 2016 , 563-564, 424-33	10.2	42
233	Accumulation of Residual Antibiotics in the Vegetables Irrigated by Pharmaceutical Wastewater. 2016 , 8, 107-115		26

232	Antioxidant activity and phenolic profiles of the wild currant <i>Ribes magellanicum</i> from Chilean and Argentinean Patagonia. 2016 , 4, 595-610		20
231	Solid-phase extraction combined with dispersive liquid-liquid microextraction and chiral liquid chromatography-tandem mass spectrometry for the simultaneous enantioselective determination of representative proton-pump inhibitors in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 6381-92	4.4	25
230	Occurrence and removal of multiple classes of antibiotics and antimicrobial agents in biological wastewater treatment processes. <i>Water Research</i> , 2016 , 104, 461-472	12.5	210
229	Optimization of the Ion Source-Mass Spectrometry Parameters in Non-Steroidal Anti-Inflammatory and Analgesic Pharmaceuticals Analysis by a Design of Experiments Approach. 2016 , 27, 1703-14		2
228	Antibiotics in the aquatic environments: A review of the European scenario. <i>Environment International</i> , 2016 , 94, 736-757	12.9	536
227	Environmental concentration of carbamazepine accelerates fish embryonic development and disturbs larvae behavior. 2016 , 25, 1426-37		53
226	Occurrence and seasonal variations of 25 pharmaceutical residues in wastewater and drinking water treatment plants. 2016 , 188, 661		87
225	Occurrence and preliminary environmental risk assessment of selected pharmaceuticals in the urban rivers, China. 2016 , 6, 34928		31
224	High-Throughput Analytical Techniques for Determination of Residues of 653 Multiclass Pesticides and Chemical Pollutants in Tea, Part VI: Study of the Degradation of 271 Pesticide Residues in Aged Oolong Tea by Gas Chromatography-Tandem Mass Spectrometry and Its Application in Predicting the Residue Concentrations of Target Pesticides. 2016 , 99, 1049-1057		2
223	Transcriptional and cellular effects of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) in experimentally exposed mussels, <i>Mytilus galloprovincialis</i> . 2016 , 180, 306-319		34
222	Hidden drivers of low-dose pharmaceutical pollutant mixtures revealed by the novel GSA-QHTS screening method. 2016 , 2, e1601272		27
221	Removal of Phosphorus, BOD, and Pharmaceuticals by Rapid Rate Sand Filtration and Ultrafiltration Systems. 2016 , 142, 06016006		5
220	Comparison of ESI- and APCI-LC-MS/MS methods: A case study of levonorgestrel in human plasma. 2016 , 6, 356-362		18
219	(1)H NMR-based metabolomics of <i>Daphnia magna</i> responses after sub-lethal exposure to triclosan, carbamazepine and ibuprofen. 2016 , 19, 199-210		37
218	Comprehensive monitoring of organic micro-pollutants in surface and groundwater in the surrounding of a solid-waste treatment plant of Castell�n, Spain. <i>Science of the Total Environment</i> , 2016 , 548-549, 211-220	10.2	49
217	Magnetic hydrophilic-lipophilic balance sorbent for efficient extraction of chemical warfare agents from water samples. <i>Journal of Chromatography A</i> , 2016 , 1434, 39-49	4.5	14
216	Role of humic substances in the degradation pathways and residual antibacterial activity during the photodecomposition of the antibiotic ciprofloxacin in water. <i>Water Research</i> , 2016 , 94, 1-9	12.5	79
215	Clinical proteomics-driven precision medicine for targeted cancer therapy: current overview and future perspectives. 2016 , 13, 367-81		33

214	Seasonal occurrence, removal, mass loading and environmental risk assessment of 55 pharmaceuticals and personal care products in a municipal wastewater treatment plant in Central Greece. <i>Science of the Total Environment</i> , 2016 , 543, 547-569	10.2	288
213	Enhancement of Fenton and photo-Fenton processes at initial circumneutral pH for the degradation of the β -blocker metoprolol. <i>Water Research</i> , 2016 , 88, 449-457	12.5	72
212	Pharmaceuticals in a temperate forest-water reuse system. <i>Science of the Total Environment</i> , 2017 , 581-582, 705-714	10.2	15
211	Monitoring pharmaceuticals and personal care products in reservoir water used for drinking water supply. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 7335-7347	5.1	41
210	Equilibrium partitioning of organic compounds to OASIS HLB as a function of compound concentration, pH, temperature and salinity. <i>Chemosphere</i> , 2017 , 174, 297-305	8.4	29
209	Liquid Chromatography-Mass Spectrometry. 2017 , 218-257		
208	Novel strategy for the facile enrichment of isopentenyl pyrophosphate in rat plasma via Ti-immobilized polydopamine@Fe ₃ O ₄ core-shell microspheres. 2017 , 40, 2278-2285		3
207	Ultrasound-assisted emulsification microextraction based on a solidified floating organic droplet for the rapid determination of 19 antibiotics as environmental pollutants in hospital drainage and Gomti river water. 2017 , 40, 2694-2702		23
206	Sample treatment procedures for environmental sensing and biosensing. 2017 , 45, 170-174		5
205	Transcriptome analysis of the brain of the sea bream (<i>Sparus aurata</i>) after exposure to human pharmaceuticals at realistic environmental concentrations. 2017 , 129, 36-45		8
204	Transcriptional and cellular effects of paracetamol in the oyster <i>Crassostrea gigas</i> . 2017 , 144, 258-267		16
203	Determination of Some β -Blockers and α -Agonists in Plasma and Urine Using Liquid Chromatography-tandem Mass Spectrometry and Solid Phase Extraction. <i>Journal of Chromatographic Science</i> , 2017 , 55, 846-856	1.4	6
202	Genotoxicity of gemfibrozil in the gilthead seabream (<i>Sparus aurata</i>). 2017 , 821, 36-42		20
201	Fast determination of pesticides and other contaminants of emerging concern in treated wastewater using direct injection coupled to highly sensitive ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1507, 84-94	4.5	75
200	Novel contribution of chromatography in the development and analyses of metformin hydrochloride in biological and environmental samples. 2017 , 40, 599-615		2
199	Determination of 82 veterinary drugs in swine waste lagoon sludge by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1499, 57-64	4.5	20
198	Global scanning of antihistamines in the environment: Analysis of occurrence and hazards in aquatic systems. <i>Science of the Total Environment</i> , 2017 , 592, 477-487	10.2	64
197	Fate of selected pharmaceutically active compounds in the integrated fixed film activated sludge process. <i>Water Science and Technology</i> , 2017 , 75, 2680-2691	2.2	6

196	Human and veterinary pharmaceuticals in the marine environment including fish farms in Korea. <i>Science of the Total Environment</i> , 2017 , 579, 940-949	10.2	78
195	Development of a multi-residue method for the determination of human and veterinary pharmaceuticals and some of their metabolites in aqueous environmental matrices by SPE-UHPLC-MS/MS. 2017 , 135, 75-86		63
194	Toxicological effects of paracetamol on the clam <i>Ruditapes philippinarum</i> : exposure vs recovery. 2017 , 192, 198-206		44
193	Analysis of macrolide antibiotics in water by magnetic solid-phase extraction and liquid chromatography-tandem mass spectrometry. 2017 , 146, 79-85		24
192	Multi-class determination of pharmaceuticals in wastewaters by solid-phase extraction and liquid chromatography tandem mass spectrometry with matrix effect study. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 20521-20539	5.1	19
191	Chemical monitoring of Swedish coastal waters indicates common exceedances of environmental thresholds, both for individual substances as well as their mixtures. 2017 , 122, 409-419		16
190	An Interlaboratory Evaluation of Drift Tube Ion Mobility-Mass Spectrometry Collision Cross Section Measurements. 2017 , 89, 9048-9055		233
189	Human pharmaceuticals in Portuguese rivers: The impact of water scarcity in the environmental risk. <i>Science of the Total Environment</i> , 2017 , 609, 1182-1191	10.2	66
188	Background to the Emergence of Ecopharmacovigilance. <i>Handbook of Environmental Chemistry</i> , 2017 , 13-20	0.8	2
187	Control of Environmental Pollution Caused by Pharmaceuticals. <i>Handbook of Environmental Chemistry</i> , 2017 , 255-264	0.8	1
186	Spatial and seasonal analysis of antimicrobials and toxicity tests with <i>Daphnia magna</i> , on the sub-basin of Piracicaba river, SP, Brazil. 2017 , 5, 6070-6076		7
185	Nano-TiO ₂ ultrasound and sequential nano-TiO ₂ /ultrasonic degradation of N-acetyl-para-aminophenol from aqueous solution. 2017 , 15, 1015-1027		3
184	Development of molecularly imprinted polymers (MIPs) as a solid phase extraction (SPE) sorbent for the determination of ibuprofen in water. 2017 , 7, 31441-31447		30
183	Determination of Antibiotics in Surface Water by Solid-Phase Extraction and High-Performance Liquid Chromatography with Diode Array and Mass Spectrometry Detection. 2017 , 50, 1209-1218		7
182	Development of a multi-residue method for scrutinizing psychotropic compounds in natural waters. 2017 , 1047, 160-172		11
181	Frequency and use of pharmaceuticals in selected Slovakian town via wastewater analysis. 2017 , 148, 441-448		8
180	Removal of pharmaceuticals with ozone at 10 Swedish wastewater treatment plants. 2017 , 12, 871-881		7
179	Recent Advances in the Use of Chemical Markers for Tracing Wastewater Contamination in Aquatic Environment: A Review. 2017 , 9, 143		48

178	Residue analysis and persistence evaluation of fipronil and its metabolites in cotton using high-performance liquid chromatography-tandem mass spectrometry. 2017 , 12, e0173690		14
177	An optimized SPE-LC-MS/MS method for antibiotics residue analysis in ground, surface and treated water samples by response surface methodology- central composite design. 2017 , 15, 21		30
176	Competitive Adsorption of Dimetridazole and Metronidazole Antibiotics on Carbon Materials from Aqueous Solution. 2018 , 229, 1		9
175	A review of analytical procedures for the simultaneous determination of medically important veterinary antibiotics in environmental water: Sample preparation, liquid chromatography, and mass spectrometry. <i>Journal of Environmental Management</i> , 2018 , 217, 629-645	7.9	50
174	The occurrence of selected xenobiotics in the Danube river via LC-MS/MS. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 11074-11083	5.1	9
173	Zeptomole Detection Scheme Based on Levitation Coordinate Measurements of a Single Microparticle in a Coupled Acoustic-Gravitational Field. 2018 , 90, 2310-2316		7
172	Monitoring the occurrence of pharmaceuticals in soils irrigated with reclaimed wastewater. <i>Environmental Pollution</i> , 2018 , 235, 312-321	9.3	99
171	Prevalence of selected pharmaceuticals in surface water receiving untreated sewage in northwest Pakistan. 2018 , 190, 324		10
170	Enantioselective analysis and degradation of isofenphos-methyl in vegetables by liquid chromatography-tandem mass spectrometry. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 18772-18780	5.1	11
169	Assessment of biochemical alterations in the neotropical fish species <i>Phalloceros harpagos</i> after acute and chronic exposure to the drugs paracetamol and propranolol. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 14899-14910	5.1	21
168	Development of an online SPE-UHPLC-MS/MS method for the multiresidue analysis of the 17 compounds from the EU "Watch list". <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 4165-4176	4.4	22
167	Advanced synchrotron-based and global-sourced molecular (micro) spectroscopy contributions to advances in food and feed research on molecular structure, mycotoxin determination, and molecular nutrition. 2018 , 58, 2164-2175		6
166	Pharmaceuticals and illicit drugs in wastewater samples in north-eastern Tunisia. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 18226-18241	5.1	26
165	Detection of diclofenac molecules by planar and nanostructured plasmonic sensor substrates. 2018 , 254, 749-754		11
164	Two-year survey of specific hospital wastewater treatment and its impact on pharmaceutical discharges. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 9207-9218	5.1	40
163	Seasonal and ageing effect on the behaviour of 86 drugs in a full-scale surface treatment wetland: Removal efficiencies and distribution in plants and sediments. <i>Science of the Total Environment</i> , 2018 , 615, 1099-1109	10.2	40
162	Emerging contaminants in Indian environmental matrices - A review. <i>Chemosphere</i> , 2018 , 190, 307-326	8.4	105
161	The effects of human drugs in <i>Corbicula fluminea</i> . Assessment of neurotoxicity, inflammation, gametogenic activity, and energy status. 2018 , 148, 652-663		30

160	Challenges in Detection of Antibiotics in Wastewater Matrix. 2018 , 3-20		15
159	Simultaneous determination of pyridaben, dinotefuran, DN and UF in eggplant ecosystem under open-field conditions: Dissipation behaviour and residue distribution. <i>Chemosphere</i> , 2018 , 195, 245-251	8.4	23
158	Occurrence and fate of most prescribed antibiotics in different water environments of Tehran, Iran. <i>Science of the Total Environment</i> , 2018 , 619-620, 446-459	10.2	93
157	Removal of antibiotics, antibiotic-resistant bacteria and their associated genes by graphene-based TiO ₂ composite photocatalysts under solar radiation in urban wastewaters. 2018 , 224, 810-824		190
156	Exploring the potential of applying infrared vibrational (micro)spectroscopy in ergot alkaloids determination: Techniques, current status, and challenges. 2018 , 53, 395-419		10
155	Small but with big impact? Ecotoxicological effects of a municipal wastewater effluent on a small creek. 2018 , 53, 1149-1160		8
154	Adsorptive removal of p-nitrophenol from water with mechano-synthesized porous organic polymers. 2018 , 42, 20205-20211		12
153	Disk solid-phase extraction of multi-class pharmaceutical residues in tap water and hospital wastewater, prior to ultra-performance liquid chromatographic-tandem mass spectrometry (UPLC-MS/MS) analyses.. 2018 , 8, 40358-40368		10
152	Study on the Degradation of 271 Pesticide Residues in Aged Oolong Tea by Gas Chromatography-Tandem Mass Spectrometry and Its Application in Predicting the Residue Concentrations of Target Pesticides. 2018 , 817-848		
151	Identification and quantification of 19 pharmaceutical active compounds and metabolites in hospital wastewater in Cameroon using LC/QQQ and LC/Q-TOF. 2018 , 190, 723		9
150	Development of an analytical method for the simultaneous determination of the 17 EU Watch List compounds in surface waters: a Spanish case study. 2018 , 15, 493		2
149	Wide-Scope Determination of Pharmaceuticals and Pesticides in Water Samples: Qualitative and Confirmatory Screening Method Using LC-qTOF-MS. 2018 , 229, 1		17
148	Titanium Dioxide Nanoparticle Photocatalysed Degradation of Ibuprofen and Naproxen in Water: Competing Hydroxyl Radical Attack and Oxidative Decarboxylation by Semiconductor Holes. 2018 , 3, 10915-10924		16
147	Dispersive Liquid-Liquid Microextraction of Famotidine and Nizatidine from Water Samples. <i>Journal of Chromatographic Science</i> , 2019 , 57, 93-100	1.4	1
146	Trace enantioselective determination of triazole fungicides in honey by a sensitive and efficient method. 2018 , 74, 62-70		10
145	A comparative study of the common persulfate activation techniques for the complete degradation of an NSAID: The case of ketoprofen. <i>Chemical Engineering Journal</i> , 2018 , 350, 395-410	14.7	96
144	Development and validation of a comprehensive solid-phase extraction method followed by LC-TOF/MS for the analysis of eighteen pharmaceuticals in influent and effluent of sewage treatment plants. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 4829-4846	4.4	6
143	A multibiomarker approach highlights effects induced by the human pharmaceutical gemfibrozil to gilthead seabream <i>Sparus aurata</i> . 2018 , 200, 266-274		20

142	Interferometric nanoimmunosensor for label-free and real-time monitoring of Irgarol 1051 in seawater. 2018 , 117, 47-52		12
141	Occurrence and Risk Assessment of Personal Care Products in Subtropical Urban Rivers. 2018 , 35, 1263-1272		10
140	Development of a Multi-Residue Method for Monitoring 44 Pharmaceuticals in Slovene Surface Water by SPE-LC-MS/MS. 2018 , 229, 1		8
139	The Development and Validation of a Liquid Chromatography-Tandem Mass Spectrometry Procedure for the Determination of Dioctyldiethylenetriamine Acetate Residues in Soil, Green and Cured Tobacco Leaves Using a Modified QuEChERS Approach. 2018 , 81, 1035-1041		1
138	Emerging investigators series: occurrence and fate of emerging organic contaminants in wastewater treatment plants with an enhanced nitrification step. 2018 , 4, 1412-1426		18
137	Surface plasmon resonance based sensor for the detection of glycopeptide antibiotics in milk using rationally designed nanoMIPs. 2018 , 8, 11222		43
136	Transportation of Different Therapeutic Classes of Pharmaceuticals to the Surface Water, Sewage Treatment Plant, and Hospital Samples, Malaysia. 2018 , 10, 916		8
135	Marine Bacterial Compounds Evaluated by In Silico Studies as Antipsychotic Drugs Against Schizophrenia. 2018 , 20, 639-653		2
134	Determination of carbamazepine and diazepam by SPE-HPLC-DAD in Belém River water, Curitiba-PR/Brazil. 2018 , 13, 1		6
133	A rapid and sensitive method for the quantitative analysis of ibuprofen and its metabolites in equine urine samples by gas chromatography with tandem mass spectrometry. 2018 , 41, 3881-3891		9
132	A pressurized liquid extraction approach followed by standard addition method and UPLC-MS/MS for a fast multiclass determination of antibiotics in a complex matrix. <i>Chemosphere</i> , 2018 , 211, 893-902	8.4	9
131	Ecopharmacovigilance. <i>Handbook of Environmental Chemistry</i> , 2019 ,	0.8	4
130	The occurrence, distribution and degradation of antibiotics by ionizing radiation: An overview. <i>Science of the Total Environment</i> , 2019 , 646, 1385-1397	10.2	233
129	Determination of pharmaceutical active compounds in Ceyhan River, Turkey: Seasonal, spatial variations and environmental risk assessment. 2019 , 25, 1980-1995		20
128	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. <i>Science of the Total Environment</i> , 2019 , 648, 1052-1081	10.2	227
127	Dispersive Magnetic Solid-Phase Extraction Coupled to Direct Analysis in Real Time Mass Spectrometry for High-Throughput Analysis of Trace Environmental Contaminants. 2019 , 91, 11240-11246		23
126	The Use of Boron-Doped Diamond Electrode for the Determination of Selected Biocides in Water Samples. 2019 , 11, 1595		4
125	Effectiveness of single-stage and sequential sludge digestion on removal of recalcitrant pharmaceuticals and conventional pollutants. 2019 , 8, 100326		4

124	The Triple Mechanisms of Atenolol Adsorption on Ca-Montmorillonite: Implication in Pharmaceutical Wastewater Treatment. 2019 , 12,		5
123	Distribution and Chemical Analysis of Pharmaceuticals and Personal Care Products (PPCPs) in the Environmental Systems: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	28
122	Mytilidae as model organisms in the marine ecotoxicology of pharmaceuticals - A review. <i>Environmental Pollution</i> , 2019 , 254, 113082	9.3	25
121	Quantitation of -Formyl-lysine Adduct Following Aristolochic Acid Exposure in Cells and Rat Tissues by Liquid Chromatography-Tandem Mass Spectrometry Coupled with Stable Isotope-Dilution Method. 2019 , 32, 2086-2094		6
120	Environmental risk assessment of propranolol in the groundwater bodies of Europe. <i>Environmental Pollution</i> , 2019 , 255, 113189	9.3	15
119	Fate of sterols, polycyclic aromatic hydrocarbons, pharmaceuticals, ammonia and solids in single-stage anaerobic and sequential anaerobic/aerobic/anoxic sludge digestion. 2019 , 93, 72-82		7
118	Biosensors for Monitoring Water Pollutants: A Case Study With Arsenic in Groundwater. 2019 , 285-328		4
117	A filtration optimized on-line SPE-HPLC-MS/MS method for determination of three macrolide antibiotics dissolved and bound to suspended solids in surface water. <i>Microchemical Journal</i> , 2019 , 148, 480-492	4.8	7
116	Efficient photocatalytic degradation of ciprofloxacin and bisphenol A under visible light using Gd ₂ WO ₆ loaded ZnO/bentonite nanocomposite. 2019 , 481, 1109-1119		63
115	Multi-residue analysis of 44 pharmaceutical compounds in environmental water samples by solid-phase extraction coupled to liquid chromatography-tandem mass spectrometry. 2019 , 42, 1853-1866		14
114	Ultrasound-assisted synthesis of thermosensitive nanovesicle for direct trap and release of analgesic drugs in biofluid and sewage. 2019 , 54, 61-67		2
113	Simultaneous Determination of Pharmaceuticals by Solid-phase Extraction and Liquid Chromatography-Tandem Mass Spectrometry: A Case Study from Sharjah Sewage Treatment Plant. <i>Molecules</i> , 2019 , 24,	4.8	18
112	Pharmaceuticals of Emerging Concern in Aquatic Systems: Chemistry, Occurrence, Effects, and Removal Methods. 2019 , 119, 3510-3673		679
111	Occurrence of PPCPs in a Brazilian water reservoir and their removal efficiency by ecological filtration. <i>Chemosphere</i> , 2019 , 226, 210-219	8.4	38
110	Occurrence, Seasonal Variation and Risk Assessment of Antibiotics in the Surface Water of North China. 2019 , 77, 88-97		17
109	Application of a novel diol-based porous organic polymer to the determination of trace-level tetracyclines in water. 2019 , 11, 2473-2481		5
108	The detection of drugs of abuse and pharmaceuticals in drinking water using solid-phase extraction and liquid chromatography-mass spectrometry. <i>Chemosphere</i> , 2019 , 223, 438-447	8.4	33
107	Plasmonic sensor for on-site detection of diclofenac molecules. 2019 , 288, 594-600		8

106	LC-MSMS based screening of emerging pollutant degradation by different peroxidases. 2019 , 19, 83		16
105	Advances in Analytical Methods for the Determination of Pharmaceutical Residues in Waters and Wastewaters. 2019 , 1-12		
104	Development of miniaturized fluorimetric device for caffeine determination using a smartphone.. 2019 , 9, 35033-35038		5
103	Dissipation behavior, residue distribution and dietary risk assessment of field-incurred boscalid and pyraclostrobin in grape and grape field soil via MWCNTs-based QuEChERS using an RRLC-QqQ-MS/MS technique. <i>Food Chemistry</i> , 2019 , 274, 291-297	8.5	37
102	Detection of Antibiotics in Drinking Water Treatment Plants in Baghdad City, Iraq. 2019 , 2019, 1-10		41
101	Dispersive solid-phase extraction using multi-walled carbon nanotubes combined with liquid chromatography-mass spectrometry for the analysis of β -blockers: Experimental and theoretical studies. <i>Microchemical Journal</i> , 2019 , 146, 258-269	4.8	10
100	Enantioselective LC-MS/MS for anthropogenic markers of septic tank discharge. <i>Chemosphere</i> , 2019 , 219, 191-201	8.4	9
99	The multi-mechanisms and interlayer configurations of metoprolol uptake on montmorillonite. <i>Chemical Engineering Journal</i> , 2019 , 360, 325-333	14.7	6
98	Effects and bioaccumulation of gold nanoparticles in the gilthead seabream (<i>Sparus aurata</i>) - Single and combined exposures with gemfibrozil. <i>Chemosphere</i> , 2019 , 215, 248-260	8.4	14
97	Occurrence and spatial distribution of statins, fibrates and their metabolites in aquatic environments. 2020 , 13, 4358-4373		16
96	Micropollutant removal in real WW by photo-Fenton (circumneutral and acid pH) with BLB and LED lamps. <i>Chemical Engineering Journal</i> , 2020 , 379, 122416	14.7	17
95	Carbon nanomaterials integrated molecularly imprinted polymers for biological sample analysis: A critical review. 2020 , 239, 121966		42
94	Determination of oseltamivir phosphate and its metabolite with other pharmaceuticals in surface waters using solid phase extraction and isotope dilution liquid chromatography/tandem mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 100, 346-360	1.8	2
93	Dimensions and measurement of environmental analysis. 2020 , 59-73		
92	Validation of a liquid chromatography coupled with tandem mass spectrometry method for the determination of drugs in wastewater using a three-phase solvent system. 2020 , 43, 886-895		17
91	A review of extraction methods for the analysis of pharmaceuticals in environmental waters. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 50, 2271-2299	11.1	11
90	Decontamination of Organic Pollutants from Aqueous Media Using Polymer-Free Bioinspired Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 11052-11057	8.3	4
89	A global systematic, review-meta analysis and ecological risk assessment of ciprofloxacin in river water. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-16	1.8	3

88	Quantitative Measurement of Melittin in Asian Honeybee Venom Using a New Method Including UPLC-QqTOF-MS. <i>Toxins</i> , 2020 , 12,	4.9	3
87	Organic fertilizer as a chelating agent in photo-Fenton at neutral pH with LEDs for agricultural wastewater reuse: Micropollutant abatement and bacterial inactivation. <i>Chemical Engineering Journal</i> , 2020 , 388, 124246	14.7	17
86	Efficient multiresidue determination method for 168 pharmaceuticals and metabolites: Optimization and application to raw wastewater, wastewater effluent, and surface water in Beijing, China. <i>Environmental Pollution</i> , 2020 , 261, 114113	9.3	27
85	Paracetamol removal by Kon-Tiki kiln-derived biochar and activated carbons. <i>Industrial Crops and Products</i> , 2020 , 155, 112740	5.9	7
84	Electrochemical synthesis of reduced graphene oxide/ruthenium oxide hexacyanoferrate nanocomposite film and its application for ranitidine detection. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 878, 114558	4.1	3
83	Occurrence of pharmaceuticals in aquatic environments: A review and potential impacts in South Africa. <i>South African Journal of Science</i> , 2020 , 116,	1.3	9
82	Eblockers in the environment: Distribution, transformation, and ecotoxicity. <i>Environmental Pollution</i> , 2020 , 266, 115269	9.3	12
81	Paracetamol degradation by photo-activated peroxydisulfate process (UV/PDS): kinetic study and optimization using central composite design. <i>Water Science and Technology</i> , 2020 , 82, 1404-1415	2.2	6
80	Impact of biological wastewater treatment on the reactivity of N-Nitrosodimethylamine precursors. <i>Water Research</i> , 2020 , 186, 116315	12.5	1
79	Exploring the Efficiency of UHPLC-Orbitrap MS for the Determination of 20 Pharmaceuticals and Acesulfame K in Hospital and Urban Wastewaters with the Aid of FPSE. <i>Separations</i> , 2020 , 7, 46	3.1	3
78	Impact of PhACs on Soil Microorganisms. <i>Handbook of Environmental Chemistry</i> , 2020 , 267-310	0.8	2
77	Rat cardiomyocyte H9c2(2-1)-based sulforhodamine B assay as a promising in vitro method to assess the biological component of effluent toxicity. <i>Journal of Environmental Sciences</i> , 2020 , 96, 163-170	6.4	1
76	Detection of Pharmaceutical Residues in Surface Waters of the Eastern Cape Province. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	11
75	An efficient resin for solid-phase extraction and determination by UPLCMS/MS of 44 pharmaceutical personal care products in environmental waters. <i>Frontiers of Environmental Science and Engineering</i> , 2020 , 14, 1	5.8	10
74	Pharmaceuticals as emerging micropollutants in aquatic environments. 2020 , 35-90		3
73	Suspect and non-target screening of pesticides and pharmaceuticals transformation products in wastewater using QTOF-MS. <i>Environment International</i> , 2020 , 137, 105599	12.9	32
72	Selected Pharmaceuticals in Different Aquatic Compartments: Part I-Source, Fate and Occurrence. <i>Molecules</i> , 2020 , 25,	4.8	25
71	Sulfamethoxazole/Trimethoprim ratio as a new marker in raw wastewaters: A critical review. <i>Science of the Total Environment</i> , 2020 , 715, 136916	10.2	35

70	Simultaneous determination of 42 pharmaceuticals in seafood samples by solvent extraction coupled to liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2020 , 322, 126765	8.5	19
69	Characterisation and bioremediation of wastewater: A review exploring bioremediation as a sustainable technique for pharmaceutical wastewater. <i>Groundwater for Sustainable Development</i> , 2020 , 11, 100383	6	48
68	A "half" core-shell magnetic nanohybrid composed of zeolitic imidazolate framework and graphitic carbon nitride for magnetic solid-phase extraction of sulfonylurea herbicides from water samples followed by LC-MS/MS detection. <i>Mikrochimica Acta</i> , 2020 , 187, 279	5.8	10
67	Visible Light Photoelectrochemical Sensor for Acetaminophen Determination using a Glassy Carbon Electrode Modified with BiVO ₄ Nanoparticles. <i>Electroanalysis</i> , 2021 , 33, 663-671	3	0
66	Removal and toxicity evaluation of a diverse group of drugs from water by a cyclodextrin polymer/pulsed light system. <i>Journal of Hazardous Materials</i> , 2021 , 402, 123504	12.8	8
65	Assessing the efficiency of constructed wetlands in removing PPCPs from treated wastewater and mitigating the ecotoxicological impacts. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 231, 113664	6.9	8
64	Ultra-trace Extraction of Two Bactericides Via Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction. <i>Journal of Chromatographic Science</i> , 2021 , 59, 182-190	1.4	1
63	Degradation and mineralization of ofloxacin by ozonation and peroxone (O/HO) process. <i>Chemosphere</i> , 2021 , 269, 128775	8.4	26
62	Rapid determination of pharmaceuticals in wastewater by direct infusion HRMS using target and suspect screening analysis. <i>Science of the Total Environment</i> , 2021 , 755, 142688	10.2	11
61	Recent development of antibiotic detection in food and environment: the combination of sensors and nanomaterials. <i>Mikrochimica Acta</i> , 2021 , 188, 21	5.8	19
60	Current status of pharmaceutical contamination in water. 2021 , 255-270		1
59	Indicator Compounds Representative of Contaminants of Emerging Concern (CECs) Found in the Water Cycle in the United States. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	7
58	Mathematical Modelling of Biosensing Platforms Applied for Environmental Monitoring. <i>Chemosensors</i> , 2021 , 9, 50	4	3
57	Biodegradation of Emerging Pharmaceuticals from Domestic Wastewater by Membrane Bioreactor: The Effect of Solid Retention Time. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
56	Pitfalls in the Immunochemical Determination of β -Lactam Antibiotics in Water. <i>Antibiotics</i> , 2021 , 10,	4.9	1
55	Enhanced hydrogen production by mevastatin in microbial electrolysis cells. <i>International Journal of Energy Research</i> , 2021 , 45, 13990-13998	4.5	
54	Ionic liquid functionalized nano-zerovalent cerium for catalytic degradation of carbamazepine and colorimetric sensing of H ₂ O ₂ . <i>Journal of Water Process Engineering</i> , 2021 , 40, 101964	6.7	4
53	Immobilized Soybean Peroxidase Hybrid Biocatalysts for Efficient Degradation of Various Emerging Pollutants. <i>Biomolecules</i> , 2021 , 11,	5.9	7

52	Automated method to determine pharmaceutical compounds in wastewater using on-line solid-phase extraction coupled to LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 5147-5160	4.4	0
51	One-step purification/extraction method to access glyphosate, glufosinate, and their metabolites in natural waters. <i>Journal of Chromatography A</i> , 2021 , 1649, 462188	4.5	1
50	Assessment of Human Pharmaceuticals in Drinking Water Catchments, Tap and Drinking Fountain Waters. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7062	2.6	3
49	Non-targeted screening of trace organic contaminants in surface waters by a multi-tool approach based on combinatorial analysis of tandem mass spectra and open access databases. <i>Talanta</i> , 2021 , 230, 122293	6.2	2
48	Low-temperature partitioning extraction followed by liquid chromatography tandem mass spectrometry determination of multiclass antibiotics in solid and soluble wastewater fractions. <i>Journal of Chromatography A</i> , 2021 , 1650, 462256	4.5	1
47	Fast UHPLC-MS/MS for the Simultaneous Determination of Azithromycin, Erythromycin, Fluoxetine and Sotalol in Surface Water Samples. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8316	2.6	0
46	Input of Electroanalytical Methods for the Determination of Diclofenac: A Review of Recent Trends and Developments. <i>ChemElectroChem</i> ,	4.3	0
45	High-efficiency degradation of p-arsanilic acid and arsenic immobilization with iron encapsulated B/N-doped carbon nanotubes at natural solution pH. <i>Science of the Total Environment</i> , 2021 , 785, 147152	10.2	2
44	Pharmaceuticals, pesticides and metals/metalloids in Lake Guaíba in Southern Brazil: Spatial and temporal evaluation and a chemometrics approach. <i>Science of the Total Environment</i> , 2021 , 793, 148561	10.2	6
43	A review on environmental occurrence, toxicity and microbial degradation of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs). <i>Journal of Environmental Management</i> , 2021 , 300, 113694	7.9	10
42	Improvement of wastewater and water quality via a full-scale ozonation plant? - A comprehensive analysis of the endocrine potential using effect-based methods. <i>Science of the Total Environment</i> , 2022 , 803, 149756	10.2	4
41	Sources, fate, and impact of pharmaceutical and personal care products in the environment and their different treatment technologies. 2021 , 391-407		1
40	Matrix Effects in Liquid Chromatography-Electrospray Ionization-Mass Spectrometry. 161-186		4
39	Pharmaceuticals and Personal-Care Products. 207-227		3
38	Liquid Chromatography-Mass Spectrometry Methods for Analysis of Endocrine-Disrupting Chemicals in Wastewaters. <i>Handbook of Environmental Chemistry</i> , 2009 , 227-271	0.8	3
37	Emerging Contaminants in Waste Waters: Sources and Occurrence. <i>Handbook of Environmental Chemistry</i> , 2008 , 1-35	0.8	14
36	Membrane Bioreactor (MBR) as an Advanced Wastewater Treatment Technology. <i>Handbook of Environmental Chemistry</i> , 2008 , 37-101	0.8	42
35	Quantification of selected pharmaceutical compounds in water using liquid chromatography-electrospray ionisation mass spectrometry (LC-ESI-MS). <i>Heliyon</i> , 2020 , 6, e05787	3.6	9

34	Environmental Presence and Persistence of Pharmaceuticals An Overview. 2007 , 3-51		4
33	Determination of Antibiotic Residues: II. Extraction and Clean-up Methods for Liquid Samples_A Review. <i>Journal of Korean Neuropsychiatric Association</i> , 2016 , 32, 628-648	0.4	1
32	Pharmaceutical Mixtures: Still A Concern for Human and Environmental Health. <i>Current Medicinal Chemistry</i> , 2020 , 27, 121-153	4.3	3
31	Occurrence of Residual Pharmaceuticals and Fate, Residue and Toxic Effect in Drinking Water Resources. <i>Daehan Hwangyeong Gonghag Hoeji</i> , 2011 , 33, 453-479	0.6	11
30	Simultaneous Determination of Seven Bisphenol Analogues in Surface Water by Solid-Phase Extraction and Ultra-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>SSRN Electronic Journal</i> ,	1	
29	Characterization of the contamination fingerprint of wastewater treatment plant effluents in the Henares River Basin (central Spain) based on target and suspect screening analysis. <i>Science of the Total Environment</i> , 2022 , 806, 151262	10.2	0
28	Advances in the Analysis of Pharmaceuticals in the Aquatic Environment. 2007 , 53-80		
27	Pharmaceutical Compounds in Estuarine and Coastal Waters. 2009 ,		
26	Detection of Transformation Products of Emerging Contaminants. <i>Springer Briefs in Molecular Science</i> , 2012 , 19-29	0.6	1
25	Impact des rejets de médicaments sur le milieu récepteur : résultats des projets Sipibel et Irmise. <i>Techniques - Sciences - Methodes</i> , 2016 , 12-21	0	1
24	ANTİBİYOTİK VE ANTİBİYOTİKLERE DİR ENERİ BAKTERİLERİN FOTOKATALİZ PROSESİNİN GÖRÜLMESİ DEĞERLENDİRİLMESİ <i>Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi</i> , 2016 , 5, 1-18		1
23	Determination of Veterinary Antibiotic Residues: III. Analytical Methods_A Review. <i>Journal of Korean Neuropsychiatric Association</i> , 2016 , 32, 649-669	0.4	0
22	Detection and analysis of pharmaceutical products from the waste water system at the university teaching hospital of Yaoundé/Cameroon. <i>MOJ Toxicology</i> , 2018 , 4,	1	
21	Open-air storage with and without composting as post-treatment methods to degrade pharmaceutical residues in anaerobically digested and dewatered sewage sludge. <i>Science of the Total Environment</i> , 2022 , 806, 151271	10.2	0
20	Antibiotic removal processes from water & wastewater for the protection of the aquatic environment - a review. <i>Journal of Water Process Engineering</i> , 2022 , 45, 102474	6.7	4
19	Methods and challenges in the detection of microplastics and nanoplastics: a mini-review. <i>Polymer International</i> ,	3.3	3
18	Simultaneous determination of seven bisphenol analogues in surface water by solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Microchemical Journal</i> , 2022 , 175, 107098	4.8	1
17	Quantification of 10,11-dihydro-10-hydroxy carbamazepine and 10,11-epoxycarbamazepine as the main by-products in the electrochemical degradation of carbamazepine.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0

16	Spatiotemporal urban water profiling for the assessment of environmental and public exposure to antimicrobials (antibiotics, antifungals, and antivirals) in the Eerste River Catchment, South Africa.. <i>Environment International</i> , 2022 , 164, 107227	12.9	0
15	Hydroxyl radicals can significantly influence the toxicity of ofloxacin transformation products during ozonation. <i>Journal of Hazardous Materials</i> , 2022 , 438, 129503	12.8	0
14	Antiviral drugs against influenza: Treatment methods, environmental risk assessment and analytical determination. <i>Journal of Environmental Management</i> , 2022 , 318, 115523	7.9	1
13	Wastewater-based monitoring of illicit drugs in Cyprus by UPLC-MS/MS: The impact of the COVID-19 pandemic. 2023 , 854, 158747		0
12	Spatiotemporal profiling of Chemicals of Emerging Concern in a megacity: A case study of Lagos, Nigeria.		0
11	Solar Photoelectro-Fenton-Like Process with Anodically-Generated HClO in a Flow Reactor: Norfloxacin as a Pollutant with a Particular Structure.		0
10	Contaminants of emerging concerns (CECs) in a municipal wastewater treatment plant in Indonesia.		0
9	Occurrence of 28 Human and Veterinary Antibiotics Residues in Waters, North-Eastern Tunisia by Liquid Chromatography-Tandem Mass Spectrometry.		0
8	Development and validation of a direct injection liquid chromatography-tandem mass spectrometry method for the analysis of illicit drugs and psychopharmaceuticals in wastewater. 2022 , 1685, 463562		0
7	Solar photoelectro-Fenton-like process with anodically-generated HClO in a flow reactor: Norfloxacin as a pollutant with a particular structure. 2023 , 308, 122893		0
6	Presence and toxicity of drugs used to treat SARS-CoV-2 in Llobregat River, Catalonia, Spain..		0
5	Technical insights on various routes of hydrogen production from pharmaceutical, hydrothermal, sewage and textile wastewaters: Cost comparison and challenges. 2023 , 340, 127471		0
4	Multi-class determination of pharmaceuticals as emerging contaminants in wastewater from Eastern Province, Saudi Arabia using eco-friendly SPE-UHPLC-MS/MS: Occurrence, removal and environmental risk assessment. 2023 , 187, 108453		0
3	Presence and toxicity of drugs used to treat SARS-CoV-2 in Llobregat River, Catalonia, Spain. 2023 , 30, 49487-49497		0
2	Detection and removal of emerging contaminants from water bodies: A statistical approach. 3,		0
1	Seasonal analysis of commonly prescribed antibiotics in Istanbul city. 2023 , 195,		0