

Mixture toxicity of the anti-inflammatory drugs diclofenac and acetylsalicylic acid

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Toxicity classification and evaluation of four pharmaceuticals classes: antibiotics, antineoplastics, cardiovascular, and sex hormones. <i>Toxicology</i> , 2004, 203, 27-40.	2.0	157
2	Ranking and prioritization of environmental risks of pharmaceuticals in surface waters. <i>Regulatory Toxicology and Pharmacology</i> , 2004, 39, 158-183.	1.3	362
3	PREDICTION AND EXPERIMENTAL VALIDATION OF ACUTE TOXICITY OF β -BLOCKERS IN CERIODAPHNIA DUBIA. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2470.	2.2	43
4	Household Disposal of Pharmaceuticals as a Pathway for Aquatic Contamination in the United Kingdom. <i>Environmental Health Perspectives</i> , 2005, 113, 1705-1711.	2.8	383
5	Les substances pharmaceutiques dans les milieux aquatiques. Niveaux d'exposition et effet biologique: que savons nous?. <i>Revue Des Sciences De L'Eau</i> , 2005, 18, 307-330.	0.2	16
6	Photo-Fenton Degradation of Diclofenac: Identification of Main Intermediates and Degradation Pathway. <i>Environmental Science & Technology</i> , 2005, 39, 8300-8306.	4.6	349
7	In Vitro Assessment of Modes of Toxic Action of Pharmaceuticals in Aquatic Life. <i>Environmental Science & Technology</i> , 2005, 39, 3090-3100.	4.6	145
8	Initial risk assessment for three β -blockers found in the aquatic environment. <i>Chemosphere</i> , 2005, 59, 199-205.	4.2	229
9	Naproxen removal from water by chlorination and biofilm processes. <i>Water Research</i> , 2005, 39, 668-676.	5.3	120
10	Oxidation of Pharmaceuticals during Ozonation of Municipal Wastewater Effluents: A Pilot Study. <i>Environmental Science & Technology</i> , 2005, 39, 4290-4299.	4.6	713
11	Ecopharmacology: A New Topic of Importance in Pharmacovigilance. <i>Drug Safety</i> , 2006, 29, 371-373.	1.4	28
12	A Preliminary Ecotoxicity Study of Pharmaceuticals in the Marine Environment. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1959-1970.	1.1	23
13	Ecotoxicology of human pharmaceuticals. <i>Aquatic Toxicology</i> , 2006, 76, 122-159.	1.9	2,538
14	Behavioural responses of <i>Gammarus pulex</i> (Crustacea, Amphipoda) to low concentrations of pharmaceuticals. <i>Aquatic Toxicology</i> , 2006, 78, 209-216.	1.9	239
15	Cytotoxicity of pharmaceuticals found in aquatic systems: Comparison of PLHC-1 and RTG-2 fish cell lines. <i>Aquatic Toxicology</i> , 2006, 79, 114-123.	1.9	98
16	Household disposal of pharmaceuticals and perception of risk to the environment. <i>Environmental Toxicology and Pharmacology</i> , 2006, 21, 301-307.	2.0	111
17	Long-Term Comparison of Trace Organics Removal Performances Between Conventional and Membrane Activated Sludge Processes. <i>Water Environment Research</i> , 2006, 78, 2480-2486.	1.3	53
18	PHARMACEUTICALLY ACTIVE COMPOUNDS IN ATLANTIC CANADIAN SEWAGE TREATMENT PLANT EFFLUENTS AND RECEIVING WATERS, AND POTENTIAL FOR ENVIRONMENTAL EFFECTS AS MEASURED BY ACUTE AND CHRONIC AQUATIC TOXICITY. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2163.	2.2	183

#	ARTICLE	IF	CITATIONS
19	Photocatalytic degradation study of diclofenac over aqueous TiO ₂ suspensions. <i>Applied Catalysis B: Environmental</i> , 2006, 67, 197-205.	10.8	299
20	Salicylate Disrupts Interrenal Steroidogenesis and Brain Glucocorticoid Receptor Expression in Rainbow Trout. <i>Toxicological Sciences</i> , 2006, 93, 41-49.	1.4	53
21	Human Pharmaceuticals in the Aquatic Environment: A Challenge to Green Chemistry. <i>Chemical Reviews</i> , 2007, 107, 2319-2364.	23.0	959
22	Salicylate impacts the physiological responses to an acute handling disturbance in rainbow trout. <i>Aquatic Toxicology</i> , 2007, 85, 87-95.	1.9	30
23	Toxicity and hazard of selective serotonin reuptake inhibitor antidepressants fluoxetine, fluvoxamine, and sertraline to algae. <i>Ecotoxicology and Environmental Safety</i> , 2007, 67, 128-139.	2.9	97
24	Theoretical Study of Ibuprofen Phototoxicity. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13345-13352.	1.2	38
25	Chronic toxicity of ibuprofen to <i>Daphnia magna</i> : Effects on life history traits and population dynamics. <i>Toxicology Letters</i> , 2007, 172, 137-145.	0.4	141
26	Pharmacoenvironmentology – a component of pharmacovigilance. <i>Environmental Health</i> , 2007, 6, 20.	1.7	23
27	Assessing the assessments: Pharmaceuticals in the environment. <i>Environmental Impact Assessment Review</i> , 2007, 27, 707-729.	4.4	110
28	DETERMINISTIC AND PROBABILISTIC ACUTE-BASED ENVIRONMENTAL RISK ASSESSMENT FOR NAPROXEN FOR WESTERN EUROPE. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 795.	2.2	44
29	Wastewater treatment plants as a pathway for aquatic contamination by pharmaceuticals in the Ebro river basin (Northeast Spain). <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1553-1562.	2.2	318
30	Human and environmental risk assessment of pharmaceuticals: differences, similarities, lessons from toxicology. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1259-1268.	1.9	54
31	Factors affecting the removal of organic micropollutants from wastewater in conventional treatment plants (CTP) and membrane bioreactors (MBR). <i>Reviews in Environmental Science and Biotechnology</i> , 2008, 7, 61-78.	3.9	248
32	Individual and Mixture Effects of Selected Pharmaceuticals and Personal Care Products on the Marine Phytoplankton Species <i>Dunaliella tertiolecta</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 54, 203-210.	2.1	146
33	Fate and toxicity of emerging pollutants, their metabolites and transformation products in the aquatic environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 991-1007.	5.8	721
34	Electrokinetic supercharging for on-line preconcentration of seven non-steroidal anti-inflammatory drugs in water samples. <i>Journal of Chromatography A</i> , 2008, 1189, 278-284.	1.8	50
35	The occurrence of acidic drugs and caffeine in sewage effluents and receiving waters from three coastal watersheds in Atlantic Canada. <i>Science of the Total Environment</i> , 2008, 396, 132-146.	3.9	150
36	Preliminary risk assessment database and risk ranking of pharmaceuticals in the environment. <i>Science of the Total Environment</i> , 2008, 398, 26-33.	3.9	171

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37	Occurrence of diclofenac and selected metabolites in sewage effluents. <i>Science of the Total Environment</i> , 2008, 405, 310-316.	3.9	162
38	Pharmaceuticals in the Environment. , 2008, , .		176
41	Development and optimisation of a single extraction procedure for the LC/MS/MS analysis of two pharmaceutical classes residues in sewage treatment plant. <i>Talanta</i> , 2008, 74, 1463-1475.	2.9	74
42	Acute and chronic effects of ibuprofen in the mollusc <i>Planorbis carinatus</i> (Gastropoda: Planorbidae). <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 47-52.	2.9	78
43	Environmental assessment of Norwegian priority pharmaceuticals based on the EMEA guideline. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 328-340.	2.9	187
44	The toxicity of the quaternary ammonium compound benzalkonium chloride alone and in mixtures with other anionic compounds to bacteria in test systems with <i>Vibrio fischeri</i> and <i>Pseudomonas putida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 498-505.	2.9	78
45	Acute effects of diclofenac and DMSO to <i>Daphnia magna</i> : Immobilisation and hsp70-induction. <i>Chemosphere</i> , 2008, 73, 353-359.	4.2	108
46	Carbamazepine and diclofenac: Removal in wastewater treatment plants and occurrence in water bodies. <i>Chemosphere</i> , 2008, 73, 1151-1161.	4.2	1,215
47	Aquatic Plants Exposed to Pharmaceuticals: Effects and Risks. <i>Reviews of Environmental Contamination and Toxicology</i> , 2008, 192, 67-115.	0.7	116
48	Impact of Emergent Contaminants in the Environment: Environmental Risk Assessment. <i>Handbook of Environmental Chemistry</i> , 2008, , 169-188.	0.2	2
49	Impact of Emergent Contaminants in the Environment: Environmental Risk Assessment. , 2008, , 169-188.		7
50	Removal of Emerging Contaminants in Waste-water Treatment: Removal by Photo-catalytic Processes. , 2007, , 177-197.		2
52	Simulation of Pharmaceutical and Personal Care Product Transport to Tile Drains after Biosolids Application. <i>Journal of Environmental Quality</i> , 2009, 38, 1274-1285.	1.0	29
53	In vitro analysis of inflammatory responses following environmental exposure to pharmaceuticals and inland waters. <i>Science of the Total Environment</i> , 2009, 407, 1452-1460.	3.9	22
54	Evaluation of the acute, chronic and teratogenic effects of a mixture of eleven pharmaceuticals on the cnidarian, <i>Hydra attenuata</i> . <i>Science of the Total Environment</i> , 2009, 407, 1072-1079.	3.9	95
55	Effects of ozone pre-treatment on diclofenac: Intermediates, biodegradability and toxicity assessment. <i>Science of the Total Environment</i> , 2009, 407, 3572-3578.	3.9	147
56	Artificial neural network models based on QSAR for predicting rejection of neutral organic compounds by polyamide nanofiltration and reverse osmosis membranes. <i>Journal of Membrane Science</i> , 2009, 342, 251-262.	4.1	96
57	Electro-oxidation of diclofenac at boron doped diamond: Kinetics and mechanism. <i>Electrochimica Acta</i> , 2009, 54, 4172-4179.	2.6	93

#	ARTICLE	IF	CITATIONS
58	Electrochemical degradation of Ibuprofen on Ti/Pt/PbO ₂ and Si/BDD electrodes. <i>Electrochimica Acta</i> , 2009, 54, 1464-1472.	2.6	210
59	The presence of pharmaceuticals in the environment due to human use – present knowledge and future challenges. <i>Journal of Environmental Management</i> , 2009, 90, 2354-2366.	3.8	979
60	Counter-flow electrokinetic supercharging for the determination of non-steroidal anti-inflammatory drugs in water samples. <i>Journal of Chromatography A</i> , 2009, 1216, 3380-3386.	1.8	49
61	ssDNA aptamers that recognize diclofenac and 2-anilinophenylacetic acid. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5380-5387.	1.4	40
62	Developmental anomalies induced by a non-selective COX inhibitor (ibuprofen) in zebrafish (<i>Danio rerio</i>). <i>Development</i> , 2009, 136, 1071-1078.	2.0	78
63	Integrated fuzzy concentration addition-independent action (IFCA-IA) model outperforms two-stage prediction (TSP) for predicting mixture toxicity. <i>Chemosphere</i> , 2009, 74, 735-740.	4.2	31
64	An in vitro biomarker approach for the evaluation of the ecotoxicity of non-steroidal anti-inflammatory drugs (NSAIDs). <i>Toxicology in Vitro</i> , 2009, 23, 935-942.	1.1	92
65	Degradation of diclofenac by TiO ₂ photocatalysis: UV absorbance kinetics and process evaluation through a set of toxicity bioassays. <i>Water Research</i> , 2009, 43, 979-988.	5.3	236
66	Fate of pharmaceuticals in contaminated urban wastewater effluent under ultrasonic irradiation. <i>Water Research</i> , 2009, 43, 4019-4027.	5.3	133
67	Heterogeneous photocatalytic degradation kinetics and detoxification of an urban wastewater treatment plant effluent contaminated with pharmaceuticals. <i>Water Research</i> , 2009, 43, 4070-4078.	5.3	214
68	Single and combined toxicity of pharmaceuticals and personal care products (PPCPs) on the rainbow trout liver cell line RTL-W1. <i>Aquatic Toxicology</i> , 2009, 93, 244-252.	1.9	109
69	Continuous flow hollow fiber liquid-phase microextraction and monitoring of NSAID pharmaceuticals in a sewage treatment plant effluent. <i>Analytical Methods</i> , 2009, 1, 59.	1.3	60
70	Effects of a pharmaceutical mixture at environmentally relevant concentrations on the amphipod <i>Gammarus fossarum</i> . <i>Marine and Freshwater Research</i> , 2010, 61, 196.	0.7	16
71	Occurrence and risk assessment of acidic pharmaceuticals in the Yellow River, Hai River and Liao River of north China. <i>Science of the Total Environment</i> , 2010, 408, 3139-3147.	3.9	157
72	Identification of a phytotoxic photo-transformation product of diclofenac using effect-directed analysis. <i>Environmental Pollution</i> , 2010, 158, 1461-1466.	3.7	69
73	Human health risk assessment of pharmaceuticals in water: An uncertainty analysis for meprobamate, carbamazepine, and phenytoin. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 57, 146-156.	1.3	84
74	Occurrence and a screening-level risk assessment of human pharmaceuticals in the Pearl River system, South China. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1377-1384.	2.2	142
75	Ecotoxicological aspects related to the presence of pharmaceuticals in the aquatic environment. <i>Journal of Hazardous Materials</i> , 2010, 175, 45-95.	6.5	1,166

#	ARTICLE	IF	CITATIONS
76	Occurrence, temporal evolution and risk assessment of pharmaceutically active compounds in Doñana Park (Spain). <i>Journal of Hazardous Materials</i> , 2010, 183, 602-608.	6.5	96
77	Ultrasonic degradation, mineralization and detoxification of diclofenac in water: Optimization of operating parameters. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 179-185.	3.8	144
78	Biodegradation of the analgesic naproxen by <i>Trametes versicolor</i> and identification of intermediates using HPLC-DAD-MS and NMR. <i>Bioresource Technology</i> , 2010, 101, 2159-2166.	4.8	166
79	Pharmaceuticals as Emerging Contaminants in Coastal Ecosystems. <i>Ocean Yearbook</i> , 2010, 24, 269-281.	0.2	0
80	Human Health Risk Assessment of Pharmaceuticals in Water: Issues and Challenges Ahead. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 3929-3953.	1.2	65
81	Ozonation of NSAID: A Biodegradability and Toxicity Study. <i>Ozone: Science and Engineering</i> , 2010, 32, 91-98.	1.4	24
82	Pharmaceuticals as Emerging Contaminants in Coastal Ecosystems. <i>Ocean Yearbook</i> , 2010, 24, 269-281.	0.2	0
83	Pharmaceuticals as Emerging Contaminants in Coastal Ecosystems. <i>Ocean Yearbook</i> , 2010, 24, 269-281.	0.2	0
84	Removal of pharmaceuticals during wastewater treatment and environmental risk assessment using hazard indexes. <i>Environment International</i> , 2010, 36, 15-26.	4.8	747
85	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, 153-162.	4.8	350
86	Pollution by psychoactive pharmaceuticals in the Rivers of Madrid metropolitan area (Spain). <i>Environment International</i> , 2010, 36, 195-201.	4.8	175
87	Application of the combination index (CI)-isobologram equation to study the toxicological interactions of lipid regulators in two aquatic bioluminescent organisms. <i>Water Research</i> , 2010, 44, 427-438.	5.3	134
88	Endocrine disruption and consequences of chronic exposure to ibuprofen in Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Health Perspectives</i> , 2010, 118, 256-264.	1.9	234
89	Toxicity of five protein synthesis inhibiting antibiotics and their mixture to limnic bacterial communities. <i>Aquatic Toxicology</i> , 2010, 99, 457-465.	1.9	31
90	Pharmaceuticals in the aquatic environment: A critical review of the evidence for health effects in fish. <i>Critical Reviews in Toxicology</i> , 2010, 40, 287-304.	1.9	466
91	Single and combined toxicity of pharmaceuticals at environmentally relevant concentrations in <i>Daphnia magna</i> – A multigenerational study. <i>Chemosphere</i> , 2010, 79, 60-66.	4.2	141
92	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, 489-498.	4.2	118
93	Occurrence and behavior of non-steroidal anti-inflammatory drugs and lipid regulators in wastewater and urban river water of the Pearl River Delta, South China. <i>Journal of Environmental Monitoring</i> , 2011, 13, 855.	2.1	46

#	ARTICLE	IF	CITATIONS
94	Removal of Naproxen, Salicylic Acid, Clofibrilic Acid, and Carbamazepine by Water Phase Adsorption onto Inorganic-Organic-Intercalated Bentonites Modified with Transition Metal Cations. <i>Environmental Engineering Science</i> , 2011, 28, 171-182.	0.8	32
95	Chemical Introductions to the Systems. , 2011, , 71-111.		0
96	Wastewater release and its impacts on Canadian waters. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 1836-1859.	0.7	88
97	Review: Source, Fate, Toxicological Effect and Removal Technology of Pharmaceuticals in the Environment. <i>Geosystem Engineering</i> , 2011, 14, 35-42.	0.7	5
98	Exposure to human pharmaceuticals Carbamazepine, Ibuprofen and Bezafibrate causes molecular effects in <i>Dreissena polymorpha</i> . <i>Aquatic Toxicology</i> , 2011, 105, 428-437.	1.9	139
99	SENSITIVE QUANTIFICATION OF DICLOFENAC AND IBUPROFEN USING THIN LAYER CHROMATOGRAPHY COUPLED WITH A <i>VIBRIO FISHERI</i> BIOLUMINESCENCE ASSAY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 817-828.	0.5	14
100	Effects of a complex mixture of therapeutic drugs on unicellular algae <i>Pseudokirchneriella subcapitata</i> . <i>Aquatic Toxicology</i> , 2011, 101, 459-465.	1.9	93
101	Chronic exposure to diclofenac on two freshwater cladocerans and Japanese medaka. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1216-1225.	2.9	98
102	Chronic effects induced by ibuprofen on the freshwater bivalve <i>Dreissena polymorpha</i> . <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1586-1594.	2.9	123
103	Occurrence, partition and removal of pharmaceuticals in sewage water and sludge during wastewater treatment. <i>Water Research</i> , 2011, 45, 1165-1176.	5.3	802
104	The Use of Methods of Environmental Analysis and Ecotoxicological Tests in the Evaluation of Wastewater. , 2011, , .		2
105	Toxicity of Some Cinnamic Acid Derivatives to Common Bean (<i>Phaseolus vulgaris</i>). <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2011, 39, 130.	0.5	13
106	The risks associated with wastewater reuse and xenobiotics in the agroecological environment. <i>Science of the Total Environment</i> , 2011, 409, 3555-3563.	3.9	330
107	Screening of pharmaceuticals and hormones at the regional scale, in surface and groundwaters intended to human consumption. <i>Environmental Pollution</i> , 2011, 159, 2929-2934.	3.7	356
108	Effects of selected pharmaceutically active compounds on the ammonia oxidizing bacterium <i>Nitrosomonas europaea</i> . <i>Chemosphere</i> , 2011, 82, 565-572.	4.2	44
109	Assessment of the Potential Cyto-Genotoxicity of the Nonsteroidal Anti-Inflammatory Drug (NSAID) Diclofenac on the Zebra Mussel (<i>Dreissena polymorpha</i>). <i>Water, Air, and Soil Pollution</i> , 2011, 217, 589-601.	1.1	46
110	Ibuprofen Genotoxicity in Aquatic Environment: An Experimental Model Using <i>Oreochromis niloticus</i> . <i>Water, Air, and Soil Pollution</i> , 2011, 218, 361-364.	1.1	44
111	Occurrence of pharmaceuticals and hormones in drinking water treated from surface waters. <i>Environmental Chemistry Letters</i> , 2011, 9, 103-114.	8.3	203

#	ARTICLE	IF	CITATIONS
112	A K ow -Based QSAR Model for Predicting Toxicity of Halogenated Benzenes to all Algae Regardless of Species. Bulletin of Environmental Contamination and Toxicology, 2011, 86, 565-570.	1.3	7
113	Photo-removal of sulfamethoxazole (SMX) by photolytic and photocatalytic processes in a batch reactor under UV-C radiation ($\lambda_{max}=254nm$). Journal of Hazardous Materials, 2011, 186, 67-75.	6.5	147
114	The occurrence and fate of anti-inflammatory and analgesic pharmaceuticals in sewage and fresh water: Treatability by conventional and non-conventional processes. Journal of Hazardous Materials, 2011, 187, 24-36.	6.5	285
115	Factors that have an effect on degradation of diclofenac in aqueous solution by gamma ray irradiation. Environmental Science and Pollution Research, 2011, 18, 1243-1252.	2.7	34
116	Removal of pharmaceuticals and endocrine disrupting compounds in a water recycling process using reverse osmosis systems. Separation and Purification Technology, 2011, 77, 60-67.	3.9	138
117	Degradation of diclofenac in water by homogeneous and heterogeneous sonolysis. Ultrasonics Sonochemistry, 2011, 18, 114-119.	3.8	90
118	Risk Assessment of Pollutants in the Llobregat River Basin. Handbook of Environmental Chemistry, 2012, , 263-295.	0.2	2
119	Contribution to Surface Water Contamination Understanding by Pesticides and Pharmaceuticals, at a Watershed Scale. International Journal of Environmental Research and Public Health, 2012, 9, 4433-4451.	1.2	13
120	The Photodegradation of Ibuprofen and Dissolved Organic Matter in Lake Superior and St. Louis River Water. Zebrafish, 2012, 9, 179-184.	0.5	5
121	Impact of wastewater treatment plant discharge of lidocaine, tramadol, venlafaxine and their metabolites on the quality of surface waters and groundwater. Journal of Environmental Monitoring, 2012, 14, 1391.	2.1	79
122	The presence of acidic and neutral drugs in treated sewage effluents and receiving waters in the Cornwallis and Annapolis River watersheds and the Mill Cove Sewage Treatment Plant in Nova Scotia, Canada. Environmental Research, 2012, 112, 92-99.	3.7	37
123	Effects of the aquatic contaminant human pharmaceuticals and their mixtures on the proliferation and migratory responses of the bioindicator freshwater ciliate Tetrahymena. Chemosphere, 2012, 89, 592-601.	4.2	46
124	Effects of indomethacin and propranolol on Chironomus riparius and Physella (Costatella) acuta. Ecotoxicology and Environmental Safety, 2012, 78, 110-115.	2.9	19
125	Human Pharmaceuticals in the Aquatic Environment: A Review of Recent Toxicological Studies and Considerations for Toxicity Testing. Reviews of Environmental Contamination and Toxicology, 2012, 218, 1-99.	0.7	111
126	Risk assessment for ecotoxicity of pharmaceuticals – an emerging issue. Expert Opinion on Drug Safety, 2012, 11, 235-274.	1.0	43
127	Catalytic ozonation of sulphamethoxazole in the presence of carbon materials: Catalytic performance and reaction pathways. Journal of Hazardous Materials, 2012, 239-240, 167-174.	6.5	141
128	Occurrence and Elimination of Pharmaceuticals During Conventional Wastewater Treatment. Handbook of Environmental Chemistry, 2012, , 1-23.	0.2	60
129	Upgrading of Wastewater Treatment Plants Through the Use of Unconventional Treatment Technologies: Removal of Lidocaine, Tramadol, Venlafaxine and Their Metabolites. Water (Switzerland), 2012, 4, 650-669.	1.2	26

#	ARTICLE	IF	CITATIONS
130	Chiral pharmaceuticals in the environment. <i>Environmental Chemistry Letters</i> , 2012, 10, 239-253.	8.3	76
131	Determination of detoxification to <i>Daphnia magna</i> of four pharmaceuticals and seven surfactants by activated sludge. <i>Chemosphere</i> , 2012, 88, 459-466.	4.2	21
132	Molecular structure and vibrational spectra of ibuprofen using density function theory calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 89, 201-209.	2.0	21
133	Occurrence of pharmaceutical compounds in urban wastewater: Removal, mass load and environmental risk after a secondary treatment—A review. <i>Science of the Total Environment</i> , 2012, 429, 123-155.	3.9	1,681
134	Molecular and microscopic assessment of the effects of caffeine, acetaminophen, diclofenac, and their mixtures on river biofilm communities. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 508-517.	2.2	56
135	Perspectives on Non-Animal Alternatives for Assessing Sensitization Potential in Allergic Contact Dermatitis. <i>Cellular and Molecular Bioengineering</i> , 2012, 5, 52-72.	1.0	8
136	Aptamers for pharmaceuticals and their application in environmental analytics. <i>Bioanalytical Reviews</i> , 2012, 4, 1-30.	0.1	71
137	Sub-lethal effects induced by a mixture of three non-steroidal anti-inflammatory drugs (NSAIDs) on the freshwater bivalve <i>Dreissena polymorpha</i> . <i>Ecotoxicology</i> , 2012, 21, 379-392.	1.1	67
138	Removal of residual anti-inflammatory and analgesic pharmaceuticals from aqueous systems by electrochemical advanced oxidation processes. A review. <i>Chemical Engineering Journal</i> , 2013, 228, 944-964.	6.6	448
139	A docking-based receptor library of antibiotics and its novel application in predicting chronic mixture toxicity for environmental risk assessment. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 4513-4527.	1.3	22
140	Sonochemical degradation of the persistent pharmaceutical carbamazepine. <i>Journal of Environmental Management</i> , 2013, 131, 25-32.	3.8	41
141	Degradation of diclofenac by pyrite catalyzed Fenton oxidation. <i>Applied Catalysis B: Environmental</i> , 2013, 134-135, 93-102.	10.8	320
142	Occurrence and ecological hazard assessment of selected veterinary medicines in livestock wastewater treatment plants. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2013, 48, 658-670.	0.7	22
143	More on sonolytic and sonocatalytic decomposition of Diclofenac using zero-valent iron. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 580-586.	3.8	48
144	Diclofenac: New data on chronic toxicity and bioconcentration in fish. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 442-452.	2.2	121
145	Molecular docking: A potential tool to aid ecotoxicity testing in environmental risk assessment of pharmaceuticals. <i>Chemosphere</i> , 2013, 93, 2568-2577.	4.2	32
146	Degradation of Gemfibrozil and Naproxen in a river water ecosystem. <i>Microchemical Journal</i> , 2013, 107, 158-164.	2.3	83
147	Continuous treatment of clofibric acid by <i>Trametes versicolor</i> in a fluidized bed bioreactor: Identification of transformation products and toxicity assessment. <i>Biochemical Engineering Journal</i> , 2013, 75, 79-85.	1.8	25

#	ARTICLE	IF	CITATIONS
148	Is <i>Atyaephyra desmarestii</i> a useful candidate for lethal and sub-lethal toxicity tests on pharmaceutical compounds?. <i>Journal of Hazardous Materials</i> , 2013, 263, 256-265.	6.5	16
149	Presence and hazards of nutrients and emerging organic micropollutants from sewage lagoon discharges into Dead Horse Creek, Manitoba, Canada. <i>Science of the Total Environment</i> , 2013, 445-446, 64-78.	3.9	70
150	Ecological screening indicators of stress and risk for the Llobregat river water. <i>Journal of Hazardous Materials</i> , 2013, 263, 239-247.	6.5	13
151	Uptake and accumulation of four PPCP/EDCs in two leafy vegetables. <i>Environmental Pollution</i> , 2013, 182, 150-156.	3.7	158
152	Ceria dispersed on carbon materials for the catalytic ozonation of sulfamethoxazole. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 260-269.	3.3	36
153	Assessment of quantitative structural property relationships for prediction of pharmaceutical sorption during biological wastewater treatment. <i>Chemosphere</i> , 2013, 92, 639-646.	4.2	33
154	Chronic Effects of Carbamazepine on Life-History Strategies of <i>Ceriodaphnia dubia</i> in Three Successive Generations. <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 64, 427-438.	2.1	31
155	Application of a Biomarker Response Index for Ranking the Toxicity of Five Pharmaceutical and Personal Care Products (PPCPs) to the Bivalve <i>Dreissena polymorpha</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2013, 64, 439-447.	2.1	54
156	Removal of pharmaceuticals from wastewater by biological processes, hydrodynamic cavitation and UV treatment. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1104-1112.	3.8	219
157	Chronic effects of exposure to a pharmaceutical mixture and municipal wastewater in zebrafish. <i>Aquatic Toxicology</i> , 2013, 132-133, 212-222.	1.9	154
158	Dissolved Organic Matter in Natural Waters. <i>Environmental Science and Engineering</i> , 2013, , 1-137.	0.1	28
159	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, 302-316.	3.9	469
160	Acute toxicity of 30 pharmaceutically active compounds to freshwater planarians, <i>Dugesia japonica</i> . <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1157-1170.	0.6	35
161	Prioritization. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 71-90.	0.7	8
162	How <i>Daphnia</i> (Cladocera) Assays may be used as Bioindicators of Health Effects?. <i>Journal of Biodiversity & Endangered Species</i> , 2013, 01, .	0.1	7
163	What Do We Know About the Chronic and Mixture Toxicity of the Residues of Sulfonamides in the Environment?. , 0, , .		4
164	Individual and Mixture Toxicity of Pharmaceuticals Naproxen, Carbamazepine, and Sulfamethoxazole to Australian Striped Marsh Frog Tadpoles (<i>Limnodynastes peronii</i>). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 337-345.	1.1	46
165	Binary mixtures of diclofenac with paracetamol, ibuprofen, naproxen, and acetylsalicylic acid and these pharmaceuticals in isolated form induce oxidative stress on <i>Hyalella azteca</i> . <i>Environmental Monitoring and Assessment</i> , 2014, 186, 7259-7271.	1.3	33

#	ARTICLE	IF	CITATIONS
166	Growth Inhibition of Tadpoles Exposed to Sertraline in the Presence of Conspecifics. <i>Journal of Herpetology</i> , 2014, 48, 571-576.	0.2	12
167	Photocatalytic Degradation of Malachite Green Dye and Pharmaceuticals Using Co:TiO ₂ Thin Films. <i>Advanced Materials Research</i> , 2014, 976, 212-216.	0.3	3
168	Effects of Mixture of Pharmaceuticals on Early Life Stages of Tench (<i>Tinca tinca</i>). <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	20
169	Ozonation of ibuprofen: A degradation and toxicity study. <i>Science of the Total Environment</i> , 2014, 466-467, 957-964.	3.9	103
170	Degradation of bezafibrate in wastewater by catalytic ozonation with cobalt doped red mud: Efficiency, intermediates and toxicity. <i>Applied Catalysis B: Environmental</i> , 2014, 152-153, 342-351.	10.8	48
171	Degradation of drugs in water with advanced oxidation processes and ozone. <i>Journal of Environmental Management</i> , 2014, 137, 197-203.	3.8	25
172	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, 421-438.	3.9	435
173	A Preliminary Study on the Occurrence of Pharmaceutically Active Compounds in Hospital Wastewater and Surface Water in Hanoi, Vietnam. <i>Clean - Soil, Air, Water</i> , 2014, 42, 267-275.	0.7	71
174	Non-steroidal anti-inflammatory drugs in Indian rivers. <i>Environmental Science and Pollution Research</i> , 2014, 21, 921-931.	2.7	135
175	An emission model tracking the life cycle pathways of human pharmaceuticals in Korea. <i>Environmental Health and Preventive Medicine</i> , 2014, 19, 46-55.	1.4	4
176	Effects of active pharmaceutical ingredients mixtures in mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2014, 153, 12-26.	1.9	69
177	Kinetics and Thermodynamic Study of Balsalazide Adsorption by Unsaturated Polyester Resin (UPR): A Non-carbon Adsorbent. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	9
178	Studies on oxidative radiolysis of ibuprofen in presence of potassium persulfate. <i>Radiation Physics and Chemistry</i> , 2014, 100, 38-44.	1.4	45
179	Identification of phototransformation products of thalidomide and mixture toxicity assessment: An experimental and quantitative structural activity relationships (QSAR) approach. <i>Water Research</i> , 2014, 49, 11-22.	5.3	37
180	Ecotoxicological evaluation of selected pharmaceuticals to <i>Vibrio fischeri</i> and <i>Daphnia magna</i> before and after photooxidation process. <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 247-253.	2.9	51
181	Removal of emerging micropollutants from water using cyclodextrin. <i>Science of the Total Environment</i> , 2014, 485-486, 711-719.	3.9	61
182	Photochemical oxidation of municipal secondary effluents at low H ₂ O ₂ dosage: Study of hydroxyl radical scavenging and process performance. <i>Chemical Engineering Journal</i> , 2014, 237, 268-276.	6.6	40
183	Occurrence and removal of six pharmaceuticals and personal care products in a wastewater treatment plant employing anaerobic/anoxic/aerobic and UV processes in Shanghai, China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 4276-4285.	2.7	50

#	ARTICLE	IF	CITATIONS
184	Ecotoxicity and environmental risk assessment of pharmaceuticals and personal care products in aquatic environments and wastewater treatment plants. <i>Ecotoxicology</i> , 2014, 23, 1517-1533.	1.1	190
185	Microextraction of non-steroidal anti-inflammatory drugs from waste water samples by rotating-disk sorptive extraction. <i>Talanta</i> , 2014, 128, 486-492.	2.9	57
187	Environmental side effects of pharmaceutical cocktails: What we know and what we should know. <i>Journal of Hazardous Materials</i> , 2014, 279, 169-189.	6.5	226
188	Human health risk assessment of the mixture of pharmaceuticals in Dutch drinking water and its sources based on frequent monitoring data. <i>Science of the Total Environment</i> , 2014, 496, 54-62.	3.9	128
189	Exploiting monitoring data in environmental exposure modelling and risk assessment of pharmaceuticals. <i>Environment International</i> , 2014, 73, 176-185.	4.8	73
190	Occurrence of pharmaceuticals in urban wastewater of north Indian cities and risk assessment. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 6663-6682.	1.3	85
191	Effects of Single and Mixed Estrogens on Single and Combined Cultures of <i>D. subspicatus</i> and <i>P. subcapitata</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 215-221.	1.3	20
192	Toxicity of ibuprofen and perfluorooctanoic acid for risk assessment of mixtures in aquatic and terrestrial environments. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 1743-1750.	1.8	34
193	Pharmaceuticals in the Surface Water of the USA: A Review. <i>Current Environmental Health Reports</i> , 2014, 1, 113-122.	3.2	93
194	The Determination of Single and Mixture Toxicity at High Concentrations of Some Acidic Pharmaceuticals via <i>Aliivibrio fischeri</i> . <i>Environmental Processes</i> , 2014, 1, 95-103.	1.7	8
195	Occurrence, fate and ecotoxicological assessment of pharmaceutically active compounds in wastewater and sludge from wastewater treatment plants in Chongqing, the Three Gorges Reservoir Area. <i>Science of the Total Environment</i> , 2014, 470-471, 618-630.	3.9	151
196	Combined effects of pharmaceuticals, personal care products, biocides and organic contaminants on the growth of <i>Skeletonema pseudocostatum</i> . <i>Aquatic Toxicology</i> , 2014, 150, 45-54.	1.9	66
197	DNA damage and oxidative stress induced by acetylsalicylic acid in <i>Daphnia magna</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 164, 21-26.	1.3	45
198	Genotoxic response and oxidative stress induced by diclofenac, ibuprofen and naproxen in <i>Daphnia magna</i> . <i>Drug and Chemical Toxicology</i> , 2014, 37, 391-399.	1.2	93
199	Occurrence and human health risk of wastewater-derived pharmaceuticals in a drinking water source for Shanghai, East China. <i>Science of the Total Environment</i> , 2014, 490, 987-993.	3.9	60
200	Distribution and risk assessment of quinolone antibiotics in the soils from organic vegetable farms of a subtropical city, Southern China. <i>Science of the Total Environment</i> , 2014, 487, 399-406.	3.9	111
201	How to Answer the Question "Are Drugs Real Threats to Biological Systems or Overrated Innocuous Chemicals?". , 0, , .		1
202	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	16

#	ARTICLE	IF	CITATIONS
203	Evaluation of ecotoxicological effects of drugs on <i>Daphnia magna</i> using different enzymatic biomarkers. <i>Ecotoxicology and Environmental Safety</i> , 2015, 119, 123-131.	2.9	76
204	Acute toxicity of selected organic pollutants to saltwater (mysid <i>Siriella armata</i>) and freshwater (cladoceran <i>Daphnia magna</i>) ecotoxicological models. <i>Ecotoxicology</i> , 2015, 24, 1229-1238.	1.1	18
205	Reclaimed Water Systems: Biodiversity Friend or Foe?. <i>ACS Symposium Series</i> , 2015, , 355-374.	0.5	0
206	Screening for contaminant hotspots in the marine environment of Kuwait using ecotoxicological and chemical screening techniques. <i>Marine Pollution Bulletin</i> , 2015, 100, 681-688.	2.3	42
207	Effects of Emerging Contaminants on Biodiversity, Community Structure, and Adaptation of River Biota. <i>Handbook of Environmental Chemistry</i> , 2015, , 79-119.	0.2	4
208	Phycoremediation of Emerging Contaminants. , 2015, , 129-146.		8
209	CdS quantum dots modified N-doped titania plates for the photocatalytic mineralization of diclofenac in water under visible light irradiation. <i>Journal of Molecular Catalysis A</i> , 2015, 399, 79-85.	4.8	27
210	Hepatic Proteome Analysis of Atlantic Salmon (<i>Salmo salar</i>) After Exposure to Environmental Concentrations of Human Pharmaceuticals. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 371-381.	2.5	14
211	Adsorption of aspirin and paracetamol from aqueous solution using Fe/N-CNT/ β -cyclodextrin nanocomposites synthesized via a benign microwave assisted method. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2619-2630.	3.3	67
212	Ecotoxicological Risk of Personal Care Products and Pharmaceuticals. , 2015, , 383-416.		8
213	Nano Photo Catalytic Degradation of the Pharmaceutical Agent Balsalazide Under UV Slurry Photo Reactor. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	7
214	A laboratory-scale column study comparing organic micropollutant removal and microbial diversity for two soil types. <i>Science of the Total Environment</i> , 2015, 536, 632-638.	3.9	24
215	Visible-light-driven photoelectrocatalytic degradation of diclofenac by N, S α €“TiO ₂ /TiO ₂ NTs photoelectrode: performance and mechanism study. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 1713-1719.	3.3	20
216	Effective liquid phase hydrodechlorination of diclofenac catalysed by Pd/CeO ₂ . <i>RSC Advances</i> , 2015, 5, 18702-18709.	1.7	22
217	The Efficacy of Ozone/BAC Treatment on Non-Steroidal Anti-Inflammatory Drug Removal from Drinking Water and Surface Water. <i>Ozone: Science and Engineering</i> , 2015, 37, 343-356.	1.4	22
218	Contamination of the southern Baltic Sea waters by the residues of selected pharmaceuticals: Method development and field studies. <i>Marine Pollution Bulletin</i> , 2015, 94, 62-71.	2.3	75
219	Photochemical fate and eco-genotoxicity assessment of the drug etodolac. <i>Science of the Total Environment</i> , 2015, 518-519, 258-265.	3.9	16
220	Ecotoxicological evaluation of propranolol hydrochloride and losartan potassium to <i>Lemna minor</i> L. (1753) individually and in binary mixtures. <i>Ecotoxicology</i> , 2015, 24, 1112-1123.	1.1	43

#	ARTICLE	IF	CITATIONS
221	Acute effects of various antibiotic combinations on acetoclastic methanogenic activity. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6230-6235.	2.7	14
222	Pharmaceuticals in groundwaters: a case study of the psychiatric hospital at Horn-Beá™kovice, Czech Republic. <i>Environmental Earth Sciences</i> , 2015, 73, 3775-3784.	1.3	12
223	Developmental exposures to waterborne abused drugs alter physiological function and larval locomotion in early life stages of medaka fish. <i>Aquatic Toxicology</i> , 2015, 165, 84-92.	1.9	48
224	Pharmaceuticals and personal care products: A critical review of the impacts on fish reproduction. <i>Critical Reviews in Toxicology</i> , 2015, 45, 469-491.	1.9	101
225	A novel two-dimensional liquid chromatographic system for the online toxicity prediction of pharmaceuticals and related substances. <i>Journal of Hazardous Materials</i> , 2015, 293, 15-20.	6.5	14
226	Bioassays Currently Available for Evaluating the Biological Potency of Pharmaceuticals in Treated Wastewater. <i>Handbook of Environmental Chemistry</i> , 2015, , 49-80.	0.2	1
227	Environmental fate of naproxen, carbamazepine and triclosan in wastewater, surface water and wastewater irrigated soil – Results of laboratory scale experiments. <i>Science of the Total Environment</i> , 2015, 538, 350-362.	3.9	72
228	TiO ₂ photocatalysis of naproxen: Effect of the water matrix, anions and diclofenac on degradation rates. <i>Chemosphere</i> , 2015, 139, 579-588.	4.2	113
229	Occurrence of non-steroidal anti-inflammatory drugs in Tehran source water, municipal and hospital wastewaters, and their ecotoxicological risk assessment. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 734.	1.3	60
230	Over-the-Counter Monocyclic Non-Steroidal Anti-Inflammatory Drugs in Environment – Sources, Risks, Biodegradation. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 355.	1.1	38
231	Permanganate oxidation of diclofenac: The pH-dependent reaction kinetics and a ring-opening mechanism. <i>Chemosphere</i> , 2015, 136, 297-304.	4.2	47
232	Short and long-term exposure to diclofenac alter oxidative stress status in common carp <i>Cyprinus carpio</i> . <i>Ecotoxicology</i> , 2015, 24, 527-539.	1.1	34
233	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, 240-250.	3.9	168
234	Is there a risk for the aquatic environment due to the existence of emerging organic contaminants in treated domestic wastewater? Greece as a case-study. <i>Journal of Hazardous Materials</i> , 2015, 283, 740-747.	6.5	143
235	Inhibitory effects of antibiotic combinations on syntrophic bacteria, homoacetogens and methanogens. <i>Chemosphere</i> , 2015, 120, 515-520.	4.2	61
236	A review on emerging contaminants in wastewaters and the environment: Current knowledge, understudied areas and recommendations for future monitoring. <i>Water Research</i> , 2015, 72, 3-27.	5.3	1,942
237	Development of a SPE –UHPLC –MS/MS methodology for the determination of non-steroidal anti-inflammatory and analgesic pharmaceuticals in seawater. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 106, 61-70.	1.4	93
238	Impact of pharmaceuticals on the environment. , 2016, , 109-152.		14

#	ARTICLE	IF	CITATIONS
239	Derivation of water quality guidelines for priority pharmaceuticals. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1815-1824.	2.2	21
240	Comparison and evaluation of pesticide monitoring programs using a process-based mixture model. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 3113-3123.	2.2	8
241	Chronic toxicity of an environmentally relevant mixture of pharmaceuticals to three aquatic organisms (alga, daphnid, and fish). <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 996-1006.	2.2	76
242	Toxicity and Degradation Study of Clofibrilic Acid by Treatment with Ozone in Water. <i>Ozone: Science and Engineering</i> , 2016, 38, 425-433.	1.4	10
243	Influence of temperature on toxicity of single pharmaceuticals and mixtures, in the crustacean <i>A. desmarestii</i> . <i>Journal of Hazardous Materials</i> , 2016, 313, 159-169.	6.5	19
244	Sonolytic and sonophotolytic degradation of Carbamazepine: Kinetic and mechanisms. <i>Ultrasonics Sonochemistry</i> , 2016, 32, 371-379.	3.8	61
245	Photocatalytic decomposition of organic micropollutants using immobilized TiO ₂ having different isoelectric points. <i>Water Research</i> , 2016, 101, 351-361.	5.3	63
246	Risk assessment of environmental mixture effects. <i>RSC Advances</i> , 2016, 6, 47844-47857.	1.7	148
247	Bioaccumulation and analytics of pharmaceutical residues in the environment: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 127, 232-255.	1.4	217
248	Occurrence and treatment efficiency of pharmaceuticals in landfill leachates. <i>Waste Management</i> , 2016, 55, 257-264.	3.7	100
249	UV photolysis of diclofenac in water; kinetics, degradation pathway and environmental aspects. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14908-14917.	2.7	42
250	Single and mixture toxicity of pharmaceuticals and chlorophenols to freshwater algae <i>Chlorella vulgaris</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 129, 189-198.	2.9	118
251	Effects of non-steroidal anti-inflammatory drugs on cyanobacteria and algae in laboratory strains and in natural algal assemblages. <i>Environmental Pollution</i> , 2016, 212, 508-518.	3.7	40
252	Photosynthetic sensitivity of phytoplankton to commonly used pharmaceuticals and its dependence on cellular phosphorus status. <i>Ecotoxicology</i> , 2016, 25, 697-707.	1.1	25
253	A comparative evaluation of environmental risk assessment strategies for pharmaceuticals and personal care products. <i>Ocean and Coastal Management</i> , 2016, 127, 74-80.	2.0	13
255	Tolfenamic acid degradation by direct photolysis and the UV-ABC/H ₂ O ₂ process: factorial design, kinetics, identification of intermediates, and toxicity evaluation. <i>Science of the Total Environment</i> , 2016, 573, 518-531.	3.9	36
256	Fabrication of platinum nano-crystallites decorated TiO ₂ nano-tube array photoelectrode and its enhanced photoelectrocatalytic performance for degradation of aspirin and mechanism. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 43, 177-184.	2.9	16
257	Presence of pharmaceuticals in the Lis river (Portugal): Sources, fate and seasonal variation. <i>Science of the Total Environment</i> , 2016, 573, 164-177.	3.9	230

#	ARTICLE	IF	CITATIONS
258	Phytotoxicity of 15 common pharmaceuticals on the germination of <i>Lactuca sativa</i> and photosynthesis of <i>Chlamydomonas reinhardtii</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 22530-22541.	2.7	43
259	Photodegradation of pharmaceutical persistent pollutants using hydroxyapatite-based materials. <i>Journal of Environmental Management</i> , 2016, 182, 486-495.	3.8	55
260	The sorption of the nonsteroidal anti-inflammatory drugs diclofenac and naproxen onto UV and/or H ₂ O ₂ treated MWCNT-COOH and MWCNT-OH. <i>RSC Advances</i> , 2016, 6, 110383-110392.	1.7	9
261	Optimization of the Ion Source-Mass Spectrometry Parameters in Non-Steroidal Anti-Inflammatory and Analgesic Pharmaceuticals Analysis by a Design of Experiments Approach. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1703-1714.	1.2	4
262	Diclofenac and its transformation products: Environmental occurrence and toxicity - A review. <i>Environment International</i> , 2016, 96, 127-138.	4.8	415
263	Relative influence of chemical and non-chemical stressors on invertebrate communities: a case study in the Danube River. <i>Science of the Total Environment</i> , 2016, 571, 1370-1382.	3.9	53
264	Occurrence and preliminary environmental risk assessment of selected pharmaceuticals in the urban rivers, China. <i>Scientific Reports</i> , 2016, 6, 34928.	1.6	42
265	Effects of selected pharmaceuticals (ibuprofen and amoxicillin) on the demography of <i>Brachionus calyciflorus</i> and <i>Brachionus havanaensis</i> (Rotifera). <i>Egyptian Journal of Aquatic Research</i> , 2016, 42, 341-347.	1.0	23
266	Impact of anti-inflammatories, beta-blockers and antibiotics on leaf litter breakdown in freshwaters. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3956-3962.	2.7	10
267	Acute toxicity and histopathological effects of naproxen in zebrafish (<i>Danio rerio</i>) early life stages. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18832-18841.	2.7	66
268	Ibuprofen removal from aqueous solution by in situ electrochemically generated ferrate(VI): proof-of-principle. <i>Water Science and Technology</i> , 2016, 73, 389-395.	1.2	7
269	Effect of H ₂ O ₂ on UV Photo-Oxidation of Pharmaceuticals and Personal Care Products in Wastewater. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	0.7	4
270	Solar photolysis versus TiO ₂ -mediated solar photocatalysis: a kinetic study of the degradation of naproxen and diclofenac in various water matrices. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17437-17448.	2.7	34
271	Multiresidue trace analysis of pharmaceuticals, their human metabolites and transformation products by fully automated on-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2016, 158, 330-341.	2.9	43
272	In Silico Models for Ecotoxicity of Pharmaceuticals. <i>Methods in Molecular Biology</i> , 2016, 1425, 237-304.	0.4	15
273	Diclofenac in municipal wastewater treatment plant: quantification using laser diode thermal desorption-atmospheric pressure chemical ionization-tandem mass spectrometry approach in comparison with an established liquid chromatography-electrospray ionization-tandem mass spectrometry method. <i>Journal of Chromatography A</i> , 2016, 1433, 106-113.	1.8	46
274	Photocatalytic degradation kinetics, mechanism and ecotoxicity assessment of tramadol metabolites in aqueous TiO ₂ suspensions. <i>Science of the Total Environment</i> , 2016, 545-546, 476-485.	3.9	19
275	A novel disposable electrochemical sensor for determination of carbamazepine based on Fe doped SnO ₂ nanoparticles modified screen-printed carbon electrode. <i>Materials Science and Engineering C</i> , 2016, 62, 53-60.	3.8	45

#	ARTICLE	IF	CITATIONS
276	Toxic Effects of Emerging Pollutants in Juveniles of the Freshwater Gastropod <i>Physa acuta</i> (Draparnaud, 1805). <i>American Malacological Bulletin</i> , 2016, 33, 337-342.	0.2	1
277	Metabolomics reveals the physiological response of <i>Pseudomonas putida</i> KT2440 (UWC1) after pharmaceutical exposure. <i>Molecular BioSystems</i> , 2016, 12, 1367-1377.	2.9	5
278	Application of graphene oxide nanoplatelets for adsorption of Ibuprofen from aqueous solutions: Evaluation of process kinetics and thermodynamics. <i>Chemical Engineering Research and Design</i> , 2016, 101, 45-53.	2.7	98
279	Nutrients versus emerging contaminants—Or a dynamic match between subsidy and stress effects on stream biofilms. <i>Environmental Pollution</i> , 2016, 212, 208-215.	3.7	41
280	Aerobic degradation of ibuprofen in batch and continuous reactors by an indigenous bacterial community. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2617-2626.	1.2	23
281	UV/H ₂ O ₂ degradation of the antidepressants venlafaxine and O-desmethylenlafaxine: Elucidation of their transformation pathway and environmental fate. <i>Journal of Hazardous Materials</i> , 2016, 311, 70-80.	6.5	46
282	Dose-response behavior of the bacterium <i>Vibrio fischeri</i> exposed to pharmaceuticals and personal care products. <i>Ecotoxicology</i> , 2016, 25, 141-162.	1.1	34
283	Root Uptake of Pharmaceuticals and Personal Care Product Ingredients. <i>Environmental Science & Technology</i> , 2016, 50, 525-541.	4.6	352
284	UV and solar photo-degradation of naproxen: TiO ₂ catalyst effect, reaction kinetics, products identification and toxicity assessment. <i>Journal of Hazardous Materials</i> , 2016, 304, 329-336.	6.5	88
285	Enhanced photocatalytic activity of supported CuO-ZnO semiconductors towards the photodegradation of mefenamic acid aqueous solution as a semi real sample. <i>Journal of Molecular Catalysis A</i> , 2016, 411, 222-229.	4.8	86
286	Degradation of ibuprofen by a synergistic UV/Fe(III)/Oxone process. <i>Chemical Engineering Journal</i> , 2016, 283, 65-75.	6.6	85
287	Acute and chronic ecotoxicological effects of four pharmaceuticals drugs on cladoceran <i>Daphnia magna</i> . <i>Drug and Chemical Toxicology</i> , 2016, 39, 13-21.	1.2	70
288	Pharmaceuticals and personal care products in the leachates from a typical landfill reservoir of municipal solid waste in Shanghai, China: Occurrence and removal by a full-scale membrane bioreactor. <i>Journal of Hazardous Materials</i> , 2017, 323, 99-108.	6.5	109
289	Extending surfactant-modified 2:1 clay minerals for the uptake and removal of diclofenac from water. <i>Journal of Hazardous Materials</i> , 2017, 323, 567-574.	6.5	56
290	Cytochrome genotoxicity and oxidative stress in common carp (<i>Cyprinus carpio</i>) exposed to a mixture of ibuprofen and diclofenac. <i>Environmental Toxicology</i> , 2017, 32, 1637-1650.	2.1	51
291	Synthesis, characterization and performance of visible light active C-TiO ₂ for pharmaceutical photodegradation. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 757-767.	3.3	41
292	Mixture toxicity of six sulfonamides and their two transformation products to green algae <i>Scenedesmus vacuolatus</i> and duckweed <i>Lemna minor</i> . <i>Chemosphere</i> , 2017, 173, 542-550.	4.2	43
293	Remediation of a mixture of analgesics in a stirred-tank photobioreactor using microalgal-bacterial consortium coupled with attempt to valorise the harvested biomass. <i>Bioresource Technology</i> , 2017, 232, 364-371.	4.8	38

#	ARTICLE	IF	CITATIONS
294	Fabrication of novel visible-light-driven AgI/g-C ₃ N ₄ composites with enhanced visible-light photocatalytic activity for diclofenac degradation. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 167-176.	5.0	96
295	<i>Gammarus fossarum</i> as a sensitive tool to reveal residual toxicity of treated wastewater effluents. <i>Science of the Total Environment</i> , 2017, 584-585, 1012-1021.	3.9	19
296	Ecotoxicity of veterinary enrofloxacin and ciprofloxacin antibiotics on anuran amphibian larvae. <i>Environmental Toxicology and Pharmacology</i> , 2017, 51, 114-123.	2.0	76
297	Metabolic and Co-Metabolic Transformation of Diclofenac by <i>Enterobacter hormaechei</i> D15 Isolated from Activated Sludge. <i>Current Microbiology</i> , 2017, 74, 381-388.	1.0	42
298	Enhanced electrochemical degradation of ibuprofen in aqueous solution by PtRu alloy catalyst. <i>Chemosphere</i> , 2017, 175, 76-84.	4.2	25
299	Assessing the impact of diclofenac, ibuprofen and sildenafil citrate (Viagra®) on the fertilisation biology of broadcast spawning marine invertebrates. <i>Marine Environmental Research</i> , 2017, 127, 126-136.	1.1	42
300	Toxicological interactions of ibuprofen and triclosan on biological activity of activated sludge. <i>Journal of Hazardous Materials</i> , 2017, 334, 193-200.	6.5	36
301	Direct Conjugation of Emerging Contaminants in <i>Arabidopsis</i> : Indication for an Overlooked Risk in Plants?. <i>Environmental Science & Technology</i> , 2017, 51, 6071-6081.	4.6	58
302	Pesticides from wastewater treatment plant effluents affect invertebrate communities. <i>Science of the Total Environment</i> , 2017, 599-600, 387-399.	3.9	131
303	Potential of vegetated ditches to manage organic pollutants derived from agricultural runoff and domestic sewage: A case study in Sinaloa (Mexico). <i>Science of the Total Environment</i> , 2017, 598, 1106-1115.	3.9	65
304	Surgical suture braided with a diclofenac-loaded strand of poly(lactic-co-glycolic acid) for local, sustained pain mitigation. <i>Materials Science and Engineering C</i> , 2017, 79, 209-215.	3.8	31
305	Transcriptome analysis of the brain of the sea bream (<i>Sparus aurata</i>) after exposure to human pharmaceuticals at realistic environmental concentrations. <i>Marine Environmental Research</i> , 2017, 129, 36-45.	1.1	15
306	A critical review of the occurrence, detection, and treatment of δ^9 -tetrahydrocannabinol in aquatic environments. <i>Environmental Reviews</i> , 2017, 25, 255-268.	2.1	9
307	Salicylic acid determination in estuarine and riverine waters using hollow fiber liquid-phase microextraction and capillary zone electrophoresis. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15748-15755.	2.7	13
308	Graphene oxide doped polysulfone membrane adsorbents for the removal of organic contaminants from water. <i>Chemical Engineering Journal</i> , 2017, 326, 130-140.	6.6	97
309	Evaluation of the influence of surfactants in the bioaccumulation kinetics of sulfamethoxazole and oxazepam in benthic invertebrates. <i>Science of the Total Environment</i> , 2017, 592, 554-564.	3.9	25
310	Toxicity and biodegradation of ibuprofen by <i>Bacillus thuringiensis</i> B1(2015b). <i>Environmental Science and Pollution Research</i> , 2017, 24, 7572-7584.	2.7	51
311	A biological, chemical and pharmaceutical analysis of distillate quality from solar stills. <i>Energy Procedia</i> , 2017, 119, 723-732.	1.8	16

#	ARTICLE	IF	CITATIONS
312	Global scanning assessment of calcium channel blockers in the environment: Review and analysis of occurrence, ecotoxicology and hazards in aquatic systems. <i>Chemosphere</i> , 2017, 189, 466-478.	4.2	47
313	What do we know about the ecotoxicology of pharmaceutical and personal care product mixtures? A critical review. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 1453-1496.	6.6	55
314	Electrochemical aptasensors for contaminants detection in food and environment: Recent advances. <i>Bioelectrochemistry</i> , 2017, 118, 47-61.	2.4	129
315	The potential ecotoxicological impact of pharmaceutical and personal care products on humans and freshwater, based on USEtoxâ€™s characterization factors. A Spanish case study of toxicity impact scores. <i>Science of the Total Environment</i> , 2017, 609, 429-445.	3.9	42
316	Drug residues in urban water: A database for ecotoxicological risk management. <i>Science of the Total Environment</i> , 2017, 609, 927-941.	3.9	26
317	Adsorption of sulfamethoxazole (SMZ) and ciprofloxacin (CIP) by humic acid (HA): characteristics and mechanism. <i>RSC Advances</i> , 2017, 7, 50449-50458.	1.7	66
318	Widespread, routine occurrence of pharmaceuticals in sewage effluent, combined sewer overflows and receiving waters. <i>Environmental Pollution</i> , 2017, 220, 1447-1455.	3.7	95
319	Do pharmaceuticals reach and affect the aquatic ecosystems in Brazil? A critical review of current studies in a developing country. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1200-1218.	2.7	71
320	Degradation of pharmaceutical diclofenac and ibuprofen in aqueous solution, a direct comparison of ozonation, photocatalysis, and non-thermal plasma. <i>Chemical Engineering Journal</i> , 2017, 313, 1033-1041.	6.6	209
321	Mechanisms of removal of three widespread pharmaceuticals by two clay materials. <i>Journal of Hazardous Materials</i> , 2017, 323, 575-583.	6.5	66
322	Synergistic effects of ultrasounds in the sonoelectrochemical oxidation of pharmaceutical carbamazepine pollutant. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 380-388.	3.8	39
323	Toxicity of individual pharmaceuticals and their mixtures to <i>Aliivibrio fischeri</i> : Experimental results for single compounds and considerations of their mechanisms of action and potential acute effects on aquatic organisms. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 807-814.	2.2	32
324	Submerged membrane filtration adsorption hybrid system for the removal of organic micropollutants from a water reclamation plant reverse osmosis concentrate. <i>Desalination</i> , 2017, 401, 134-141.	4.0	78
325	Large-scale image-based screening and profiling of cellular phenotypes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 115-125.	1.1	55
326	Toxicity of individual pharmaceuticals and their mixtures to <i>Aliivibrio fischeri</i> : Evidence of toxicological interactions in binary combinations. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 815-822.	2.2	21
327	Disquisition on the interaction of ibuprofenâ€™Zn(II) complex with calf thymus DNA by spectroscopic techniques and the use of Hoechst 33258 and Methylene blue dyes as spectral probes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2018, 37, 125-146.	0.4	12
328	Occurrence, source, and ecological risk of antibiotics in Dongting Lake, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11063-11073.	2.7	53
329	Toxicity assessment of pharmaceutical compounds on mixed culture from activated sludge using respirometric technique: The role of microbial community structure. <i>Science of the Total Environment</i> , 2018, 630, 809-819.	3.9	70

#	ARTICLE	IF	CITATIONS
330	Ultrasensitive detection of diclofenac based on electrochemiluminescent immunosensor with multiple signal amplification strategy of palladium attached graphene oxide as bioprobes and ceria doped zinc oxide as substrates. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 411-420.	4.0	21
331	Life cycle environmental impacts of advanced wastewater treatment techniques for removal of pharmaceuticals and personal care products (PPCPs). <i>Journal of Environmental Management</i> , 2018, 215, 258-272.	3.8	113
332	Non-steroidal anti-inflammatory drugs initiate morphological changes but inhibit carotenoid accumulation in <i>Haematococcus pluvialis</i> . <i>Algal Research</i> , 2018, 31, 1-13.	2.4	10
333	Joint effects of nine antidepressants on <i>Raphidocelis subcapitata</i> and <i>Skeletonema marinoi</i> : A matter of amine functional groups. <i>Aquatic Toxicology</i> , 2018, 196, 117-123.	1.9	27
334	Antibiotics in the aquatic environments: A review of lakes, China. <i>Science of the Total Environment</i> , 2018, 627, 1195-1208.	3.9	440
335	A tiered approach to assess effects of diclofenac on the brown mussel <i>Perna perna</i> : A contribution to characterize the hazard. <i>Water Research</i> , 2018, 132, 361-370.	5.3	59
336	A novel three-dimensional electro-Fenton system and its application for degradation of anti-inflammatory pharmaceuticals: Modeling and degradation pathways. <i>Chemical Engineering Research and Design</i> , 2018, 117, 200-213.	2.7	35
337	Pharmaceuticals in processing of municipal sewage sludge studied by grab and passive sampling. <i>Water Quality Research Journal of Canada</i> , 2018, 53, 14-23.	1.2	9
338	Acute and Chronic Effects of Three Pharmaceutical Drugs on the Tropical Freshwater Cladoceran <i>Ceriodaphnia silvestrii</i> . <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	21
339	An ultrasensitive electrochemiluminescent immunosensor based on graphene oxide coupled graphite-like carbon nitride and multiwalled carbon nanotubes-gold for the detection of diclofenac. <i>Biosensors and Bioelectronics</i> , 2018, 101, 260-267.	5.3	62
340	Synthesis of silver phosphate/graphene oxide composite and its enhanced visible light photocatalytic mechanism and degradation pathways of tetrabromobisphenol A. <i>Journal of Hazardous Materials</i> , 2018, 342, 353-363.	6.5	67
341	Tissue distribution, bioaccumulation characteristics and health risk of antibiotics in cultured fish from a typical aquaculture area. <i>Journal of Hazardous Materials</i> , 2018, 343, 140-148.	6.5	160
342	Removal of hazardous non-steroidal anti-inflammatory drugs from aqueous solutions by biosorbent based on chitin and lignin. <i>Science of the Total Environment</i> , 2018, 612, 1223-1233.	3.9	43
343	Derivation of aquatic predicted no-effect concentration (PNEC) for ibuprofen and sulfamethoxazole based on various toxicity endpoints and the associated risks. <i>Chemosphere</i> , 2018, 193, 223-229.	4.2	33
344	The effects of human drugs in <i>Corbicula fluminea</i> . Assessment of neurotoxicity, inflammation, gametogenic activity, and energy status. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 652-663.	2.9	44
345	Residues and health risk assessment of typical antibiotics in aquatic products from the Dongting Lake, China—“Did you eat ‘Antibiotics’ today?”. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3913-3921.	2.7	32
346	UPLC-MS/MS analysis of antibiotics in pharmaceutical effluent in Tunisia: ecotoxicological impact and multi-resistant bacteria dissemination. <i>Archives of Microbiology</i> , 2018, 200, 553-565.	1.0	22
347	Impacts of wastewater treatment plant effluent on energetics and stress response of rainbow darter (<i>Etheostoma caeruleum</i>) in the Grand River watershed. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 224, 270-279.	0.7	34

#	ARTICLE	IF	CITATIONS
348	Ce@TiO ₂ nanocomposites: An efficient, stable and affordable photocatalyst for the photodegradation of diclofenac sodium. <i>Journal of Alloys and Compounds</i> , 2018, 735, 728-734.	2.8	51
349	Immobilized microalgae for nutrient recovery from source-separated human urine. <i>Journal of Applied Phycology</i> , 2018, 30, 421-429.	1.5	20
350	Illicit drug ketamine induces adverse effects from behavioral alterations and oxidative stress to p53-regulated apoptosis in medaka fish under environmentally relevant exposures. <i>Environmental Pollution</i> , 2018, 237, 1062-1071.	3.7	22
351	Ecotoxicological properties of ketoprofen and the S(+)-enantiomer (dexketoprofen): Bioassays in freshwater model species and biomarkers in fish PLHC1 cell line. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 201-212.	2.2	22
353	In vitro toxicological activity of particulate matter generated by coal combustion. <i>Environmental Toxicology and Pharmacology</i> , 2018, 64, 187-195.	2.0	5
354	Pharmaceuticals in the Environment: Focus on Drinking-Water. , 2018, , 325-325.		5
356	Comparative study of the toxicity between three non-steroidal anti-inflammatory drugs and their UV/Na ₂ S ₂ O ₈ degradation products on <i>Cyprinus carpio</i> . <i>Scientific Reports</i> , 2018, 8, 13512.	1.6	17
357	Photocatalytic mineralization and degradation kinetics of sulphamethoxazole and reactive red 194 over silver-zirconium co-doped titanium dioxide: Reaction mechanisms and phytotoxicity assessment. <i>Ecotoxicology and Environmental Safety</i> , 2018, 159, 301-309.	2.9	22
358	Removal of acidic pharmaceuticals by small-scale constructed wetlands using different design configurations. <i>Science of the Total Environment</i> , 2018, 639, 640-647.	3.9	64
359	Pharmaceuticals in the aquatic environments: Evidence of emerged threat and future challenges for marine organisms. <i>Marine Environmental Research</i> , 2018, 140, 41-60.	1.1	218
360	Ecotoxicological monitoring of wastewater. , 2018, , 369-386.		6
361	Phytotoxic activity of diclofenac: Evaluation using a model green alga <i>Chlamydomonas reinhardtii</i> with atrazine as a reference substance. <i>Chemosphere</i> , 2018, 209, 989-997.	4.2	32
362	Ibuprofen removal from a medicinal effluent: A review on the various techniques for medicinal effluents treatment. <i>Environmental Technology and Innovation</i> , 2018, 11, 308-320.	3.0	42
363	Impact of Pharmaceuticals on the Environment: Risk Assessment Using QSAR Modeling Approach. <i>Methods in Molecular Biology</i> , 2018, 1800, 395-443.	0.4	32
364	A 3D Stable Metal-Organic Framework for Highly Efficient Adsorption and Removal of Drug Contaminants from Water. <i>Polymers</i> , 2018, 10, 209.	2.0	48
365	Toxicity of Diclofenac: Cadmium Binary Mixtures to Algae <i>Desmodesmus subspicatus</i> Using Normalization Method. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 205-213.	1.3	15
366	Sublethal metabolic responses to contaminant mixture toxicity in <i>Daphnia magna</i> . <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2448-2457.	2.2	10
367	Application of moving bed biofilm reactor in the removal of pharmaceutical compounds (diclofenac) Tj ETQq1 1 0.784314 rgBT /Overlo 3.3 38		

#	ARTICLE	IF	CITATIONS
368	Chronic toxicity and endocrine disruption of naproxen in freshwater waterfleas and fish, and steroidogenic alteration using H295R cell assay. <i>Chemosphere</i> , 2018, 204, 156-162.	4.2	61
369	Ozone treatment process for the removal of pharmaceuticals and personal care products in wastewater. <i>Ozone: Science and Engineering</i> , 2019, 41, 3-16.	1.4	61
370	Degradation of three nonsteroidal anti-inflammatory drugs by UV/persulfate: Degradation mechanisms, efficiency in effluents disposal. <i>Chemical Engineering Journal</i> , 2019, 356, 1032-1041.	6.6	65
371	Risk assessment of pharmaceutically active compounds (PhACs) in the Klang River estuary, Malaysia. <i>Environmental Geochemistry and Health</i> , 2019, 41, 211-223.	1.8	33
372	Naproxen and Its Phototransformation Products: Persistence and Ecotoxicity to Toad Tadpoles (<i>Anaxyrus terrestris</i>), Individually and in Mixtures. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2008-2019.	2.2	19
373	Evaluating the enantiospecific differences of non-steroidal anti-inflammatory drugs (NSAIDs) using an ecotoxicity bioassay test battery. <i>Science of the Total Environment</i> , 2019, 694, 133659.	3.9	19
374	Amperometric detection of diclofenac at a nano-structured multi-wall carbon nanotubes sensing films. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107454.	1.8	15
375	Removal of the antibiotic sulfamethoxazole from environmental water by mesoporous silica-magnetic graphene oxide nanocomposite technology: Adsorption characteristics, coadsorption and uptake mechanism. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 580, 123716.	2.3	60
376	Photocatalytic activity of ZnO-WO ₃ for diclofenac degradation under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 383, 111993.	2.0	42
377	Polymerization and formation of insoluble byproducts of diclofenac using <i>Trametes versicolor</i> laccases – Experimental study and modelling. <i>Journal of Water Process Engineering</i> , 2019, 32, 100948.	2.6	3
378	Mytilidae as model organisms in the marine ecotoxicology of pharmaceuticals - A review. <i>Environmental Pollution</i> , 2019, 254, 113082.	3.7	33
379	Hydroxyl radical-mediated degradation of salicylic acid and methyl paraben: an experimental and computational approach to assess the reaction mechanisms. <i>Environmental Science and Pollution Research</i> , 2019, 26, 33125-33134.	2.7	10
380	Effects of microplastic particles and leaching additive on the life history and morphology of <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2019, 255, 113233.	3.7	138
381	Development of novel Nd ₂ WO ₆ /ZnO incorporated on GO nanocomposite for the photocatalytic degradation of organic pollutants and biological studies. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18557-18574.	1.1	17
382	Identification of effective parameters for anti-inflammatory concentration in Valência City's wastewater using fuzzy-set qualitative comparative analysis. <i>Science of the Total Environment</i> , 2019, 663, 110-124.	3.9	4
383	Effect of PHRs and PCPs on Microalgal Growth, Metabolism and Microalgae-Based Bioremediation Processes: A Review. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2492.	1.8	52
385	Metabolic activity and pathway study of aspirin biodegradation using a microbial electrochemical system supplied by an alternating current. <i>Chemosphere</i> , 2019, 232, 35-44.	4.2	17
386	Efficiency and mechanism of diclofenac degradation by sulfite/UV advanced reduction processes (ARPs). <i>Science of the Total Environment</i> , 2019, 688, 65-74.	3.9	62

#	ARTICLE	IF	CITATIONS
387	Bioremoval of non-steroidal anti-inflammatory drugs by <i>Pseudoxanthomonas</i> sp. DIN-3 isolated from biological activated carbon process. <i>Water Research</i> , 2019, 161, 459-472.	5.3	62
388	Biotoxicity of diclofenac on two larval amphibians: Assessment of development, growth, cardiac function and rhythm, behavior and antioxidant system. <i>Science of the Total Environment</i> , 2019, 683, 624-637.	3.9	39
389	Effects of mixtures of anticancer drugs in the benthic polychaete <i>Nereis diversicolor</i> . <i>Environmental Pollution</i> , 2019, 252, 1180-1192.	3.7	16
390	Distribution and ecological risk of pharmaceuticals in surface water of the Yeongsan river, Republic of Korea. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 180-186.	2.9	39
391	Effects of commonly used therapeutic drugs, paracetamol, and acetylsalicylic acid, on key physiological traits of the sea snail <i>Gibbula umbilicalis</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 21858-21870.	2.7	22
392	Pharmaceuticals Present in Urban and Hospital Wastewaters in Mexico City. <i>Journal of Water Chemistry and Technology</i> , 2019, 41, 105-112.	0.2	10
393	Ibuprofen and caffeine removal in vertical flow and free-floating macrophyte constructed wetlands with <i>Heliconia rostrata</i> and <i>Eichornia crassipes</i> . <i>Chemical Engineering Journal</i> , 2019, 373, 458-467.	6.6	76
394	Consumption of pharmaceuticals by dairy cows via watering through: Uncontrolled intake. <i>Agriculture, Ecosystems and Environment</i> , 2019, 280, 95-101.	2.5	5
395	Toxicity of three emerging contaminants to non-target marine organisms. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18354-18364.	2.7	26
396	Individual and mixture toxicity evaluation of three pharmaceuticals to the germination and growth of <i>Lactuca sativa</i> seeds. <i>Science of the Total Environment</i> , 2019, 673, 102-109.	3.9	48
397	Uptake and accumulation of pharmaceuticals and personal care products in leafy vegetables. , 2019, , 87-113.		9
398	Toxicity of 10 organic micropollutants and their mixture: Implications for aquatic risk assessment. <i>Science of the Total Environment</i> , 2019, 666, 1273-1282.	3.9	99
399	Effects of antimicrobial exposure on detrital biofilm metabolism in urban and rural stream environments. <i>Science of the Total Environment</i> , 2019, 666, 1151-1160.	3.9	8
400	Controlled and tuneable drug release from electrospun fibers and a non-invasive approach for cytotoxicity testing. <i>Scientific Reports</i> , 2019, 9, 3446.	1.6	15
401	Pharmaceuticals of Emerging Concern in Aquatic Systems: Chemistry, Occurrence, Effects, and Removal Methods. <i>Chemical Reviews</i> , 2019, 119, 3510-3673.	23.0	1,427
402	Degradation of Ibuprofen by UV-LED/catalytic advanced oxidation process. <i>Journal of Water Process Engineering</i> , 2019, 31, 100808.	2.6	50
403	Bioaccumulation, metabolism, and risk assessment of phenolic endocrine disrupting chemicals in specific tissues of wild fish. <i>Chemosphere</i> , 2019, 226, 607-615.	4.2	75
404	Investigation of medicines consumption and disposal in Brazil: A study case in a developing country. <i>Science of the Total Environment</i> , 2019, 671, 505-509.	3.9	36

#	ARTICLE	IF	CITATIONS
405	Evaluation of hydrochar efficiency for simultaneous removal of diclofenac and ibuprofen from aqueous system using surface response methodology. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9796-9804.	2.7	12
406	Behavioral profile alterations in zebrafish larvae exposed to environmentally relevant concentrations of eight priority pharmaceuticals. <i>Science of the Total Environment</i> , 2019, 664, 89-98.	3.9	40
407	Impact of Hydrogen Peroxide on the UVC Photolysis of Diclofenac and Toxicity of the Phototransformation Products. <i>International Journal of Photoenergy</i> , 2019, 2019, 1-11.	1.4	10
408	Electrolytic regeneration of granular activated carbon saturated with diclofenac using BDD anodes. <i>Diamond and Related Materials</i> , 2019, 93, 193-199.	1.8	19
409	Development of predicted environmental concentrations to prioritize the occurrence of pharmaceuticals in rivers from Catalonia. <i>Science of the Total Environment</i> , 2019, 666, 57-67.	3.9	34
410	Monitoring the release of anti-inflammatory and analgesic pharmaceuticals in the receiving environment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36887-36902.	2.7	34
411	Occurrence of selected pharmaceuticals in industrial wastewater, receiving waters and fish. <i>African Journal of Aquatic Science</i> , 2019, 44, 401-408.	0.5	15
412	Removal of water-soluble dyes and pharmaceutical wastes by combining the photocatalytic properties of Ag ₃ PO ₄ with the adsorption properties of halloysite nanotubes. <i>Materials Today Advances</i> , 2019, 4, 100025.	2.5	25
413	Ecotoxicity in <i>Aliivibrio fischeri</i> of Ibuprofen, Omeprazole and their Mixtures. <i>Chemistry and Ecology</i> , 2019, 35, 102-114.	0.6	12
414	Sub-lethal effects induced by a mixture of different pharmaceutical drugs in predicted environmentally relevant concentrations on <i>Lithobates catesbeianus</i> (Shaw, 1802) (<i>Anura, ranidae</i>) tadpoles. <i>Environmental Science and Pollution Research</i> , 2019, 26, 600-616.	2.7	24
415	Ecotoxicological Modeling, Ranking and Prioritization of Pharmaceuticals Using QSTR and iQSTR Approaches: Application of 2D and Fragment Based Descriptors. <i>Molecular Informatics</i> , 2019, 38, e1800078.	1.4	24
416	Design of Gd ₂ O ₃ nanorods: a challenging photocatalyst for the degradation of neurotoxicity chloramphenicol drug. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 3744-3752.	1.1	20
417	Insights into the synergetic mechanism of a combined vis-RGO/TiO ₂ /peroxodisulfate system for the degradation of PPCPs: Kinetics, environmental factors and products. <i>Chemosphere</i> , 2019, 216, 341-351.	4.2	49
418	Statistical optimization of preparing marine macroalgae derived activated carbon/iron oxide magnetic composites for sequestering acetylsalicylic acid from aqueous media using response surface methodologies. <i>Chemosphere</i> , 2019, 215, 432-443.	4.2	29
419	An affordable photocatalyst for pharmaceuticals and superior electrocatalyst for methanol oxidation – A dual role by CuWO ₄ anchored bentonite clay. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 563, 148-159.	2.3	23
420	Synthesis, characterization and DNA binding studies of a new ibuprofen-platinum(II) complex. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 1119-1129.	2.0	11
421	Effects of common pharmaceutical drugs (paracetamol and acetylsalicylic acid) short term exposure on biomarkers of the mussel <i>Mytilus</i> spp. <i>Environmental Toxicology and Pharmacology</i> , 2020, 73, 103276.	2.0	32
422	Enhanced activation of persulfate by AC@CoFe ₂ O ₄ nanocomposites for effective removal of lomefloxacin. <i>Separation and Purification Technology</i> , 2020, 233, 115978.	3.9	73

#	ARTICLE	IF	CITATIONS
423	Naproxen in the environment: its occurrence, toxicity to nontarget organisms and biodegradation. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1849-1857.	1.7	88
424	Hydrogel Matrix-Grafted Impedimetric Aptasensors for the Detection of Diclofenac. <i>Langmuir</i> , 2020, 36, 827-836.	1.6	17
425	Ecotoxicological assessment of pharmaceuticals and personal care products using predictive toxicology approaches. <i>Green Chemistry</i> , 2020, 22, 1458-1516.	4.6	86
426	The effect of peroxymonosulfate in WS2 nanosheets for the removal of diclofenac: Information exposure and degradation pathway. <i>Chemosphere</i> , 2020, 245, 125678.	4.2	44
427	Photosynthetic toxicity of non-steroidal anti-inflammatory drugs (NSAIDs) on green algae <i>Scenedesmus obliquus</i> . <i>Science of the Total Environment</i> , 2020, 707, 136176.	3.9	59
428	Environmental and human health risk assessment of antibiotic residues in drinking water sources: case study of a fast-developing megacity in southern China. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 499-507.	1.0	2
429	Effect of the surface properties of Me ₂ +/Al layered double hydroxides synthesized from aluminum saline slag wastes on the adsorption removal of drugs. <i>Microporous and Mesoporous Materials</i> , 2020, 309, 110560.	2.2	29
430	Occurrence and Spatiotemporal Dynamics of Pharmaceuticals in a Temperate-Region Wastewater Effluent-Dominated Stream: Variable Inputs and Differential Attenuation Yield Evolving Complex Exposure Mixtures. <i>Environmental Science & Technology</i> , 2020, 54, 12967-12978.	4.6	39
431	Kidney developmental effects of metal-herbicide mixtures: Implications for chronic kidney disease of unknown etiology. <i>Environment International</i> , 2020, 144, 106019.	4.8	42
432	Comfortably numb: Ecotoxicity of the non-steroidal anti-inflammatory drug ibuprofen on <i>Phaeodactylum tricornutum</i> . <i>Marine Environmental Research</i> , 2020, 161, 105109.	1.1	17
433	Morphological deformation of <i>Daphnia magna</i> embryos caused by prolonged exposure to ibuprofen.. <i>Environmental Pollution</i> , 2020, 261, 114135.	3.7	22
434	Anti-inflammatory drugs in the Vistula River following the failure of the Warsaw sewage collection system in 2019. <i>Science of the Total Environment</i> , 2020, 745, 140848.	3.9	12
435	Intergenerational effects of resuspended sediment and trace metal mixtures on life cycle traits of a pelagic copepod. <i>Environmental Pollution</i> , 2020, 267, 115460.	3.7	17
436	Occurrence and ecological risks of pharmaceuticals in a Mediterranean river in Eastern Spain. <i>Environment International</i> , 2020, 144, 106004.	4.8	74
437	Ecotoxicological effects of micropollutant-loaded powdered activated carbon emitted from wastewater treatment plants on <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2020, 746, 141104.	3.9	10
438	Acute and chronic exposure of the holometabolous life cycle of <i>Aedes aegypti</i> L. to emerging contaminants naproxen and propylparaben. <i>Environmental Pollution</i> , 2020, 266, 115275.	3.7	10
439	Removal of emerging contaminants from water by zeolite-rich composites: A first approach aiming at diclofenac and ketoprofen. <i>Microporous and Mesoporous Materials</i> , 2020, 298, 110057.	2.2	52
440	Assessing pharmaceutical contamination along the Mediterranean and Red Sea coasts of Israel: Ascidiaceae (Chordata, Ascidiacea) as bioindicators. <i>Marine Pollution Bulletin</i> , 2020, 160, 111510.	2.3	21

#	ARTICLE	IF	CITATIONS
441	Ecological Risk Dynamics of Pharmaceuticals in Micro-Estuary Environments. <i>Environmental Science & Technology</i> , 2020, 54, 11182-11190.	4.6	30
442	Sorption of pharmaceuticals and personal care products (PPCPs) onto a sustainable cotton based adsorbent. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 18, 100324.	1.6	16
443	Ibuprofen and Diclofenac: Effects on Freshwater and Marine Aquatic Organisms – Are They at Risk?. <i>Handbook of Environmental Chemistry</i> , 2020, , 161-189.	0.2	2
444	Estimating the synergistic and antagonistic effects of dual antibiotics on plants through root elongation test. <i>Ecotoxicology</i> , 2021, 30, 1598-1609.	1.1	10
445	Enhanced Removal and Toxicity Decline of Diclofenac by Combining UVA Treatment and Adsorption of Photoproducts to Polyvinylidene Difluoride. <i>Polymers</i> , 2020, 12, 2340.	2.0	16
446	Determination of the Bioaccumulative Potential Risk of Emerging Contaminants in Fish Muscle as an Environmental Quality Indicator in Coastal Lagoons of the Central Mexican Pacific. <i>Water (Switzerland)</i> , 2020, 12, 2721.	1.2	9
447	Effect of concentration in the equilibrium and kinetics of adsorption of acetylsalicylic acid on ZnAl layered double hydroxide. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103991.	3.3	17
448	Toxicity Assessment of Acetylsalicylic Acid to a Freshwater Fish <i>Cyprinus carpio</i> : Haematological, Biochemical, Enzymological and Antioxidant Responses. <i>Handbook of Environmental Chemistry</i> , 2020, , 191-215.	0.2	4
449	Supported Ionic Liquids for the Efficient Removal of Acetylsalicylic Acid from Aqueous Solutions. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2380-2389.	1.0	8
450	Biological Removal and Fate Assessment of Diclofenac Using <i>Bacillus subtilis</i> and <i>Brevibacillus laterosporus</i> Strains and Ecotoxicological Effects of Diclofenac and 4-Hydroxy-diclofenac. <i>Journal of Chemistry</i> , 2020, 2020, 1-12.	0.9	20
451	Spatiotemporal distributions and ecological risk assessment of pharmaceuticals and personal care products in groundwater in North China. <i>Hydrology Research</i> , 2020, 51, 911-924.	1.1	8
452	Introduction to wastewater microbiology: special emphasis on hospital wastewater. , 2020, , 1-41.		3
453	Toxicity of the Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) acetylsalicylic acid, paracetamol, diclofenac, ibuprofen and naproxen towards freshwater invertebrates: A review. <i>Science of the Total Environment</i> , 2020, 740, 140043.	3.9	162
454	Pharmaceutical compounds in tributaries of the Han River watershed, South Korea. <i>Environmental Research</i> , 2020, 188, 109758.	3.7	13
455	Ozonation of diclofenac in the aqueous solution: Mechanism, kinetics and ecotoxicity assessment. <i>Environmental Research</i> , 2020, 188, 109713.	3.7	19
456	Evaluation of ketoprofen toxicity in two freshwater species: Effects on biochemical, physiological and population endpoints. <i>Environmental Pollution</i> , 2020, 265, 114993.	3.7	33
457	The investigation on ibuprofen methyl ester isomerization as a fundamental stage in the preparation of antipyretic medicine (R)-ibuprofen: a computational insight. <i>Theoretical Chemistry Accounts</i> , 2020, 139, 1.	0.5	2
458	Tandem anaerobic-aerobic degradation of ranitidine, diclofenac, and simvastatin in domestic sewage. <i>Science of the Total Environment</i> , 2020, 721, 137589.	3.9	11

#	ARTICLE	IF	CITATIONS
459	Occurrence and toxicity of antibiotics in the aquatic environment: A review. <i>Chemosphere</i> , 2020, 251, 126351.	4.2	748
460	Temporal-spatial variation and environmental risk assessment of pharmaceuticals in tributaries of the Han River watershed, South Korea. <i>Science of the Total Environment</i> , 2020, 741, 140486.	3.9	18
461	Ecotoxic interactions between pharmaceuticals in mixtures: Diclofenac and sulfamethoxazole. <i>Chemosphere</i> , 2020, 259, 127407.	4.2	37
462	Impacts of salicylic acid in <i>Mytilus galloprovincialis</i> exposed to warming conditions. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103448.	2.0	59
463	Prioritisation of emerging contaminants in the northern Antarctic Peninsula based on their environmental risk. <i>Science of the Total Environment</i> , 2020, 742, 140417.	3.9	17
464	Occurrence and environmental risks of nonsteroidal anti-inflammatory drugs in urban wastewater in the southwest monsoon region of India. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 193.	1.3	39
465	First Electrochemical Sensor (Screen-Printed Carbon Electrode Modified with Carboxyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Td (Fu Materials, 2020, 13, 781.	1.3	14
466	Endocrine disruptive action of diclofenac and caffeine on <i>Astyanax altiparanae</i> males (Teleostei): Tj ETQq1 1 0.784314 rgBT /Overlock 11 Pharmacology, 2020, 231, 108720.	1.3	16
467	Selected Pharmaceuticals in Different Aquatic Compartments: Part II – Toxicity and Environmental Risk Assessment. <i>Molecules</i> , 2020, 25, 1796.	1.7	36
468	Use of Ultrasound as an Advanced Oxidation Process for the Degradation of Emerging Pollutants in Water. <i>Water (Switzerland)</i> , 2020, 12, 1068.	1.2	59
469	Nonsteroidal anti-inflammatory drugs (NSAIDs) cause male-biased sex differentiation in zebrafish. <i>Aquatic Toxicology</i> , 2020, 223, 105476.	1.9	14
470	Magnetic nanotechnology for diclofenac remediation: molecular basis of drug adsorption and neurobehavioral toxicology as a preliminary study for safe application. <i>International Journal of Environmental Health Research</i> , 2021, 31, 85-101.	1.3	0
471	Pharmacology-informed prediction of the risk posed to fish by mixtures of non-steroidal anti-inflammatory drugs (NSAIDs) in the environment. <i>Environment International</i> , 2021, 146, 106222.	4.8	23
472	Starch-Mg/Al layered double hydroxide composites as an efficient solid phase extraction sorbent for non-steroidal anti-inflammatory drugs as environmental pollutants. <i>Journal of Hazardous Materials</i> , 2021, 401, 123782.	6.5	38
473	Toxic effects of NSAIDs in non-target species: A review from the perspective of the aquatic environment. <i>Environmental Pollution</i> , 2021, 273, 115891.	3.7	69
474	<i>Daphnia magna</i> model in the toxicity assessment of pharmaceuticals: A review. <i>Science of the Total Environment</i> , 2021, 763, 143038.	3.9	120
475	F-doped ZnO nano- and meso-crystals with enhanced photocatalytic activity in diclofenac degradation. <i>Science of the Total Environment</i> , 2021, 762, 143066.	3.9	37
476	Review of aquatic toxicity of pharmaceuticals and personal care products to algae. <i>Journal of Hazardous Materials</i> , 2021, 410, 124619.	6.5	73

#	ARTICLE	IF	CITATIONS
477	Oxidation of diclofenac in water by sodium hypochlorite: Identification of new degradation by-products and their ecotoxicological evaluation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113762.	1.4	16
478	Semiconductor based photocatalysts for detoxification of emerging pharmaceutical pollutants from aquatic systems: A critical review. <i>Nano Materials Science</i> , 2021, 3, 25-46.	3.9	72
479	Remediation of soil contaminated with ibuprofen by persulfate activated with gallic acid and ferric iron. <i>Chemical Engineering Journal</i> , 2021, 426, 127653.	6.6	7
480	Diclofenac and atrazine restrict the growth of a synchronous <i>Chlamydomonas reinhardtii</i> population via various mechanisms. <i>Aquatic Toxicology</i> , 2021, 230, 105698.	1.9	14
481	Does diclofenac act like a photosynthetic herbicide on green algae? <i>Chlamydomonas reinhardtii</i> synchronous culture-based study with atrazine as reference. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111630.	2.9	15
482	Effects of anti-inflammatory diclofenac assessed by toxicity tests and biomarkers in adults and larvae of <i>Danio rerio</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 242, 108955.	1.3	7
483	Behavioral and physiological responses of <i>Daphnia magna</i> to salicylic acid. <i>Chemosphere</i> , 2021, 270, 128660.	4.2	19
484	Analysis, fate and toxicity of chiral non-steroidal anti-inflammatory drugs in wastewaters and the environment: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 43-75.	8.3	39
485	Sources and occurrence of pharmaceutical residues in offshore seawater. , 2021, , 329-350.		1
486	Environmental risk assessment of pharmaceutical and personal care products in estuarine and coastal waters. , 2021, , 195-252.		3
487	Is ionizing radiation effective in removing pharmaceuticals from wastewater?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 23975-23983.	2.7	9
488	Nontargeted Discovery of Novel Contaminants in the Great Lakes Region: A Comparison of Fish Fillets and Fish Consumers. <i>Environmental Science & Technology</i> , 2021, 55, 3765-3774.	4.6	26
489	Effluent decontamination by the ibuprofen-mineralizing strain, <i>Sphingopyxis granuli</i> RW412: Metabolic processes. <i>Environmental Pollution</i> , 2021, 274, 116536.	3.7	15
490	Magnetite-Based Catalyst in the Catalytic Wet Peroxide Oxidation for Different Aqueous Matrices Spiked with Naproxen and Diclofenac Mixture. <i>Catalysts</i> , 2021, 11, 514.	1.6	10
491	Pharmaceuticals in the Soil and Plant Environment: a Review. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	65
492	A review of combined sewer overflows as a source of wastewater-derived emerging contaminants in the environment and their management. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32095-32110.	2.7	29
493	Understanding the effects of mineral water matrix on degradation of several pharmaceuticals by ultrasound: Influence of chemical structure and concentration of the pollutants. <i>Ultrasonics Sonochemistry</i> , 2021, 73, 105500.	3.8	22
494	Temporal and Spatial Variability of Micropollutants in a Brazilian Urban River. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 142-154.	2.1	10

#	ARTICLE	IF	CITATIONS
495	Susceptibility of phytoplankton to the increasing presence of active pharmaceutical ingredients (APIs) in the aquatic environment: A review. <i>Aquatic Toxicology</i> , 2021, 234, 105809.	1.9	28
496	Removal of non-steroidal anti-inflammatory drugs from water by zeolite-rich composites: The interference of inorganic anions on the ibuprofen and naproxen adsorption. <i>Journal of Environmental Management</i> , 2021, 286, 112168.	3.8	42
497	Inhibition of swim bladder inflation in Japanese medaka (<i>Oryzias latipes</i>) embryos following exposure to select pharmaceuticals alone and in combination. <i>Aquatic Toxicology</i> , 2021, 234, 105796.	1.9	8
498	Occurrence of carbamazepine, diclofenac, and their related metabolites and transformation products in a French aquatic environment and preliminary risk assessment. <i>Water Research</i> , 2021, 196, 117052.	5.3	50
499	Occurrence of pharmaceutical residues, personal care products, lifestyle chemicals, illicit drugs and metabolites in wastewater and receiving surface waters of Krakow agglomeration in South Poland. <i>Science of the Total Environment</i> , 2021, 768, 144360.	3.9	64
500	Pharmaceuticals and personal care products and their sublethal and lethal effects in aquatic organisms. <i>Environmental Reviews</i> , 2021, 29, 142-181.	2.1	31
501	Combined toxicity of endocrine-disrupting chemicals: A review. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112136.	2.9	73
502	Trends in the detection of pharmaceuticals and endocrine-disrupting compounds by Field-Effect Transistors (FETs). <i>Trends in Environmental Analytical Chemistry</i> , 2021, 30, e00127.	5.3	6
503	Interaction studies of diclofenac and ibuprofen molecules on armchair bismuthene nanotubes: A first-principles study. <i>Chemical Physics</i> , 2021, 546, 111169.	0.9	15
504	Evaluation of ibuprofen contamination in local urban rivers and its effects on immune parameters of juvenile grass carp. <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1405-1413.	0.9	8
505	Diclofenac Alters the Cell Cycle Progression of the Green Alga <i>Chlamydomonas reinhardtii</i> . <i>Cells</i> , 2021, 10, 1936.	1.8	4
506	Fungi for the bioremediation of pharmaceutical-derived pollutants: A bioengineering approach to water treatment. <i>Environmental Advances</i> , 2021, 4, 100071.	2.2	35
507	Double-edged sword: Fluoxetine and ibuprofen as development jeopardizers and apoptosis' inducers in common toad, <i>Bufo bufo</i> , tadpoles. <i>Science of the Total Environment</i> , 2021, 776, 145945.	3.9	19
508	The use of <i>Gammarus pulex</i> as a model organism for ecotoxicological assessment of ibuprofen and propranolol at environmental relevant concentrations. <i>International Journal of Environmental Health Research</i> , 2022, 32, 2385-2395.	1.3	2
509	Phycotoxicity of antibiotics and non-steroidal anti-inflammatory drugs to green algae <i>Chlorella</i> sp. and <i>Desmodesmus spinosus</i> : Assessment of combined toxicity by Boxâ€œBehnken experimental design. <i>Environmental Technology and Innovation</i> , 2021, 23, 101586.	3.0	21
510	Ecotoxicological effects, environmental fate and risks of pharmaceutical and personal care products in the water environment: A review. <i>Science of the Total Environment</i> , 2021, 788, 147819.	3.9	161
511	Electrochemical Determination of Diclofenac by Using ZIF-67/g-C3N4 Modified Electrode. <i>Adsorption Science and Technology</i> , 2021, 2021, 1-14.	1.5	8
512	Input of Electroanalytical Methods for the Determination of Diclofenac: A Review of Recent Trends and Developments. <i>ChemElectroChem</i> , 2022, 9, .	1.7	2

#	ARTICLE	IF	CITATIONS
513	Aquatic concentration and risk assessment of pharmaceutically active compounds in the environment. <i>Environmental Pollution</i> , 2021, 290, 118049.	3.7	31
514	Developmental alterations, teratogenic effects, and oxidative disruption induced by ibuprofen, aluminum, and their binary mixture on <i>Danio rerio</i> . <i>Environmental Pollution</i> , 2021, 291, 118078.	3.7	12
515	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.	3.8	69
516	Self-supported 3D reduced graphene oxide for solid-phase extraction: An efficient and low-cost sorbent for environmental contaminants in aqueous solution. <i>Talanta</i> , 2021, 235, 122750.	2.9	7
517	Transcriptomic response of HepG2 cells exposed to three common anti-inflammatory drugs: Ketoprofen, mefenamic acid, and diclofenac in domestic wastewater effluents. <i>Chemosphere</i> , 2022, 286, 131715.	4.2	3
518	Application of lead oxide electrodes in wastewater treatment: A review. <i>Science of the Total Environment</i> , 2022, 806, 150088.	3.9	20
519	Ecotoxicity evaluation of diclofenac potassium in vertical flow constructed wetlands as posttreatment of septic tank effluent. , 2022, , 271-282.		0
520	Modeling the toxicity of pollutants mixtures for risk assessment: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 1629-1655.	8.3	26
521	Occurrence and environmental fate of pharmaceuticals, personal care products and illicit drugs (PPCPIDs) in tropical ecosystems. , 2021, , 169-193.		1
522	Towards the design of active pharmaceutical ingredients mineralizing readily in the environment. <i>Green Chemistry</i> , 2021, 23, 5006-5023.	4.6	16
523	Ecotoxicological QSARs of Mixtures. <i>Methods in Pharmacology and Toxicology</i> , 2020, , 437-475.	0.1	4
524	Anaerobic Biotechnology for the Treatment of Pharmaceutical Compounds and Hospital Wastewaters. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 61-84.	0.3	8
525	Effects of Pharmaceuticals on Aquatic Organisms. , 2008, , 175-203.		18
526	On the Ecotoxicology of Pharmaceutical Mixtures. , 2008, , 257-276.		15
527	Chronic Mixture Toxicity of Pharmaceuticals to <i>Daphnia</i> – The Example of Nonsteroidal Anti-Inflammatory Drugs. , 2008, , 277-284.		12
528	Removal of Emerging Contaminants in Waste-water Treatment: Removal by Photo-catalytic Processes. <i>Handbook of Environmental Chemistry</i> , 2008, , 177-197.	0.2	5
529	Environmental Fate of Chiral Pharmaceuticals: Determination, Degradation and Toxicity. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , 3-45.	0.3	17
530	Impacts of Pharmaceuticals on Terrestrial Wildlife. <i>Issues in Environmental Science and Technology</i> , 2015, , 216-254.	0.4	4

#	ARTICLE	IF	CITATIONS
531	Mesures de l'efficacité des zones de rejet végétales : méthodes et résultats. Techniques - Sciences - Methodes, 2014, , 52-61.	0.0	1
532	Mixture toxicity analysis in zebrafish embryo: a time and concentration resolved study on mixture effect predictivity. Environmental Sciences Europe, 2020, 32, .	2.6	14
533	Water pollution: one of the main Limnology challenges in the Anthropocene. Acta Limnologica Brasiliensia, 0, 31, .	0.4	10
534	Use of synthetic clay for Removal of Diclofenac Anti-inflammatory. Eurasian Journal of Soil Science, 2015, 4, 126.	0.2	11
535	Pharmaceutical Mixtures: Still A Concern for Human and Environmental Health. Current Medicinal Chemistry, 2020, 27, 121-153.	1.2	6
536	Seasonal Occurrence of Ibuprofen in Sediment, Water, and Biota in River Owena and Ogbese, and its Ecological Risk Assessment. Annals of Science and Technology, 2020, 5, 11-19.	0.2	5
538	Acute lethal and sublethal effects of diltiazem and doxepin for four aquatic environmental bioindicators covering the trophic chain. AIMS Environmental Science, 2018, 5, 229-243.	0.7	5
539	Merging Wildlife and Environmental Monitoring Approaches with Forensic Principles: Application of Unconventional and Non-Invasive Sampling in Eco-Pharmacovigilance. Journal of Forensics Research, 2014, 05, .	0.1	13
540	A Study on the Degradation of Carbamazepine and Ibuprofen by TiO ₂ and ZnO Photocatalysis upon UV/Visible-Light Irradiation. American Journal of Analytical Chemistry, 2014, 05, 518-534.	0.3	93
541	Degradation of Diclofenac in Molecularly Imprinted Polymer Submicron Particles by UV Light Irradiation and HCl Acid Treatment. Journal of Water Resource and Protection, 2011, 03, 643-654.	0.3	8
542	Impact on Wastewater Quality of Biopellets Composed of <i>Chlorella vulgaris</i> and <i>Aspergillus niger</i> and Lipid Content in the Harvested Biomass. Journal of Water Resource and Protection, 2019, 11, 831-843.	0.3	4
543	Occurrence of Residual Pharmaceuticals and Fate, Residue and Toxic Effect in Drinking Water Resources. Daehan Hwan'gyeong Gonghag Hoeji, 2011, 33, 453-479.	0.4	12
544	Characteristic Occurrence and Distributions of Pharmaceuticals in the Nakdong River. Daehan Hwan'gyeong Gonghag Hoeji, 2017, 39, 403-411.	0.4	8
545	Diclofenac biotransformation in the enhanced biological phosphorus removal process. Science of the Total Environment, 2022, 806, 151232.	3.9	7
546	Implementation of NF as a robust barrier for organic contaminants during water reuse applications. , 2010, , 151-168.		0
547	Veterinary Medicines and the Environment. Issues in Toxicology, 2012, , 365-402.	0.2	0
548	Ekotoksikologiczna ocena wpływu wybranych farmaceutyków na rozwielkacz wielki (Daphnia magna) przed procesem sonikacji i po nim. Gaz, Woda; Technika Sanitarna, 2015, 1, 20-22.	0.0	0
550	QSAR Modeling for Acute Toxicity Prediction in Rat by Common Painkiller Drugs. International Letters of Natural Sciences, 0, 52, 9-18.	1.0	0

#	ARTICLE	IF	CITATIONS
551	Modelling diclofenac and ibuprofen residues in major Estonian seaside cities. <i>Journal of Water Security</i> , 2016, 2, .	0.2	0
552	Occurrence of Transformation Products of Pharmaceutical and Personal Care Products in the Aquatic Environment. <i>Chromatographic Science</i> , 2017, , 555-603.	0.1	0
553	Electro-Fenton Oxidation of Simulated Pharmaceutical Waste: Optimization using Central Composite Design. <i>International Journal of Environmental Sciences & Natural Resources</i> , 2017, 3, .	0.3	0
554	Embryotoxicity and Teratogenicity Induced by Naproxen in <i>Xenopus laevis</i> , Species of Ecological Interest in Mexico. , 2019, , 55-66.		0
555	Evaluation of the Toxicity of an Industrial Effluent Before and After a Treatment with Sn-Modified TiO ₂ Under UV Irradiation Through Oxidative Stress Biomarkers. , 2019, , 157-175.		0
556	Fate of Micropollutants in Engineered and Natural Environment. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2020, , 283-301.	0.3	11
557	Adverse Effects Induced by Nonsteroidal Anti-inflammatory Drugs on Freshwater Invertebrates. <i>Handbook of Environmental Chemistry</i> , 2020, , 147-160.	0.2	0
558	Theoretical Evaluation of Ibuprofen and Paracetamol by Fukui and Parr Functions Descriptors: DFT Study. , 2020, , .		0
559	Synchronous mineralization of three aqueous non-steroidal anti-inflammatory drugs in electrochemical advanced oxidation process. <i>Chinese Chemical Letters</i> , 2022, 33, 3701-3704.	4.8	12
560	Review on Mixture Toxicity of Pharmaceuticals in Environmental Waters and Wastewater Effluents. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2020, , 105-126.	0.3	0
561	Diclofenac-induced cytotoxicity in cultured carp leukocytes. <i>Physiological Research</i> , 2020, 69, S607-S618.	0.4	4
564	Removal of Persistent Organic Pollutants Using Redox Active Metal Oxide Nanocatalysts via Advanced Oxidation Process. <i>Environmental Chemistry for A Sustainable World</i> , 2022, , 215-240.	0.3	0
565	Photo-oxidation of three major pharmaceuticals in urban wastewater under artificial and solar irradiations. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113673.	2.0	5
566	Pharmaceuticals as emerging pollutants: Case naproxen an overview. <i>Chemosphere</i> , 2022, 291, 132822.	4.2	23
567	Spatial Identification of Vulnerable Coastal Ecosystems for Emerging Pollutants. <i>Coastal Research Library</i> , 2022, , 359-386.	0.2	0
568	Functionalized Multi-Walled Carbon Nanotube-Based Aptasensors for Diclofenac Detection. <i>Frontiers in Chemistry</i> , 2021, 9, 812909.	1.8	4
569	The impact of micropollutants on native algae and cyanobacteria communities in ecological filters during drinking water treatment. <i>Science of the Total Environment</i> , 2022, 822, 153401.	3.9	6
570	Occurrence, sources and environmental risk assessment of pharmaceuticals in the Sea of Marmara, Turkey. <i>Science of the Total Environment</i> , 2022, 819, 152996.	3.9	17

#	ARTICLE	IF	CITATIONS
571	Ecotoxicological aspects related to the occurrence of emerging contaminants in the Dinaric karst aquifer of Jadro and A ¹ / ₂ rnovnica springs. <i>Science of the Total Environment</i> , 2022, 825, 153827.	3.9	11
572	Microalgae growth with a high concentration of emerging pollutants and phytotoxicity evaluation of cultivation wastewater. <i>Journal of Water Process Engineering</i> , 2022, 46, 102616.	2.6	12
573	Removal of Paracetamol from Aqueous Solutions by Photocatalytic Ozonation over TiO ₂ -MexO _y Thin Films. <i>Nanomaterials</i> , 2022, 12, 613.	1.9	5
574	Histological endpoints and oxidative stress transcriptional responses in the Mediterranean mussel <i>Mytilus galloprovincialis</i> exposed to realistic doses of salicylic acid. <i>Environmental Toxicology and Pharmacology</i> , 2022, 92, 103855.	2.0	14
575	Silica-catalyzed ozonation of 17 β -ethinyl-estradiol in aqueous media-to better understand the role of silica in soils. <i>Chemosphere</i> , 2022, 298, 134312.	4.2	6
576	Total Release of 21 Indicator Pharmaceuticals Listed by the Swedish Medical Products Agency from Wastewater Treatment Plants to Surface Water Bodies in the 1.3 Million Populated County Skåne (Scania), Sweden. <i>Molecules</i> , 2022, 27, 77.	1.7	5
577	Mixture toxicity of six pharmaceuticals towards <i>Aliivibrio fischeri</i> , <i>Daphnia magna</i> , and <i>Lemna minor</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 26977-26991.	2.7	5
578	Recent Advances in Thiourea Based Colorimetric and Fluorescent Chemosensors for Detection of Anions and Neutral Analytes: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2024, 54, 93-109.	1.8	24
579	Anti-inflammatory activity and toxicity evaluation of 1,3-bis(p-hydroxyphenyl)urea. <i>F1000Research</i> , 0, 11, 418.	0.8	1
580	Elements of Veterinary Pharmacovigilance. , 0, , 9-17.		0
581	Modeling risk dynamics of contaminants of emerging concern in a temperate-region wastewater effluent-dominated stream. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 1408-1422.	1.2	9
582	Pharmaceutical wastewater as Emerging Contaminants (EC): Treatment technologies, impact on environment and human health. <i>Energy Nexus</i> , 2022, 6, 100076.	3.3	127
583	Photoelectrocatalytic degradation of diclofenac with a boron-doped diamond electrode modified with titanium dioxide as a photoanode. <i>Environmental Research</i> , 2022, 212, 113362.	3.7	18
584	Construction of dual transfer channels in graphitic carbon nitride photocatalyst for high-efficiency environmental pollution remediation: Enhanced exciton dissociation and carrier migration. <i>Journal of Hazardous Materials</i> , 2022, 436, 129171.	6.5	13
585	The Antidepressants Amitriptyline and Paroxetine Induce Changes in the Structure and Functional Traits of Marine Nematodes. <i>Sustainability</i> , 2022, 14, 6100.	1.6	5
586	Pharmaceuticals in the Aquatic Environment: A Review on Eco-Toxicology and the Remediation Potential of Algae. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7717.	1.2	48
587	Efficient removal of antibiotics from water resources is a public health priority: a critical assessment of the efficacy of some remediation strategies for antibiotics in water. <i>Environmental Science and Pollution Research</i> , 2022, 29, 56948-57020.	2.7	5
588	Emergent contaminants in spring rivers and their relation to the benthic macroinvertebrates. <i>Revista Brasileira De Recursos Hidricos</i> , 0, 27, .	0.5	2

#	ARTICLE	IF	CITATIONS
589	Toxicological Evaluation of Acetylsalicylic Acid in Non-Target Organisms: Chronic Exposure on <i>Mytilus galloprovincialis</i> (Lamarck, 1819). <i>Frontiers in Physiology</i> , 0, 13, .	1.3	24
590	Time- and dose-dependent biological effects of a sub-chronic exposure to realistic doses of salicylic acid in the gills of mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 88161-88171.	2.7	9
591	Acute ecotoxicological effects on daphnids and green algae caused by the ozonation of ibuprofen. <i>Science of the Total Environment</i> , 2022, 847, 157611.	3.9	4
592	Occurrence, hazard, and risk of psychopharmaceuticals and illicit drugs in European surface waters. <i>Water Research</i> , 2022, 222, 118878.	5.3	17
593	Occurrence and human health risk assessment of antibiotics in cultured fish from 19 provinces in China. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	9
594	Ecofriendly and sustainable <i>Sargassum</i> spp.-based system for the removal of highly used drugs during the COVID-19 pandemic. <i>Arabian Journal of Chemistry</i> , 2022, 15, 104169.	2.3	3
595	Occurrence of emerging organic contaminants and endocrine disruptors in different water compartments in Mexico – A review. <i>Chemosphere</i> , 2022, 308, 136285.	4.2	24
596	Determination and Risk Assessment of Pharmaceutical Residues in the Urban Water Cycle. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
597	Effect of an amalgamated antibiotic and its connection to cyto-genotoxicity and histo-architectural malformations in stingray catfish. <i>Emerging Contaminants</i> , 2022, 8, 381-390.	2.2	1
598	Diclofenac removal by the microalgae species <i>Chlorella vulgaris</i> , <i>Nannochloropsis oculata</i> , <i>Scenedesmus acutus</i> , and <i>Scenedesmus obliquus</i> . <i>3 Biotech</i> , 2022, 12, .	1.1	3
599	Anti-inflammatory activity and toxicity evaluation of 1,3-bis(p-hydroxyphenyl)urea. <i>F1000Research</i> , 0, 11, 418.	0.8	1
600	The growth, biochemical composition, and antioxidant response of <i>Microcystis</i> and <i>Chlorella</i> are influenced by ibuprofen. <i>Environmental Science and Pollution Research</i> , 2023, 30, 13118-13131.	2.7	1
601	Acute and chronic ecotoxicological effects of pharmaceuticals and their mixtures in <i>Daphnia similis</i> . <i>Chemosphere</i> , 2022, 309, 136671.	4.2	8
602	Social Management of Pharma Products for Sustainable Development. Impact of Meat Consumption on Health and Environmental Sustainability, 2022, , 181-199.	0.4	0
603	A Comprehensive Review for Removal of Non-Steroidal Anti-Inflammatory Drugs Attained from Wastewater Observations Using Carbon-Based Anodic Oxidation Process. <i>Toxics</i> , 2022, 10, 598.	1.6	10
604	QSAR Modeling for Acute Toxicity Prediction in Rat by Common Painkiller Drugs. <i>International Letters of Natural Sciences</i> , 0, 52, 9-18.	1.0	0
605	Enhanced photocatalytic performance of pebble stone like CuMoO ₄ photocatalyst for the degradation of organic pollutant. <i>Physica B: Condensed Matter</i> , 2023, 650, 414544.	1.3	4
606	Functionalization of graphene nanostructures with inorganic nanoparticles and their use for the removal of pharmaceutical pollutants in water. <i>Frontiers in Chemical Engineering</i> , 0, 4, .	1.3	0

#	ARTICLE	IF	CITATIONS
607	Pharma pollution: Challenges and future aspects. AIP Conference Proceedings, 2023, , .	0.3	1
608	Ambiguous changes in photosynthetic parameters of Lemna minor L. after short-term exposure to naproxen and paracetamol: Can the risk be ignored?. Aquatic Toxicology, 2023, 259, 106537.	1.9	1
609	Determination and risk assessment of pharmaceutical residues in the urban water cycle in Selangor Darul Ehsan, Malaysia. PeerJ, 0, 11, e14719.	0.9	1
610	A fundamental study on the degradation of paracetamol under single- and dual-frequency ultrasound. Ultrasonics Sonochemistry, 2023, 94, 106320.	3.8	4
611	Phyco-remediation: Role of Microalgae in Remediation of Emerging Contaminants. Emerging Contaminants and Associated Treatment Technologies, 2023, , 163-192.	0.4	0
612	Unravelling joint cytotoxicity of ibuprofen and oxytetracycline on Chlamydomonas reinhardtii using a programmed cell death-related biomarkers panel. Aquatic Toxicology, 2023, 257, 106455.	1.9	1
613	Freshwater crustacean exposed to active pharmaceutical ingredients: ecotoxicological effects and mechanisms. Environmental Science and Pollution Research, 2023, 30, 48868-48902.	2.7	3
614	Spatial and temporal distribution characteristics of antibiotics and heavy metals in the Yitong River basin and ecological risk assessment. Scientific Reports, 2023, 13, .	1.6	9
615	Molecular Responses of Daphnids to Chronic Exposures to Pharmaceuticals. International Journal of Molecular Sciences, 2023, 24, 4100.	1.8	3
616	Advanced Treatment Methods for the Emerging Contaminants: An Insight into the Removal of Anticancer Drugs. Energy, Environment, and Sustainability, 2023, , 197-211.	0.6	1
621	Factors Determining the Susceptibility of Fish to Effects of Human Pharmaceuticals. Environmental Science & Technology, 2023, 57, 8845-8862.	4.6	6
637	Adsorption of Anionic Antibiotics by CTAB Modified Natural Clay Minerals. SpringerBriefs in Environmental Science, 2023, , 31-57.	0.3	0
646	Chemical Introductions to the Systems: Point Source Pollution (Persistent Chemicals). , 2024, , 170-217.		1