Valdemar I. Esteves

List of Publications by Year
in descending order

153 papers	5,527 citations	66315 42 h-index	106281 65 g-index
154 all docs	154 docs citations	154 times ranked	6880 citing authors

#	Article	IF	Citations
1	Psychiatric pharmaceuticals in the environment. Chemosphere, 2009, 77, 1257-1274.	4.2	328
2	Processes for the elimination of estrogenic steroid hormones from water: A review. Environmental Pollution, 2012, 165, 38-58.	3.7	265
3	Removal of diclofenac sodium from aqueous solution by Isabel grape bagasse. Chemical Engineering Journal, 2012, 192, 114-121.	6.6	194
4	Presence of the pharmaceutical drug carbamazepine in coastal systems: Effects on bivalves. Aquatic Toxicology, 2014, 156, 74-87.	1.9	140
5	Effects of organic and inorganic amendments on soil organic matter properties. Geoderma, 2009, 150, 38-45.	2.3	118
6	Photodegradation of psychiatric pharmaceuticals in aquatic environments â€“ Kinetics and photodegradation products. Water Research, 2011, 45, 6097-6106.	5.3	116
7	Adsorptive removal of pharmaceuticals from water by commercial and waste-based carbons. Journal of Environmental Management, 2015, 152, 83-90.	3.8	115
8	Direct photodegradation of carbamazepine followed by micellar electrokinetic chromatography and mass spectrometry. Water Research, 2011, 45, 1095-1104.	5.3	110
9	Development and application of a capillary electrophoresis based method for the simultaneous screening of six antibiotics in spiked milk samples. Talanta, 2007, 71, 731-737.	2.9	100
10	Recent advances on the development and application of magnetic activated carbon and char for the removal of pharmaceutical compounds from waters: A review. Science of the Total Environment, 2020, 718, 137272.	3.9	99
11	Production of adsorbents by pyrolysis of paper mill sludge and application on the removal of citalopram from water. Bioresource Technology, 2014, 166, 335-344.	4.8	92
12	Toward the Standardization of Biochar Analysis: The COST Action TD1107 Interlaboratory Comparison. Journal of Agricultural and Food Chemistry, 2016, 64, 513-527.	2.4	86
13	The impacts of pharmaceutical drugs under ocean acidification: New data on single and combined long-term effects of carbamazepine on Scrobicularia plana. Science of the Total Environment, 2016, 541, 977-985.	3.9	80
14	Caffeine impacts in the clam Ruditapes philippinarum: Alterations on energy reserves, metabolic activity and oxidative stress biomarkers. Chemosphere, 2016, 160, 95-103.	4.2	77
15	The effects of carbamazepine on macroinvertebrate species: Comparing bivalves and polychaetes biochemical responses. Water Research, 2015, 85, 137-147.	5.3	74
16	Physiological and biochemical alterations induced in the mussel Mytilus galloprovincialis after short and long-term exposure to carbamazepine. Water Research, 2017, 117, 102-114.	5.3	71
17	Application of an ELISA to the quantification of carbamazepine in ground, surface and wastewaters and validation with LCâ€“MS/MS. Chemosphere, 2011, 84, 1708-1715.	4.2	70
18	Using capillary electrophoresis for the determination of organic acids in Port wine. Analytica Chimica Acta, 2004, 513, 163-167.	2.6	69

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19	Use of formalin in intensive aquaculture: properties, application and effects on fish and water quality. Reviews in Aquaculture, 2018, 10, 281-295.	4.6	68
20	Waste-based alternative adsorbents for the remediation of pharmaceutical contaminated waters: Has a step forward already been taken?. Bioresource Technology, 2018, 250, 888-901.	4.8	67
21	Chronic toxicity of the antiepileptic carbamazepine on the clam Ruditapes philippinarum. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2015, 172-173, 26-35.	1.3	64
22	Comparative characterization of humic substances from the open ocean, estuarine water and fresh water. Organic Geochemistry, 2009, 40, 942-950.	0.9	63
23	Kinetics of Eucalypt Lignosulfonate Oxidation to Aromatic Aldehydes by Oxygen in Alkaline Medium. Industrial & Engineering Chemistry Research, 2011, 50, 291-298.	1.8	61
24	Photodegradation of sulfamethoxazole in environmental samples: The role of pH, organic matter and salinity. Science of the Total Environment, 2019, 648, 1403-1410.	3.9	60
25	Oxytetracycline in intensive aquaculture: water quality during and after its administration, environmental fate, toxicity and bacterial resistance. Reviews in Aquaculture, 2019, 11, 1176-1194.	4.6	59
26	BDE-209: Kinetic Studies and Effect of Humic Substances on Photodegradation in Water. Environmental Science & Technology, 2013, 47, 14010-14017.	4.6	55
27	Removal of fluoxetine from water by adsorbent materials produced from paper mill sludge. Journal of Colloid and Interface Science, 2015, 448, 32-40.	5.0	54
28	Photodegradation of organic pollutants in water by immobilized porphyrins and phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2016, 20, 150-166.	0.4	54
29	Influence of different organic amendments on the potential availability of metals from soil: A study on metal fractionation and extraction kinetics by EDTA. Chemosphere, 2010, 78, 389-396.	4.2	53
30	Long-term exposure to caffeine and carbamazepine: Impacts on the regenerative capacity of the polychaete Diopatra neapolitana. Chemosphere, 2016, 146, 565-573.	4.2	53
31	Sorptionâ^'Desorption Behavior of Atrazine on Soils Subjected to Different Organic Long-Term Amendments. Journal of Agricultural and Food Chemistry, 2010, 58, 3101-3106.	2.4	52
32	Development of ELISA methodologies for the direct determination of 17Î²-estradiol and 17Î±-ethinylestradiol in complex aqueous matrices. Journal of Environmental Management, 2013, 124, 121-127.	3.8	52
33	Toxic effects of the antihistamine cetirizine in mussel Mytilus galloprovincialis. Water Research, 2017, 114, 316-326.	5.3	52
34	Use of sunlight to degrade oxytetracycline in marine aquaculture's waters. Environmental Pollution, 2016, 213, 932-939.	3.7	51
35	Quantification of organic acids in beer by nuclear magnetic resonance (NMR)-based methods. Analytica Chimica Acta, 2010, 674, 166-175.	2.6	50
36	Elemental and spectral properties of peat and soil samples and their respective humic substances. Journal of Molecular Structure, 2010, 971, 33-38.	1.8	49

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37	Low cost methodology for estrogens monitoring in water samples using dispersive liquidâ€“liquid microextraction and HPLC with fluorescence detection. Talanta, 2013, 115, 980-985.	2.9	49
38	Removal of pharmaceuticals from municipal wastewater by adsorption onto pyrolyzed pulp mill sludge. Arabian Journal of Chemistry, 2019, 12, 3611-3620.	2.3	49
39	Production of highly efficient activated carbons from industrial wastes for the removal of pharmaceuticals from waterâ€”A full factorial design. Journal of Hazardous Materials, 2019, 370, 212-218.	6.5	48
40	One-step extraction and concentration of estrogens for an adequate monitoring of wastewater using ionic-liquid-based aqueous biphasic systems. Green Chemistry, 2015, 17, 2570-2579.	4.6	46
41	Heavy elements in the phosphorite from Kalaat Khasba mine (North-western Tunisia): Potential implications on the environment and human health. Journal of Hazardous Materials, 2010, 182, 232-245.	6.5	45
42	How life history influences the responses of the clam Scrobicularia plana to the combined impacts of carbamazepine and pH decrease. Environmental Pollution, 2015, 202, 205-214.	3.7	45
43	Single and multi-component adsorption of psychiatric pharmaceuticals onto alternative and commercial carbons. Journal of Environmental Management, 2017, 192, 15-24.	3.8	45
44	Adsorption of pharmaceuticals from biologically treated municipal wastewater using paper mill sludge-based activated carbon. Environmental Science and Pollution Research, 2019, 26, 13173-13184.	2.7	43
45	Obtaining granular activated carbon from paper mill sludge â€“ A challenge for application in the removal of pharmaceuticals from wastewater. Science of the Total Environment, 2019, 653, 393-400.	3.9	43
46	Characterization and use of a lignin sample extracted from Eucalyptus grandis sawdust for the removal of methylene blue dye. International Journal of Biological Macromolecules, 2021, 170, 375-389.	3.6	43
47	Biodegradation of 17Î²-estradiol by bacteria isolated from deep sea sediments in aerobic and anaerobic media. Journal of Hazardous Materials, 2017, 323, 359-366.	6.5	42
48	A one-year record of carbonaceous components and major ions in aerosols from an urban kerbside location in Oporto, Portugal. Science of the Total Environment, 2016, 562, 822-833.	3.9	41
49	Long-term exposure of polychaetes to caffeine: Biochemical alterations induced in Diopatra neapolitana and Arenicola marina. Environmental Pollution, 2016, 214, 456-463.	3.7	40
50	Comparative valorisation of agricultural and industrial biowastes by combustion and pyrolysis. Bioresource Technology, 2016, 218, 918-925.	4.8	40
51	Effects of carbamazepine and cetirizine under an ocean acidification scenario on the biochemical and transcriptome responses of the clam Ruditapes philippinarum. Environmental Pollution, 2018, 235, 857-868.	3.7	39
52	Removal of methylene blue from aqueous solutions using a solid residue of the apple juice industry: Full factorial design, equilibrium, thermodynamics and kinetics aspects. Journal of Molecular Structure, 2021, 1224, 129296.	1.8	37
53	Biochar-TiO2 magnetic nanocomposites for photocatalytic solar-driven removal of antibiotics from aquaculture effluents. Journal of Environmental Management, 2021, 294, 112937.	3.8	37
54	Fluorescence and DOC contents of estuarine pore waters from colonized and non-colonized sediments: Effects of sampling preservation. Chemosphere, 2007, 67, 211-220.	4.2	36

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55	Effects of single and combined exposure of pharmaceutical drugs (carbamazepine and cetirizine) and a metal (cadmium) on the biochemical responses of R. philippinarum. Aquatic Toxicology, 2018, 198, 10-19.	1.9	35
56	Occurrence of the antiepileptic carbamazepine in water and bivalves from marine environments: A review. Environmental Toxicology and Pharmacology, 2021, 86, 103661.	2.0	35
57	Optimization of phenolic compounds analysis by capillary electrophoresis. Talanta, 2007, 72, 1404-1409.	2.9	34
58	Degradation by Solar Radiation of Estrogenic Hormones Monitored by UVâ€“Visible Spectroscopy and Capillary Electrophoresis. Water, Air, and Soil Pollution, 2011, 215, 441-447.	1.1	33
59	Comparison of the toxicological impacts of carbamazepine and a mixture of its photodegradation products in Scrobicularia plana. Journal of Hazardous Materials, 2017, 323, 220-232.	6.5	33
60	Effect of natural aquatic humic substances on the photodegradation of estrone. Chemosphere, 2016, 145, 249-255.	4.2	31
61	Thermogravimetric properties of aquatic humic substances. Marine Chemistry, 1999, 63, 225-233.	0.9	28
62	Effect of the surface functionalization of a waste-derived activated carbon on pharmaceuticals' adsorption from water. Journal of Molecular Liquids, 2020, 299, 112098.	2.3	28
63	Monitoring pharmaceuticals in the aquatic environment using enzyme-linked immunosorbent assay (ELISA)â€”a practical overview. Analytical and Bioanalytical Chemistry, 2020, 412, 3983-4008.	1.9	28
64	Variation on the adsorption efficiency of humic substances from estuarine waters using XAD resins. Marine Chemistry, 1995, 51, 61-66.	0.9	27
65	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. Aquacultural Engineering, 2016, 74, 76-83.	1.4	27
66	Paper pulp-based adsorbents for the removal of pharmaceuticals from wastewater: A novel approach towards diversification. Science of the Total Environment, 2018, 631-632, 1018-1028.	3.9	27
67	Simultaneous extraction and concentration of water pollution tracers using ionic-liquid-based systems. Journal of Chromatography A, 2018, 1559, 69-77.	1.8	27
68	Photosensitized Degradation of 17Î²-estradiol and 17Î±-ethinylestradiol: Role of Humic Substances Fractions. Journal of Environmental Quality, 2016, 45, 693-700.	1.0	26
69	Hediste diversicolor as bioindicator of pharmaceutical pollution: Results from single and combined exposure to carbamazepine and caffeine. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 188, 30-38.	1.3	26
70	Optimizing microwave-assisted production of waste-based activated carbons for the removal of antibiotics from water. Science of the Total Environment, 2021, 752, 141662.	3.9	26
71	Humic substances' proton-binding equilibria: assessment of errors and limitations of potentiometric data. Analytica Chimica Acta, 1999, 392, 333-341.	2.6	25
72	Overview of relevant economic and environmental aspects of waste-based activated carbons aimed at adsorptive water treatments. Journal of Cleaner Production, 2022, 344, 130984.	4.6	25

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73	RemoÃ§Ã£o dos hormÃ´nios 17Î²-estradiol e 17Î±-etinilestradiol de soluÃ§Ãµes aquosas empregando turfa decomposta como material adsorvente. Quimica Nova, 2011, 34, 1526-1533.	0.3	24
74	Sorption behavior of EE2 on soils subjected to different long-term organic amendments. Science of the Total Environment, 2012, 423, 120-124.	3.9	24
75	Evaluation of the anthropogenic input of caffeine in surface waters of the north and center of Portugal by ELISA. Science of the Total Environment, 2014, 479-480, 227-232.	3.9	24
76	Ecotoxicity of the antihistaminic drug cetirizine to Ruditapes philippinarum clams. Science of the Total Environment, 2017, 601-602, 793-801.	3.9	24
77	Adsorption behavior of 17Î±-ethynylestradiol onto soils followed by fluorescence spectral deconvolution. Chemosphere, 2011, 84, 1072-1078.	4.2	23
78	Application of dispersive liquidâ€“liquid microextraction for estrogens×³ quantification by enzyme-linked immunosorbent assay. Talanta, 2014, 125, 102-106.	2.9	23
79	Photodegradation behaviour of estriol: An insight on natural aquatic organic matter influence. Chemosphere, 2016, 159, 545-551.	4.2	23
80	Toxicity associated to uptake and depuration of carbamazepine in the clam Scrobicularia plana under a chronic exposure. Science of the Total Environment, 2017, 580, 1129-1145.	3.9	23
81	TiO₂â€“rGO nanocomposite as an efficient catalyst to photodegrade formalin in aquaculture's waters, under solar light. Environmental Science: Water Research and Technology, 2020, 6, 1018-1027.	1.2	23
82	In situ functionalization of a cellulosic-based activated carbon with magnetic iron oxides for the removal of carbamazepine from wastewater. Environmental Science and Pollution Research, 2021, 28, 18314-18327.	2.7	23
83	Can ocean warming alter sub-lethal effects of antiepileptic and antihistaminic pharmaceuticals in marine bivalves?. Aquatic Toxicology, 2021, 230, 105673.	1.9	23
84	Adsorption of the antiepileptic carbamazepine onto agricultural soils. Journal of Environmental Monitoring, 2012, 14, 1597.	2.1	22
85	Antibacterial activity of oxytetracycline photoproducts in marine aquaculture's water. Environmental Pollution, 2017, 220, 644-649.	3.7	22
86	Fixed-bed performance of a waste-derived granular activated carbon for the removal of micropollutants from municipal wastewater. Science of the Total Environment, 2019, 683, 699-708.	3.9	22
87	Coreâ^'Shell Molecularly Imprinted Polymers on Magnetic Yeast for the Removal of Sulfamethoxazole from Water. Polymers, 2020, 12, 1385.	2.0	22
88	Structural considerations on the selectivity of an immunoassay for sulfamethoxazole. Talanta, 2016, 158, 198-207.	2.9	21
89	Photodegradation of sulfadiazine in different aquatic environments â€“ Evaluation of influencing factors. Environmental Research, 2020, 188, 109730.	3.7	21
90	Nanomagnet-photosensitizer hybrid materials for the degradation of 17Î²-estradiol in batch and flow modes. Dyes and Pigments, 2017, 142, 535-543.	2.0	20

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91	Effects of thiol functionalization of a waste-derived activated carbon on the adsorption of sulfamethoxazole from water: Kinetic, equilibrium and thermodynamic studies. Journal of Molecular Liquids, 2021, 323, 115003.	2.3	20
92	Removal of tricaine methanesulfonate from aquaculture wastewater by adsorption onto pyrolysed paper mill sludge. Chemosphere, 2017, 168, 139-146.	4.2	19
93	Study of the effect of pH, salinity and DOC on fluorescence of synthetic mixtures of freshwater and marine salts. Journal of Environmental Monitoring, 1999, 1, 251-254.	2.1	18
94	Development of an ELISA procedure to study sorption of atrazine onto a sewage sludge-amended luvisol soil. Talanta, 2011, 85, 1494-1499.	2.9	18
95	Multivariable optimization of activated carbon production from microwave pyrolysis of brewery wastes - Application in the removal of antibiotics from water. Journal of Hazardous Materials, 2022, 431, 128556.	6.5	18
96	Effect of long term organic amendments on adsorptionâ€“desorption of thiram onto a luvisol soil derived from loess. Chemosphere, 2010, 80, 293-300.	4.2	16
97	Application of pyrolysed agricultural biowastes as adsorbents for fish anaesthetic (MS-222) removal from water. Journal of Analytical and Applied Pyrolysis, 2015, 112, 313-324.	2.6	16
98	Photochemical transformation of zearalenone in aqueous solutions under simulated solar irradiation: Kinetics and influence of water constituents. Chemosphere, 2017, 169, 146-154.	4.2	16
99	Solar photodegradation of oxytetracycline in brackish aquaculture water: New insights about effects of Ca2+ and Mg2+. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 372, 218-225.	2.0	16
100	Differences between Humic Substances from Riverine, Estuarine, and Marine Environments Observed by Fluorescence Spectroscopy. Clean - Soil, Air, Water, 2001, 28, 359-363.	0.8	15
101	Fixed-bed adsorption of Tricaine Methanesulfonate onto pyrolysed paper mill sludge. Aquacultural Engineering, 2017, 77, 53-60.	1.4	15
102	Isolation, characterization and valorization of lignin from Pinus elliottii sawdust as a low-cost biosorbent for zinc removal. Cellulose, 2019, 26, 4895-4908.	2.4	15
103	Towards a model for aerosol removal by rain scavenging: The role of physical-chemical characteristics of raindrops. Water Research, 2021, 190, 116758.	5.3	15
104	Live reef fish displaying physiological evidence of cyanide poisoning are still traded in the EU marine aquarium industry. Scientific Reports, 2017, 7, 6566.	1.6	14
105	Effects of temperature on caffeine and carbon nanotubes co-exposure in Ruditapes philippinarum. Chemosphere, 2021, 271, 129775.	4.2	14
106	Development and application of a capillary electrophoresis based method for the assessment of monosaccharide in soil using acid hydrolysis. Talanta, 2007, 72, 165-171.	2.9	13
107	Characterization of Brazilian Peat Samples by Applying a Multimethod Approach. Spectroscopy Letters, 2013, 46, 201-210.	0.5	13
108	Salicylic acid determination in estuarine and riverine waters using hollow fiber liquid-phase microextraction and capillary zone electrophoresis. Environmental Science and Pollution Research, 2017, 24, 15748-15755.	2.7	13

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109	Producing Magnetic Nanocomposites from Paper Sludge for the Adsorptive Removal of Pharmaceuticals from Waterâ€"A Fractional Factorial Design. Nanomaterials, 2021, 11, 287.	1.9	13
110	Solid-phase extraction and capillary electrophoresis determination of phenols from soil after alkaline CuO oxidation. Chemosphere, 2007, 69, 561-568.	4.2	12
111	Determination of estrone and 17Î±â€ethinylestradiol in digested sludge by ultrasonic liquid extraction and highâ€performance liquid chromatography with fluorescence detection. Journal of Separation Science, 2019, 42, 1585-1592.	1.3	12
112	Chemical composition of rainwater under two events of aerosol transport: A Saharan dust outbreak and wildfires. Science of the Total Environment, 2020, 734, 139202.	3.9	12
113	Stable carbon isotope ratios of tandem fractionated humic substances from different water bodies. Organic Geochemistry, 2007, 38, 957-966.	0.9	11
114	Unfolding of cardosin A in organic solvents and detection of intermediaries. Journal of Molecular Catalysis B: Enzymatic, 2009, 57, 115-122.	1.8	11
115	Analysis of Non-Aromatic Organic Acids in Beer by CE and Direct Detection Mode with Diode Array Detection. Chromatographia, 2009, 70, 1737-1742.	0.7	11
116	Oxolinic acid in aquaculture waters: Can natural attenuation through photodegradation decrease its concentration?. Science of the Total Environment, 2020, 749, 141661.	3.9	11
117	Determination of Three Estrogens in Environmental Water Samples Using Dispersive Liquid-Liquid Microextraction by High-Performance Liquid Chromatography and Fluorescence Detector. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	11
118	Sustainable and recoverable waste-based magnetic nanocomposites used for the removal of pharmaceuticals from wastewater. Chemical Engineering Journal, 2021, 426, 129974.	6.6	11
119	Solidified floating organic drop microextraction (SFODME) for the simultaneous analysis of three non-steroidal anti-inflammatory drugs in aqueous samples by HPLC. Analytical and Bioanalytical Chemistry, 2021, 413, 1851-1859.	1.9	11
120	Comparison between MEKC and UV spectral deconvolution to follow sorption experiment in soil. Talanta, 2010, 81, 1489-1493.	2.9	10
121	Kinetics of the PO4-P adsorption onto soils and sediments from the Mondego estuary (Portugal). Marine Pollution Bulletin, 2013, 77, 361-366.	2.3	10
122	Soil properties, phosphorus fractions and sorption after wildfire in north-central Portugal. Geoderma Regional, 2015, 5, 86-95.	0.9	10
123	Effects of doxorubicin administration on bone strength and quality in sedentary and physically active Wistar rats. Osteoporosis International, 2016, 27, 3465-3475.	1.3	10
124	Biochar in soil mitigates dimethoate hazard to soil pore water exposed biota. Journal of Hazardous Materials, 2020, 400, 123304.	6.5	10
125	Sulfadiazine's photodegradation using a novel magnetic and reusable carbon based photocatalyst: Photocatalytic efficiency and toxic impacts to marine bivalves. Journal of Environmental Management, 2022, 313, 115030.	3.8	10
126	Development and application of a capillary electrophoresis method for the determination of ellagic acid in E. globulus wood and in filtrates from E. globulus kraft pulp. Wood Science and Technology, 2014, 48, 99-108.	1.4	9

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127	ELISA as an effective tool to determine spatial and seasonal occurrence of emerging contaminants in the aquatic environment. Analytical Methods, 2020, 12, 2517-2526.	1.3	8
128	Photodegradation of Aquaculture Antibiotics Using Carbon Dots-TiO2 Nanocomposites. Toxics, 2021, 9, 330.	1.6	8
129	Responses of Ruditapes philippinarum to contamination by pharmaceutical drugs under ocean acidification scenario. Science of the Total Environment, 2022, 824, 153591.	3.9	8
130	Metabolic and oxidative status alterations induced in Ruditapes philippinarum exposed chronically to estrogen 17Î±-ethinylestradiol under a warming scenario. Aquatic Toxicology, 2022, 244, 106078.	1.9	8
131	Studying the interaction between triazines and humic substancesâ€"A new approach using open tubular capillary eletrochromatography. Talanta, 2011, 84, 424-429.	2.9	7
132	Dynamically formed admicelle layer to control the amplitude of cathodic electroosmotic flow. Journal of Chromatography A, 2012, 1256, 271-275.	1.8	7
133	Immobilized humic substances and immobilized aggregates of humic substances as sorbent for solid phase extraction. Journal of Chromatography A, 2013, 1306, 104-108.	1.8	7
134	Introducing the concept of centergram. A new tool to squeeze data from separation techniquesâ€"mass spectrometry couplings. Journal of Chromatography A, 2014, 1330, 89-96.	1.8	7
135	Sulfamethoxazole exposure to simulated solar radiation under continuous flow mode: Degradation and antibacterial activity. Chemosphere, 2020, 238, 124613.	4.2	7
136	How temperature can alter the combined effects of carbon nanotubes and caffeine in the clam Ruditapes decussatus?. Environmental Research, 2021, 195, 110755.	3.7	7
137	Salinity-dependent impacts on the effects of antiepileptic and antihistaminic drugs in Ruditapes philippinarum. Science of the Total Environment, 2022, 806, 150369.	3.9	7
138	Application of MEKC to the monitoring of atrazine sorption behaviour on soils. Journal of Separation Science, 2009, 32, 4241-4246.	1.3	6
139	Noise normalisation in capillary electrophoresis using a diode array detector. Journal of Separation Science, 2011, 34, 1703-1707.	1.3	6
140	Development of an enzyme-linked immunosorbent assay for atrazine monitoring in water samples. Environmental Science and Pollution Research, 2013, 20, 3157-3164.	2.7	5
141	Does light-screening by humic substances completely explain their retardation effect on contaminants photo-degradation?. Journal of Environmental Chemical Engineering, 2015, 3, 3015-3019.	3.3	5
142	Antimicrobial Photodynamic Activity of Cationic Nanoparticles Decorated with Glycosylated Photosensitizers for Water Disinfection. ChemPhotoChem, 2018, 2, 596-605.	1.5	5
143	Impact of UASB reactors operation mode on the removal of estrone and 17Î±-ethinylestradiol from wastewaters. Science of the Total Environment, 2021, 764, 144291.	3.9	5
144	Interrelationships between major components of PM10 and sub-micron particles: Influence of Atlantic air masses. Atmospheric Research, 2018, 212, 64-76.	1.8	3

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145	Purification of pulp mill condensates by an adsorptive process on activated carbon. Holzforschung, 2019, 73, 589-597.	0.9	3
146	Non-native states of cardosin A induced by acetonitrile: Activity modulation via polypeptide chains rearrangements. Journal of Molecular Catalysis B: Enzymatic, 2009, 61, 274-278.	1.8	2
147	Fluorescence characterization of daily and intertidal changes in estuarine water DOM related to the presence of Sarcocornia perennis (L.) A.J. Scott. Organic Geochemistry, 2010, 41, 734-741.	0.9	2
148	Estrogens in wastewaters: Can different operating conditions improve their removal in anaerobic conditions?. Water and Environment Journal, 2022, 36, 399-411.	1.0	2
149	Robustness of the coâ€ion transfer ratio in capillary electrophoresis. Journal of Separation Science, 2009, 32, 3007-3012.	1.3	1
150	Bleeding Evaluation of Different SPE Cartridges on Clean-Up of Atrazine From Aqueous Samples Containing Organic Matter. Chromatographia, 2011, 74, 725-729.	0.7	1
151	Impacts of climate change-abiotic factors on the effects caused by pharmaceutical residues to marine organisms. , 2021, , 591-624.		1
152	Effects of Carbamazepine in Bivalves: A Review. Reviews of Environmental Contamination and Toxicology, 2020, 254, 163-181.	0.7	0
153	Green Separation Techniques for Omics Platformsâ€"Liquid Chromatography and Capillary Electrophoresis. , 2021, , 627-644.		0