

Valdemar I. Esteves

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152
papers

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57
g-index

154
ext. papers

4,876
ext. citations

7
avg, IF

5.91
L-index

#	Paper	IF	Citations
152	Psychiatric pharmaceuticals in the environment. <i>Chemosphere</i> , 2009 , 77, 1257-74	8.4	288
151	Processes for the elimination of estrogenic steroid hormones from water: a review. <i>Environmental Pollution</i> , 2012 , 165, 38-58	9.3	231
150	Removal of diclofenac sodium from aqueous solution by Isabel grape bagasse. <i>Chemical Engineering Journal</i> , 2012 , 192, 114-121	14.7	157
149	Presence of the pharmaceutical drug carbamazepine in coastal systems: effects on bivalves. <i>Aquatic Toxicology</i> , 2014 , 156, 74-87	5.1	117
148	Adsorptive removal of pharmaceuticals from water by commercial and waste-based carbons. <i>Journal of Environmental Management</i> , 2015 , 152, 83-90	7.9	97
147	Photodegradation of psychiatric pharmaceuticals in aquatic environments--kinetics and photodegradation products. <i>Water Research</i> , 2011 , 45, 6097-106	12.5	94
146	Direct photodegradation of carbamazepine followed by micellar electrokinetic chromatography and mass spectrometry. <i>Water Research</i> , 2011 , 45, 1095-104	12.5	93
145	Effects of organic and inorganic amendments on soil organic matter properties. <i>Geoderma</i> , 2009 , 150, 38-45	6.7	92
144	Development and application of a capillary electrophoresis based method for the simultaneous screening of six antibiotics in spiked milk samples. <i>Talanta</i> , 2007 , 71, 731-7	6.2	86
143	Production of adsorbents by pyrolysis of paper mill sludge and application on the removal of citalopram from water. <i>Bioresource Technology</i> , 2014 , 166, 335-44	11	73
142	Toward the Standardization of Biochar Analysis: The COST Action TD1107 Interlaboratory Comparison. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 513-27	5.7	71
141	The impacts of pharmaceutical drugs under ocean acidification: New data on single and combined long-term effects of carbamazepine on <i>Scrobicularia plana</i> . <i>Science of the Total Environment</i> , 2016 , 541, 977-985	10.2	68
140	Application of an ELISA to the quantification of carbamazepine in ground, surface and wastewaters and validation with LC-MS/MS. <i>Chemosphere</i> , 2011 , 84, 1708-15	8.4	66
139	Physiological and biochemical alterations induced in the mussel <i>Mytilus galloprovincialis</i> after short and long-term exposure to carbamazepine. <i>Water Research</i> , 2017 , 117, 102-114	12.5	63
138	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. <i>Water Research</i> , 2015 , 85, 137-47	12.5	63
137	Using capillary electrophoresis for the determination of organic acids in Port wine. <i>Analytica Chimica Acta</i> , 2004 , 513, 163-167	6.6	63
136	Caffeine impacts in the clam <i>Ruditapes philippinarum</i> : Alterations on energy reserves, metabolic activity and oxidative stress biomarkers. <i>Chemosphere</i> , 2016 , 160, 95-103	8.4	59

135	Comparative characterization of humic substances from the open ocean, estuarine water and fresh water. <i>Organic Geochemistry</i> , 2009 , 40, 942-950	3.1	53
134	Waste-based alternative adsorbents for the remediation of pharmaceutical contaminated waters: Has a step forward already been taken?. <i>Bioresource Technology</i> , 2018 , 250, 888-901	11	53
133	Chronic toxicity of the antiepileptic carbamazepine on the clam <i>Ruditapes philippinarum</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015 , 172-173, 26-35	3.2	52
132	Recent advances on the development and application of magnetic activated carbon and char for the removal of pharmaceutical compounds from waters: A review. <i>Science of the Total Environment</i> , 2020 , 718, 137272	10.2	52
131	Kinetics of Eucalypt Lignosulfonate Oxidation to Aromatic Aldehydes by Oxygen in Alkaline Medium. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 291-298	3.9	52
130	Photodegradation of organic pollutants in water by immobilized porphyrins and phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 150-166	1.8	46
129	BDE-209: kinetic studies and effect of humic substances on photodegradation in water. <i>Environmental Science & Technology</i> , 2013 , 47, 14010-7	10.3	45
128	Toxic effects of the antihistamine cetirizine in mussel <i>Mytilus galloprovincialis</i> . <i>Water Research</i> , 2017 , 114, 316-326	12.5	43
127	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete <i>Diopatra neapolitana</i> . <i>Chemosphere</i> , 2016 , 146, 565-73	8.4	43
126	Development of ELISA methodologies for the direct determination of 17 β -estradiol and 17 β -ethinylestradiol in complex aqueous matrices. <i>Journal of Environmental Management</i> , 2013 , 124, 121-7	7.9	43
125	How life history influences the responses of the clam <i>Scrobicularia plana</i> to the combined impacts of carbamazepine and pH decrease. <i>Environmental Pollution</i> , 2015 , 202, 205-14	9.3	42
124	Removal of fluoxetine from water by adsorbent materials produced from paper mill sludge. <i>Journal of Colloid and Interface Science</i> , 2015 , 448, 32-40	9.3	42
123	Use of formalin in intensive aquaculture: properties, application and effects on fish and water quality. <i>Reviews in Aquaculture</i> , 2018 , 10, 281-295	8.9	42
122	Low cost methodology for estrogens monitoring in water samples using dispersive liquid-liquid microextraction and HPLC with fluorescence detection. <i>Talanta</i> , 2013 , 115, 980-5	6.2	42
121	Quantification of organic acids in beer by nuclear magnetic resonance (NMR)-based methods. <i>Analytica Chimica Acta</i> , 2010 , 674, 166-75	6.6	42
120	One-step extraction and concentration of estrogens for an adequate monitoring of wastewater using ionic-liquid-based aqueous biphasic systems. <i>Green Chemistry</i> , 2015 , 17, 2570-2579	10	40
119	Sorption-desorption behavior of atrazine on soils subjected to different organic long-term amendments. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 3101-6	5.7	40
118	Influence of different organic amendments on the potential availability of metals from soil: a study on metal fractionation and extraction kinetics by EDTA. <i>Chemosphere</i> , 2010 , 78, 389-96	8.4	40

117	Elemental and spectral properties of peat and soil samples and their respective humic substances. <i>Journal of Molecular Structure</i> , 2010 , 971, 33-38	3.4	40
116	Photodegradation of sulfamethoxazole in environmental samples: The role of pH, organic matter and salinity. <i>Science of the Total Environment</i> , 2019 , 648, 1403-1410	10.2	39
115	Removal of pharmaceuticals from municipal wastewater by adsorption onto pyrolyzed pulp mill sludge. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 3611-3620	5.9	37
114	Single and multi-component adsorption of psychiatric pharmaceuticals onto alternative and commercial carbons. <i>Journal of Environmental Management</i> , 2017 , 192, 15-24	7.9	36
113	Production of highly efficient activated carbons from industrial wastes for the removal of pharmaceuticals from water-A full factorial design. <i>Journal of Hazardous Materials</i> , 2019 , 370, 212-218	12.8	35
112	Comparative valorisation of agricultural and industrial biowastes by combustion and pyrolysis. <i>Bioresource Technology</i> , 2016 , 218, 918-25	11	34
111	Biodegradation of 17 β -estradiol by bacteria isolated from deep sea sediments in aerobic and anaerobic media. <i>Journal of Hazardous Materials</i> , 2017 , 323, 359-366	12.8	33
110	Heavy elements in the phosphorite from Kalaat Khasba mine (North-western Tunisia): potential implications on the environment and human health. <i>Journal of Hazardous Materials</i> , 2010 , 182, 232-45	12.8	32
109	Optimization of phenolic compounds analysis by capillary electrophoresis. <i>Talanta</i> , 2007 , 72, 1404-9	6.2	32
108	Fluorescence and DOC contents of estuarine pore waters from colonized and non-colonized sediments: effects of sampling preservation. <i>Chemosphere</i> , 2007 , 67, 211-20	8.4	31
107	Effects of carbamazepine and cetirizine under an ocean acidification scenario on the biochemical and transcriptome responses of the clam <i>Ruditapes philippinarum</i> . <i>Environmental Pollution</i> , 2018 , 235, 857-868	9.3	30
106	Use of sunlight to degrade oxytetracycline in marine aquaculture waters. <i>Environmental Pollution</i> , 2016 , 213, 932-939	9.3	30
105	A one-year record of carbonaceous components and major ions in aerosols from an urban kerbside location in Oporto, Portugal. <i>Science of the Total Environment</i> , 2016 , 562, 822-833	10.2	29
104	Obtaining granular activated carbon from paper mill sludge - A challenge for application in the removal of pharmaceuticals from wastewater. <i>Science of the Total Environment</i> , 2019 , 653, 393-400	10.2	29
103	Comparison of the toxicological impacts of carbamazepine and a mixture of its photodegradation products in <i>Scrobicularia plana</i> . <i>Journal of Hazardous Materials</i> , 2017 , 323, 220-232	12.8	27
102	Oxytetracycline in intensive aquaculture: water quality during and after its administration, environmental fate, toxicity and bacterial resistance. <i>Reviews in Aquaculture</i> , 2019 , 11, 1176-1194	8.9	27
101	Degradation by Solar Radiation of Estrogenic Hormones Monitored by UV-Visible Spectroscopy and Capillary Electrophoresis. <i>Water, Air, and Soil Pollution</i> , 2011 , 215, 441-447	2.6	27
100	Effects of single and combined exposure of pharmaceutical drugs (carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses of <i>R. philippinarum</i> . <i>Aquatic Toxicology</i> , 2018 , 198, 10-19	5.1	26

99	Thermogravimetric properties of aquatic humic substances. <i>Marine Chemistry</i> , 1999 , 63, 225-233	3.7	26
98	Variation on the adsorption efficiency of humic substances from estuarine waters using XAD resins. <i>Marine Chemistry</i> , 1995 , 51, 61-66	3.7	25
97	Humic substancesRproton-binding equilibria: assessment of errors and limitations of potentiometric data. <i>Analytica Chimica Acta</i> , 1999 , 392, 333-341	6.6	24
96	Long-term exposure of polychaetes to caffeine: Biochemical alterations induced in <i>Diopatra neapolitana</i> and <i>Arenicola marina</i> . <i>Environmental Pollution</i> , 2016 , 214, 456-463	9.3	23
95	Application of dispersive liquid-liquid microextraction for estrogensRquantification by enzyme-linked immunosorbent assay. <i>Talanta</i> , 2014 , 125, 102-6	6.2	23
94	Removal of methylene blue from aqueous solutions using a solid residue of the apple juice industry: Full factorial design, equilibrium, thermodynamics and kinetics aspects. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129296	3.4	23
93	Adsorption of pharmaceuticals from biologically treated municipal wastewater using paper mill sludge-based activated carbon. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 13173-13184	5.1	22
92	Paper pulp-based adsorbents for the removal of pharmaceuticals from wastewater: A novel approach towards diversification. <i>Science of the Total Environment</i> , 2018 , 631-632, 1018-1028	10.2	22
91	Effect of natural aquatic humic substances on the photodegradation of estrone. <i>Chemosphere</i> , 2016 , 145, 249-55	8.4	22
90	Adsorption behavior of 17 β -ethynylestradiol onto soils followed by fluorescence spectral deconvolution. <i>Chemosphere</i> , 2011 , 84, 1072-8	8.4	22
89	Evaluation of the anthropogenic input of caffeine in surface waters of the north and center of Portugal by ELISA. <i>Science of the Total Environment</i> , 2014 , 479-480, 227-32	10.2	21
88	Adsorption of the antiepileptic carbamazepine onto agricultural soils. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 1597-603		20
87	Effect of the surface functionalization of a waste-derived activated carbon on pharmaceuticalsRadsorption from water. <i>Journal of Molecular Liquids</i> , 2020 , 299, 112098	6	20
86	Photosensitized Degradation of 17 β -estradiol and 17 β -ethynylestradiol: Role of Humic Substances Fractions. <i>Journal of Environmental Quality</i> , 2016 , 45, 693-700	3.4	20
85	Ecotoxicity of the antihistaminic drug cetirizine to <i>Ruditapes philippinarum</i> clams. <i>Science of the Total Environment</i> , 2017 , 601-602, 793-801	10.2	19
84	Toxicity associated to uptake and depuration of carbamazepine in the clam <i>Scrobicularia plana</i> under a chronic exposure. <i>Science of the Total Environment</i> , 2017 , 580, 1129-1145	10.2	19
83	Photodegradation behaviour of estriol: An insight on natural aquatic organic matter influence. <i>Chemosphere</i> , 2016 , 159, 545-551	8.4	19
82	Sorption behavior of EE2 on soils subjected to different long-term organic amendments. <i>Science of the Total Environment</i> , 2012 , 423, 120-4	10.2	19

81	Remoção dos hormônios 17 β -estradiol e 17 β -etinilestradiol de soluções aquosas empregando turfa decomposta como material adsorvente. <i>Quimica Nova</i> , 2011 , 34, 1526-1533	1.6	19
80	Simultaneous extraction and concentration of water pollution tracers using ionic-liquid-based systems. <i>Journal of Chromatography A</i> , 2018 , 1559, 69-77	4.5	18
79	Hediste diversicolor as bioindicator of pharmaceutical pollution: Results from single and combined exposure to carbamazepine and caffeine. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016 , 188, 30-8	3.2	18
78	Antibacterial activity of oxytetracycline photoproducts in marine aquaculture water. <i>Environmental Pollution</i> , 2017 , 220, 644-649	9.3	18
77	Fixed-bed performance of a waste-derived granular activated carbon for the removal of micropollutants from municipal wastewater. <i>Science of the Total Environment</i> , 2019 , 683, 699-708	10.2	17
76	Comparative adsorption evaluation of biochars from paper mill sludge with commercial activated carbon for the removal of fish anaesthetics from water in Recirculating Aquaculture Systems. <i>Aquacultural Engineering</i> , 2016 , 74, 76-83	3	17
75	Development of an ELISA procedure to study sorption of atrazine onto a sewage sludge-amended luvisol soil. <i>Talanta</i> , 2011 , 85, 1494-9	6.2	16
74	Structural considerations on the selectivity of an immunoassay for sulfamethoxazole. <i>Talanta</i> , 2016 , 158, 198-207	6.2	16
73	Application of pyrolysed agricultural biowastes as adsorbents for fish anaesthetic (MS-222) removal from water. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015 , 112, 313-324	6	15
72	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. <i>Aquatic Toxicology</i> , 2021 , 230, 105673	5.1	15
71	TiO ₂ @GO nanocomposite as an efficient catalyst to photodegrade formalin in aquaculture waters, under solar light. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 1018-1027	4.2	14
70	Removal of tricaine methanesulfonate from aquaculture wastewater by adsorption onto pyrolysed paper mill sludge. <i>Chemosphere</i> , 2017 , 168, 139-146	8.4	14
69	Effect of long term organic amendments on adsorption-desorption of thiram onto a luvisol soil derived from loess. <i>Chemosphere</i> , 2010 , 80, 293-300	8.4	14
68	Differences between Humic Substances from Riverine, Estuarine, and Marine Environments Observed by Fluorescence Spectroscopy. <i>Clean - Soil, Air, Water</i> , 2001 , 28, 359-363		14
67	Characterization and use of a lignin sample extracted from Eucalyptus grandis sawdust for the removal of methylene blue dye. <i>International Journal of Biological Macromolecules</i> , 2021 , 170, 375-389	7.9	14
66	Fixed-bed adsorption of Tricaine Methanesulfonate onto pyrolysed paper mill sludge. <i>Aquacultural Engineering</i> , 2017 , 77, 53-60	3	13
65	Nanomagnet-photosensitizer hybrid materials for the degradation of 17 β -estradiol in batch and flow modes. <i>Dyes and Pigments</i> , 2017 , 142, 535-543	4.6	13
64	Characterization of Brazilian Peat Samples by Applying a Multimethod Approach. <i>Spectroscopy Letters</i> , 2013 , 46, 201-210	1.1	13

63	Study of the effect of pH, salinity and DOC on fluorescence of synthetic mixtures of freshwater and marine salts. <i>Journal of Environmental Monitoring</i> , 1999 , 1, 251-4		13
62	Monitoring pharmaceuticals in the aquatic environment using enzyme-linked immunosorbent assay (ELISA)-a practical overview. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 3983-4008	4.4	12
61	Development and application of a capillary electrophoresis based method for the assessment of monosaccharide in soil using acid hydrolysis. <i>Talanta</i> , 2007 , 72, 165-71	6.2	12
60	Solid-phase extraction and capillary electrophoresis determination of phenols from soil after alkaline CuO oxidation. <i>Chemosphere</i> , 2007 , 69, 561-8	8.4	12
59	In situ functionalization of a cellulosic-based activated carbon with magnetic iron oxides for the removal of carbamazepine from wastewater. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 18314-18327	5.1	12
58	Isolation, characterization and valorization of lignin from <i>Pinus elliottii</i> sawdust as a low-cost biosorbent for zinc removal. <i>Cellulose</i> , 2019 , 26, 4895-4908	5.5	11
57	Photochemical transformation of zearalenone in aqueous solutions under simulated solar irradiation: Kinetics and influence of water constituents. <i>Chemosphere</i> , 2017 , 169, 146-154	8.4	11
56	Stable carbon isotope ratios of tandem fractionated humic substances from different water bodies. <i>Organic Geochemistry</i> , 2007 , 38, 957-966	3.1	11
55	Optimizing microwave-assisted production of waste-based activated carbons for the removal of antibiotics from water. <i>Science of the Total Environment</i> , 2021 , 752, 141662	10.2	11
54	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	5.1	10
53	Unfolding of cardosin A in organic solvents and detection of intermediaries. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 57, 115-122		10
52	Analysis of Non-Aromatic Organic Acids in Beer by CE and Direct Detection Mode with Diode Array Detection. <i>Chromatographia</i> , 2009 , 70, 1737-1742	2.1	10
51	Solar photodegradation of oxytetracycline in brackish aquaculture water: New insights about effects of Ca ²⁺ and Mg ²⁺ . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 372, 218-225	4.7	10
50	Occurrence of the antiepileptic carbamazepine in water and bivalves from marine environments: A review. <i>Environmental Toxicology and Pharmacology</i> , 2021 , 86, 103661	5.8	10
49	Biochar-TiO magnetic nanocomposites for photocatalytic solar-driven removal of antibiotics from aquaculture effluents. <i>Journal of Environmental Management</i> , 2021 , 294, 112937	7.9	10
48	Photodegradation of sulfadiazine in different aquatic environments - Evaluation of influencing factors. <i>Environmental Research</i> , 2020 , 188, 109730	7.9	9
47	Core-Shell Molecularly Imprinted Polymers on Magnetic Yeast for the Removal of Sulfamethoxazole from Water. <i>Polymers</i> , 2020 , 12,	4.5	9
46	Comparison between MEKC and UV spectral deconvolution to follow sorption experiment in soil. <i>Talanta</i> , 2010 , 81, 1489-93	6.2	9

45	Effects of doxorubicin administration on bone strength and quality in sedentary and physically active Wistar rats. <i>Osteoporosis International</i> , 2016 , 27, 3465-3475	5.3	9
44	Kinetics of the PO ₄ -P adsorption onto soils and sediments from the Mondego estuary (Portugal). <i>Marine Pollution Bulletin</i> , 2013 , 77, 361-6	6.7	8
43	Effects of thiol functionalization of a waste-derived activated carbon on the adsorption of sulfamethoxazole from water: Kinetic, equilibrium and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2021 , 323, 115003	6	8
42	Determination of estrone and 17 β -ethinylestradiol in digested sludge by ultrasonic liquid extraction and high-performance liquid chromatography with fluorescence detection. <i>Journal of Separation Science</i> , 2019 , 42, 1585-1592	3.4	7
41	Biochar in soil mitigates dimethoate hazard to soil pore water exposed biota. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123304	12.8	7
40	Introducing the concept of centergram. A new tool to squeeze data from separation techniques-mass spectrometry couplings. <i>Journal of Chromatography A</i> , 2014 , 1330, 89-96	4.5	7
39	Live reef fish displaying physiological evidence of cyanide poisoning are still traded in the EU marine aquarium industry. <i>Scientific Reports</i> , 2017 , 7, 6566	4.9	7
38	Development and application of a capillary electrophoresis method for the determination of ellagic acid in <i>E. globulus</i> wood and in filtrates from <i>E. globulus</i> kraft pulp. <i>Wood Science and Technology</i> , 2014 , 48, 99-108	2.5	7
37	Dynamically formed admicelle layer to control the amplitude of cathodic electroosmotic flow. <i>Journal of Chromatography A</i> , 2012 , 1256, 271-5	4.5	7
36	Studying the interaction between triazines and humic substances--a new approach using open tubular capillary electrochromatography. <i>Talanta</i> , 2011 , 84, 424-9	6.2	7
35	Effects of temperature on caffeine and carbon nanotubes co-exposure in <i>Ruditapes philippinarum</i> . <i>Chemosphere</i> , 2021 , 271, 129775	8.4	7
34	Determination of Three Estrogens in Environmental Water Samples Using Dispersive Liquid-Liquid Microextraction by High-Performance Liquid Chromatography and Fluorescence Detector. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	6
33	Noise normalisation in capillary electrophoresis using a diode array detector. <i>Journal of Separation Science</i> , 2011 , 34, 1703-7	3.4	6
32	Producing Magnetic Nanocomposites from Paper Sludge for the Adsorptive Removal of Pharmaceuticals from Water-A Fractional Factorial Design. <i>Nanomaterials</i> , 2021 , 11,	5.4	6
31	Soil properties, phosphorus fractions and sorption after wildfire in north-central Portugal. <i>Geoderma Regional</i> , 2015 , 5, 86-95	2.7	5
30	Development of an enzyme-linked immunosorbent assay for atrazine monitoring in water samples. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 3157-64	5.1	5
29	Immobilized humic substances and immobilized aggregates of humic substances as sorbent for solid phase extraction. <i>Journal of Chromatography A</i> , 2013 , 1306, 104-8	4.5	5
28	Application of MEKC to the monitoring of atrazine sorption behaviour on soils. <i>Journal of Separation Science</i> , 2009 , 32, 4241-6	3.4	5

27	Chemical composition of rainwater under two events of aerosol transport: A Saharan dust outbreak and wildfires. <i>Science of the Total Environment</i> , 2020 , 734, 139202	10.2	4
26	Does light-screening by humic substances completely explain their retardation effect on contaminants photo-degradation?. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 3015-3019	6.8	4
25	Oxolinic acid in aquaculture waters: Can natural attenuation through photodegradation decrease its concentration?. <i>Science of the Total Environment</i> , 2020 , 749, 141661	10.2	4
24	How temperature can alter the combined effects of carbon nanotubes and caffeine in the clam <i>Ruditapes decussatus</i> ?. <i>Environmental Research</i> , 2021 , 195, 110755	7.9	4
23	Sulfamethoxazole exposure to simulated solar radiation under continuous flow mode: Degradation and antibacterial activity. <i>Chemosphere</i> , 2020 , 238, 124613	8.4	4
22	Towards a model for aerosol removal by rain scavenging: The role of physical-chemical characteristics of raindrops. <i>Water Research</i> , 2021 , 190, 116758	12.5	4
21	Antimicrobial Photodynamic Activity of Cationic Nanoparticles Decorated with Glycosylated Photosensitizers for Water Disinfection. <i>ChemPhotoChem</i> , 2018 , 2, 596-605	3.3	4
20	Sustainable and recoverable waste-based magnetic nanocomposites used for the removal of pharmaceuticals from wastewater. <i>Chemical Engineering Journal</i> , 2021 , 426, 129974	14.7	4
19	ELISA as an effective tool to determine spatial and seasonal occurrence of emerging contaminants in the aquatic environment. <i>Analytical Methods</i> , 2020 , 12, 2517-2526	3.2	3
18	Impact of UASB reactors operation mode on the removal of estrone and 17 β -ethinylestradiol from wastewaters. <i>Science of the Total Environment</i> , 2021 , 764, 144291	10.2	3
17	Purification of pulp mill condensates by an adsorptive process on activated carbon. <i>Holzforchung</i> , 2019 , 73, 589-597	2	3
16	Solidified floating organic drop microextraction (SFODME) for the simultaneous analysis of three non-steroidal anti-inflammatory drugs in aqueous samples by HPLC. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 1851-1859	4.4	3
15	Fluorescence characterization of daily and intertidal changes in estuarine water DOM related to the presence of <i>Sarcocornia perennis</i> (L.) A.J. Scott. <i>Organic Geochemistry</i> , 2010 , 41, 734-741	3.1	2
14	Non-native states of cardosin A induced by acetonitrile: Activity modulation via polypeptide chains rearrangements. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 61, 274-278		2
13	Overview of relevant economic and environmental aspects of waste-based activated carbons aimed at adsorptive water treatments. <i>Journal of Cleaner Production</i> , 2022 , 344, 130984	10.3	2
12	Bleeding Evaluation of Different SPE Cartridges on Clean-Up of Atrazine From Aqueous Samples Containing Organic Matter. <i>Chromatographia</i> , 2011 , 74, 725-729	2.1	1
11	Robustness of the co-ion transfer ratio in capillary electrophoresis. <i>Journal of Separation Science</i> , 2009 , 32, 3007-12	3.4	1
10	Responses of <i>Ruditapes philippinarum</i> to contamination by pharmaceutical drugs under ocean acidification scenario.. <i>Science of the Total Environment</i> , 2022 , 153591	10.2	1

9	Metabolic and oxidative status alterations induced in <i>Ruditapes philippinarum</i> exposed chronically to estrogen 17 β ethinylestradiol under a warming scenario.. <i>Aquatic Toxicology</i> , 2022 , 244, 106078	5.1	1
8	Photodegradation of Aquaculture Antibiotics Using Carbon Dots-TiO Nanocomposites.. <i>Toxics</i> , 2021 , 9,	4.7	1
7	Interrelationships between major components of PM10 and sub-micron particles: Influence of Atlantic air masses. <i>Atmospheric Research</i> , 2018 , 212, 64-76	5.4	1
6	Multivariable optimization of activated carbon production from microwave pyrolysis of brewery wastes - Application in the removal of antibiotics from water.. <i>Journal of Hazardous Materials</i> , 2022 , 431, 128556	12.8	1
5	Salinity-dependent impacts on the effects of antiepileptic and antihistaminic drugs in <i>Ruditapes philippinarum</i> . <i>Science of the Total Environment</i> , 2022 , 806, 150369	10.2	0
4	Sulfadiazine β photodegradation using a novel magnetic and reusable carbon based photocatalyst: Photocatalytic efficiency and toxic impacts to marine bivalves.. <i>Journal of Environmental Management</i> , 2022 , 313, 115030	7.9	0
3	Effects of Carbamazepine in Bivalves: A Review. <i>Reviews of Environmental Contamination and Toxicology</i> , 2021 , 254, 163-181	3.5	
2	Impacts of climate change-abiotic factors on the effects caused by pharmaceutical residues to marine organisms 2021 , 591-624		
1	Green Separation Techniques for Omics PlatformsLiquid Chromatography and Capillary Electrophoresis 2021 , 627-644		