HÃ©lÃ¨ne Budzinski

List of Publications by Year
in descending order

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309	17,353	14614	23472
papers	citations	66 h-index	111 g-index

314	314	314	15354
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of sediment contamination by polycyclic aromatic hydrocarbons in the Gironde estuary. Marine Chemistry, 1997, 58, 85-97.	0.9	994
2	Polycyclic aromatic hydrocarbons in sediments and mussels of the western Mediterranean sea. Environmental Toxicology and Chemistry, 1998, 17, 765-776.	2.2	594
3	Origin and Bioavailability of PAHs in the Mediterranean Sea from Mussel and Sediment Records. Estuarine, Coastal and Shelf Science, 1998, 47, 77-90.	0.9	494
4	Concentrations of PAHs (polycyclic aromatic hydrocarbons) in various marine organisms in relation to those in sediments and to trophic level. Marine Pollution Bulletin, 1998, 36, 951-960.	2.3	347
5	Polycyclic aromatic hydrocarbons (PAHs), nitrated PAHs and oxygenated PAHs in ambient air of the Marseilles area (South of France): Concentrations and sources. Science of the Total Environment, 2007, 384, 280-292.	3.9	309
6	Multi-residue analysis of pharmaceutical compounds in aqueous samples. Journal of Chromatography A, 2008, 1177, 150-158.	1.8	306
7	Consequences of Treated Water Recycling as Regards Pharmaceuticals and Drugs in Surface and Ground Waters of a Medium-sized Mediterranean Catchment. Environmental Science & Technology, 2006, 40, 5282-5288.	4.6	299
8	Polycyclic aromatic hydrocarbons in recent sediments and mussels (Mytilus edulis) from the Western Baltic Sea: occurrence, bioavailability and seasonal variations. Marine Environmental Research, 1999, 47, 17-47.	1.1	275
9	Distribution and sources of polycyclic aromatic hydrocarbons in some Mediterranean coastal sediments. Marine Pollution Bulletin, 1997, 34, 298-305.	2.3	236
10	Comparative Sublethal Toxicity of Nine Pesticides on Olfactory Learning Performances of the Honeybee Apis mellifera. Archives of Environmental Contamination and Toxicology, 2005, 48, 242-250.	2.1	226
11	Polycyclic aromatic hydrocarbon (PAH) burden of mussels (Mytilus sp.) in different marine environments in relation with sediment PAH contamination, and bioavailability. Marine Environmental Research, 1999, 47, 415-439.	1.1	212
12	Enzymatic biomarker measurement and study of DNA adduct formation in benzo[a]pyrene-contaminated mussels, Mytilus galloprovincialis. Aquatic Toxicology, 2000, 49, 269-287.	1.9	188
13	Evidence for a Complex Relationship between Antibiotics and Antibiotic-Resistant <i>Escherichia Coli</i>: From Medical Center Patients to a Receiving Environment. Environmental Science & Technology, 2012, 46, 1859-1868.	4.6	183
14	Determination of Steroidal Hormone Profiles along the Jalle d'Eysines River (near Bordeaux, France). Environmental Science & Technology, 2005, 39, 5113-5120.	4.6	176
15	Toxicities of 48 pharmaceuticals and their freshwater and marine environmental assessment in northwestern France. Environmental Science and Pollution Research, 2016, 23, 4992-5001.	2.7	174
16	Occurrence and Removal of Organic Micropollutants in Landfill Leachates Treated by Electrochemical Advanced Oxidation Processes. Environmental Science & Technology, 2015, 49, 12187-12196.	4.6	167
17	Relative rate constants for the heterogeneous reactions of NO2 and OH radicals with polycyclic aromatic hydrocarbons adsorbed on carbonaceous particles. Part 2: PAHs adsorbed on diesel particulate exhaust SRM 1650a. Atmospheric Environment, 2006, 40, 201-211.	1.9	158
18	PAHs in Arcachon Bay, France: Origin and biomonitoring with caged organisms. Marine Pollution Bulletin, 1998, 36, 577-586.	2.3	156

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19	Development of Polar Organic Integrative Samplers for Analysis of Pharmaceuticals in Aquatic Systems. Analytical Chemistry, 2007, 79, 6734-6741.	3.2	150
20	Kinetic Study of the Reactions of Ozone with Polycyclic Aromatic Hydrocarbons Adsorbed on Atmospheric Model Particles. Journal of Atmospheric Chemistry, 2006, 56, 57-82.	1.4	146
21	Biomonitoring in a clean and a multi-contaminated estuary based on biomarkers and chemical analyses in the endobenthic worm Nereis diversicolor. Environmental Pollution, 2007, 148, 445-458.	3.7	138
22	Reactivity of polycyclic aromatic compounds (PAHs, NPAHs and OPAHs) adsorbed on natural aerosol particles exposed to atmospheric oxidants. Atmospheric Environment, 2012, 61, 15-22.	1.9	134
23	Simultaneous analysis of oxygenated and nitrated polycyclic aromatic hydrocarbons on standard reference material 1649a (urban dust) and on natural ambient air samples by gas chromatographyâ€“mass spectrometry with negative ion chemical ionisation. Journal of Chromatography A, 2006, 1121, 106-113.	1.8	130
24	<scp>RAD</scp> sequencing reveals withinâ€generation polygenic selection in response to anthropogenic organic and metal contamination in North Atlantic Eels. Molecular Ecology, 2016, 25, 219-237.	2.0	127
25	Evidence of genotoxicity related to high PAH content of sediments in the upper part of the Seine estuary (Normandy, France). Aquatic Toxicology, 2006, 79, 257-267.	1.9	126
26	Diurnal/nocturnal concentrations and sources of particulate-bound PAHs, OPAHs and NPAHs at traffic and suburban sites in the region of Paris (France). Science of the Total Environment, 2012, 437, 297-305.	3.9	125
27	Absence of stable carbon isotope fractionation of saturated and polycyclic aromatic hydrocarbons during aerobic bacterial biodegradation. Organic Geochemistry, 2002, 33, 1259-1272.	0.9	115
28	Relative rate constants for the heterogeneous reactions of OH, NO2 and NO radicals with polycyclic aromatic hydrocarbons adsorbed on carbonaceous particles. Part 1: PAHs adsorbed on 1â€“2Ï¼m calibrated graphite particles. Atmospheric Environment, 2004, 38, 6063-6072.	1.9	115
29	Chemical and biological analysis of endocrineâ€disrupting hormones and estrogenic activity in an advanced sewage treatment plant. Environmental Toxicology and Chemistry, 2008, 27, 1649-1658.	2.2	111
30	Identification of Synthetic Steroids in River Water Downstream from Pharmaceutical Manufacture Discharges Based on a Bioanalytical Approach and Passive Sampling. Environmental Science & Technology, 2014, 48, 3649-3657.	4.6	111
31	Pharmaceuticals, alkylphenols and pesticides in Mediterranean coastal waters: Results from a pilot survey using passive samplers. Estuarine, Coastal and Shelf Science, 2012, 114, 82-92.	0.9	106
32	Pyrolytic and Petrogenic Inputs in Recent Sediments: A Definitive Signature Through Phenanthrene and Chrysene Compound Distribution. Polycyclic Aromatic Compounds, 1995, 7, 275-284.	1.4	104
33	Ancient polycyclic aromatic hydrocarbons in modern soils: 13C, 14C and biomarker evidence. Organic Geochemistry, 1997, 26, 353-359.	0.9	104
34	Occurrence of pharmaceutical compounds and pesticides in aquatic systems. Marine Pollution Bulletin, 2015, 96, 384-400.	2.3	104
35	Grain-Size Distribution of Polychlorobiphenyls in Coastal Sediments. Environmental Science & Technology, 1996, 30, 2776-2783.	4.6	101
36	Spatial distribution and partitioning behavior of selected poly- and perfluoroalkyl substances in freshwater ecosystems: A French nationwide survey. Science of the Total Environment, 2015, 517, 48-56.	3.9	100

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37	Environmental Occurrence of Perfluoroalkyl Acids and Novel Fluorotelomer Surfactants in the Freshwater Fish Catostomus commersonii and Sediments Following Firefighting Foam Deployment at the Lac-MÃ©gantic Railway Accident. Environmental Science & Technology, 2017, 51, 1231-1240.	4.6	97
38	One-year monitoring survey of organic compounds (PAHs, PCBs, TBT), heavy metals and biomarkers in blue mussels from the Arcachon Bay, France. Journal of Environmental Monitoring, 2005, 7, 224.	2.1	94
39	Embryotoxic and genotoxic effects of heavy metals and pesticides on early life stages of Pacific oyster (Crassostrea gigas). Marine Pollution Bulletin, 2012, 64, 2663-2670.	2.3	94
40	Occurrence survey and spatial distribution of perfluoroalkyl and polyfluoroalkyl surfactants in groundwater, surface water, and sediments from tropical environments. Science of the Total Environment, 2017, 607-608, 243-252.	3.9	93
41	Ultra-trace analysis of hormones, pharmaceutical substances, alkylphenols and phthalates in two French natural mineral waters. Science of the Total Environment, 2013, 443, 621-632.	3.9	92
42	Position paper on passive sampling techniques for the monitoring of contaminants in the aquatic environment â€“ Achievements to date and perspectives. Trends in Environmental Analytical Chemistry, 2015, 8, 20-26.	5.3	92
43	Identification and quantification of ozonation products of anthracene and phenanthrene adsorbed on silica particles. Atmospheric Environment, 2007, 41, 6005-6017.	1.9	91
44	Analytical development for analysis of pharmaceuticals in water samples by SPE and GCâ€“MS. Analytical and Bioanalytical Chemistry, 2007, 388, 627-635.	1.9	91
45	Corticosterone, prolactin and egg neglect behavior in relation to mercury and legacy POPs in a long-lived Antarctic bird. Science of the Total Environment, 2015, 505, 180-188.	3.9	91
46	Evidence for the Trophic Transfer of Perfluoroalkylated Substances in a Temperate Macrotidal Estuary. Environmental Science & Technology, 2017, 51, 8450-8459.	4.6	91
47	Demographic consequences of heavy metals and persistent organic pollutants in a vulnerable long-lived bird, the wandering albatross. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133313.	1.2	88
48	Optimisation of the microwave-assisted extraction in open cell of polycyclic aromatic hydrocarbons from soils and sediments. Journal of Chromatography A, 1999, 837, 187-200.	1.8	87
49	Caged Gammarus fossarum (Crustacea) as a robust tool for the characterization of bioavailable contamination levels in continental waters: Towards the determination of threshold values. Water Research, 2013, 47, 650-660.	5.3	87
50	The strength in numbers: comprehensive characterization of house dust using complementary mass spectrometric techniques. Analytical and Bioanalytical Chemistry, 2019, 411, 1957-1977.	1.9	84
51	Genotoxicant accumulation and cellular defence activation in bivalves chronically exposed to waterborne contaminants from the Seine River. Aquatic Toxicology, 2006, 79, 65-77.	1.9	83
52	Aerobic biodegradation of alkylated aromatic hydrocarbons by a bacterial community. Organic Geochemistry, 1998, 28, 337-348.	0.9	82
53	Genotoxic and immunotoxic potential effects of selected psychotropic drugs and antibiotics on blue mussel (Mytilus edulis) hemocytes. Environmental Pollution, 2015, 202, 177-186.	3.7	82
54	Analysis of zwitterionic, cationic, and anionic poly- and perfluoroalkyl surfactants in sediments by liquid chromatography polarity-switching electrospray ionization coupled to high resolution mass spectrometry. Talanta, 2016, 152, 447-456.	2.9	82

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55	Virological, intracellular and plasma pharmacological parameters predicting response to lopinavir/ritonavir (KALEPHAR Study). Aids, 2004, 18, 1305-1310.	1.0	79
56	Particle size distribution of nitrated and oxygenated polycyclic aromatic hydrocarbons (NPAHs and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 and Physics, 2012, 12, 8877-8887.	1.9	78
57	Stilbene Production byVitis viniferaCell Suspension Cultures: Methyl Jasmonate Induction and13C Biolabeling. Journal of Natural Products, 1999, 62, 1688-1690.	1.5	77
58	Molecular diversity studies of bacterial communities of oil polluted microbial mats from the Etang de Berre (France). FEMS Microbiology Ecology, 2006, 58, 550-562.	1.3	77
59	Assessment of the bioavailability and toxicity of sediment-associated polycyclic aromatic hydrocarbons and heavy metals applied to Crassostrea gigas embryos and larvae. Marine Pollution Bulletin, 2003, 46, 481-490.	2.3	76
60	Distribution and ecological risk of polychlorinated biphenyls (PCBs) and organochlorine pesticides (OCPs) in surface sediments from the Bizerte lagoon, Tunisia. Environmental Science and Pollution Research, 2014, 21, 6290-6302.	2.7	76
61	Pharmaceuticals in Rivers of Two Regions with Contrasted Socio-Economic Conditions: Occurrence, Accumulation, and Comparison for Ukraine and France. Water, Air, and Soil Pollution, 2012, 223, 2111-2124.	1.1	75
62	Wandering Albatrosses Document Latitudinal Variations in the Transfer of Persistent Organic Pollutants and Mercury to Southern Ocean Predators. Environmental Science & Technology, 2014, 48, 14746-14755.	4.6	73
63	Per- and poly-fluoroalkyl compounds in freshwater fish from the RhÃ´ne River: Influence of fish size, diet, prey contamination and biotransformation. Science of the Total Environment, 2017, 605-606, 38-47.	3.9	73
64	Environmental concentrations of irgarol, diuron and S-metolachlor induce deleterious effects on gametes and embryos of the Pacific oyster, Crassostrea gigas. Marine Environmental Research, 2013, 89, 1-8.	1.1	72
65	Methane Generation from Oil Cracking: Kinetics of 9-Methylphenanthrene Cracking and Comparison with Other Pure Compounds and Oil Fractions. Energy & Fuels, 1999, 13, 471-481.	2.5	70
66	Study of genetic damage in the Japanese oyster induced by an environmentally-relevant exposure to diuron: Evidence of vertical transmission of DNA damage. Aquatic Toxicology, 2014, 146, 93-104.	1.9	68
67	Polychlorinated biphenyls (PCBs) and Polybrominated Diphenyl Ethers (PBDEs) in surface sediments from Monastir Bay (Tunisia, Central Mediterranean): Occurrence, distribution and seasonal variations. Chemosphere, 2013, 93, 487-493.	4.2	67
68	Effect-directed analysis of endocrine-disrupting compounds in multi-contaminated sediment: identification of novel ligands of estrogen and pregnane X receptors. Analytical and Bioanalytical Chemistry, 2013, 405, 2553-2566.	1.9	66
69	Influence of oil exposure on the physiology and ecology of the common soleSolea solea: Experimental and field approaches. Aquatic Living Resources, 2004, 17, 335-351.	0.5	65
70	Development of an analytical procedure for determination of selected estrogens and progestagens in water samples. Analytical and Bioanalytical Chemistry, 2005, 381, 1199-1205.	1.9	64
71	Use of Mixed-Mode Ion Exchange Sorbent for the Passive Sampling of Organic Acids by Polar Organic Chemical Integrative Sampler (POCIS). Environmental Science & Technology, 2012, 46, 13344-13353.	4.6	63
72	Occurrence of priority and emerging organic compounds in fishes from the Rhone River (France). Analytical and Bioanalytical Chemistry, 2012, 404, 2721-2735.	1.9	63

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73	Polycyclic aromatic hydrocarbons (PAHs) in surface sediments from the Bizerte Lagoon, Tunisia: levels, sources, and toxicological significance. Environmental Monitoring and Assessment, 2014, 186, 2653-2669.	1.3	63
74	Long-term disruption of growth, reproduction, and behavior after embryonic exposure of zebrafish to PAH-spiked sediment. Environmental Science and Pollution Research, 2014, 21, 13877-13887.	2.7	62
75	Analytical procedure for the analysis of PAHs in biological tissues by gas chromatography coupled to mass spectrometry: application to mussels. Fresenius' Journal of Analytical Chemistry, 1997, 359, 502-509.	1.5	61
76	Thermal Stability of Alkylaromatics in Natural Systems: Kinetics of Thermal Decomposition of Dodecylbenzene. Energy & Fuels, 2002, 16, 831-841.	2.5	61
77	POPs in free-ranging pilot whales, sperm whales and fin whales from the Mediterranean Sea: Influence of biological and ecological factors. Environmental Research, 2015, 142, 185-196.	3.7	61
78	Influence of Environmental Factors on the Fate of Legacy and Emerging Per- and Polyfluoroalkyl Substances along the Salinity/Turbidity Gradient of a Macrotidal Estuary. Environmental Science & Technology, 2017, 51, 12347-12357.	4.6	61
79	Speciation analysis for organotin compounds in sediments by capillary gas chromatography with flame photometric detection after microwave-assisted acid leaching. Analyst, The, 1995, 120, 2665-2673.	1.7	60
80	Measurement of environmental pollutants using passive sampling devices â€“ an updated commentary on the current state of the art. Environmental Sciences: Processes and Impacts, 2014, 16, 369-373.	1.7	60
81	Influence of seep emission on the non-symbiont-bearing fauna and vagrant species at an active giant pockmark in the Gulf of Guinea (Congoâ€“Angola margin). Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 2380-2393.	0.6	59
82	Evaluation of an hPXR reporter gene assay for the detection of aquatic emerging pollutants: screening of chemicals and application to water samples. Analytical and Bioanalytical Chemistry, 2010, 396, 569-583.	1.9	59
83	Developmental toxicity of PAH mixtures in fish early life stages. Part II: adverse effects in Japanese medaka. Environmental Science and Pollution Research, 2014, 21, 13732-13743.	2.7	59
84	Development of an adapted version of polar organic chemical integrative samplers (POCIS-Nylon). Analytical and Bioanalytical Chemistry, 2014, 406, 1099-1110.	1.9	58
85	Simultaneous determination of the antiretroviral agents: amprenavir, lopinavir, ritonavir, saquinavir and efavirenz in human peripheral blood mononuclear cells by high-performance liquid chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 813, 209-216.	1.2	57
86	New challenges in environmental analytical chemistry: Identification of toxic compounds in complex mixtures. Comptes Rendus Chimie, 2011, 14, 766-779.	0.2	57
87	Occurrence and fate of relevant substances in wastewater treatment plants regarding Water Framework Directive and future legislations. Water Science and Technology, 2012, 65, 1179-1189.	1.2	57
88	Changes in Enterococcal Populations and Related Antibiotic Resistance along a Medical Center-Wastewater Treatment Plant-River Continuum. Applied and Environmental Microbiology, 2013, 79, 2428-2434.	1.4	57
89	Polycyclic aromatic hydrocarbon 13C/12C ratio measurement in petroleum and marine sediments. Journal of Chromatography A, 2001, 923, 165-176.	1.8	56
90	First interlaboratory exercise on non-steroidal anti-inflammatory drugs analysis in environmental samples. Talanta, 2008, 76, 580-590.	2.9	56

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91	ASE extraction method for simultaneous carbon and nitrogen stable isotope analysis in soft tissues of aquatic organisms. Analytica Chimica Acta, 2009, 643, 54-60.	2.6	56
92	Toxicity assessment of water-accommodated fractions from two different oils using a zebrafish (Danio rerio) embryo-larval bioassay with a multilevel approach. Science of the Total Environment, 2016, 568, 952-966.	3.9	56
93	PBDE and PCB contamination of eels from the Gironde estuary: From glass eels to silver eels. Chemosphere, 2011, 83, 175-185.	4.2	55
94	On-site evaluation of the removal of 100 micro-pollutants through advanced wastewater treatment processes for reuse applications. Water Science and Technology, 2011, 63, 2486-2497.	1.2	55
95	Oxidative stress in relation to reproduction, contaminants, gender and age in a long-lived seabird. Oecologia, 2014, 175, 1107-1116.	0.9	55
96	Psychotropic drugs in mixture alter swimming behaviour of Japanese medaka (Oryzias latipes) larvae above environmental concentrations. Environmental Science and Pollution Research, 2016, 23, 4964-4977.	2.7	55
97	Drinking water quality in areas impacted by oil activities in Ecuador: Associated health risks and social perception of human exposure. Science of the Total Environment, 2019, 690, 1203-1217.	3.9	55
98	On-site evaluation of the efficiency of conventional and advanced secondary processes for the removal of 60 organic micropollutants. Water Science and Technology, 2010, 62, 2970-2978.	1.2	54
99	Limiting the emissions of micro-pollutants: what efficiency can we expect from wastewater treatment plants?. Water Science and Technology, 2011, 63, 57-65.	1.2	54
100	Isolation and characterization of a marine bacterium capable of utilizing 2-methylphenanthrene. Applied Microbiology and Biotechnology, 1997, 48, 528-533.	1.7	52
101	Comparative toxicity and hazards of pesticides toApisand non-Apisbees. A chemometrical study. SAR and QSAR in Environmental Research, 2003, 14, 389-403.	1.0	52
102	Kinetic study of the reactions of NO2 with polycyclic aromatic hydrocarbons adsorbed on silica particles. Atmospheric Environment, 2005, 39, 6557-6567.	1.9	52
103	Occurrence of Pesticide Residues in Lebanonâ€™s Water Resources. Bulletin of Environmental Contamination and Toxicology, 2013, 91, 503-509.	1.3	52
104	Occurrence of androgens in sewage treatment plants influents is associated with antagonist activities on other steroid receptors. Water Research, 2012, 46, 1912-1922.	5.3	51
105	Comparative study of different exposure routes on the biotransformation and genotoxicity of PAHs in the flatfish species, Scophthalmus maximus. Environmental Science and Pollution Research, 2013, 20, 690-707.	2.7	51
106	Assessment of pollution in the Bizerte lagoon (Tunisia) by the combined use of chemical and biochemical markers in mussels, Mytilus galloprovincialis. Marine Pollution Bulletin, 2014, 84, 379-390.	2.3	51
107	Optimization by factorial design of focused microwave assisted extraction of polycyclic aromatic hydrocarbons from marine sediment. Fresenius' Journal of Analytical Chemistry, 1999, 364, 228-237.	1.5	50
108	Assessment of sediment contamination by spermiotoxicity and embryotoxicity bioassays with sea urchins (Paracentrotus lividus) and oysters (Crassostrea gigas). Environmental Toxicology and Chemistry, 2001, 20, 1605-1611.	2.2	50

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109	Quantitative on-line preconcentration-liquid chromatography coupled with tandem mass spectrometry method for the determination of pharmaceutical compounds in water. Analytica Chimica Acta, 2013, 805, 107-115.	2.6	50
110	An interlaboratory study on passive sampling of emerging water pollutants. TrAC - Trends in Analytical Chemistry, 2016, 76, 153-165.	5.8	50
111	Chronic dietary exposure to pyrolytic and petrogenic mixtures of PAHs causes physiological disruption in zebrafishâ€"part II: behavior. Environmental Science and Pollution Research, 2014, 21, 13818-13832.	2.7	49
112	Effects of water accommodated fractions of crude oils and diesel on a suite of biomarkers in Atlantic cod (Gadus morhua). Aquatic Toxicology, 2014, 154, 240-252.	1.9	49
113	Characterization of Toxic Effects of Sediment-Associated Organic Pollutants Using the Î» Transgenic Medaka. Environmental Science & Technology, 2007, 41, 7830-7836.	4.6	48
114	Bioaccumulation of perfluoroalkyl compounds in midge (Chironomus riparius) larvae exposed to sediment. Environmental Pollution, 2014, 189, 27-34.	3.7	48
115	From Antarctica to the subtropics: Contrasted geographical concentrations of selenium, mercury, and persistent organic pollutants in skua chicks (Catharacta spp.). Environmental Pollution, 2017, 228, 464-473.	3.7	48
116	Quality survey of natural mineral water and spring water sold in France: Monitoring of hormones, pharmaceuticals, pesticides, perfluoroalkyl substances, phthalates, and alkylphenols at the ultra-trace level. Science of the Total Environment, 2017, 603-604, 651-662.	3.9	48
117	Photodegradation of sulfamethazine, sulfamethoxypiridazine, amitriptyline, and clomipramine drugs in aqueous media. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 336, 176-182.	2.0	48
118	Analysis of hormonal steroids in fish plasma and bile by coupling solid-phase extraction to GC/MS. Analytical and Bioanalytical Chemistry, 2006, 386, 1429-1439.	1.9	47
119	Fast and efficient extraction methods for the analysis of polychlorinated biphenyls and polybrominated diphenyl ethers in biological matrices. Analytical and Bioanalytical Chemistry, 2008, 391, 2169-2177.	1.9	47
120	Combined effects of pollutants and salinity on embryo-larval development of the Pacific oyster, Crassostrea gigas. Marine Environmental Research, 2016, 113, 31-38.	1.1	47
121	Impact of Lebanese practices in industry, agriculture and urbanization on soil toxicity. Evaluation of the Polycyclic Aromatic Hydrocarbons (PAHs) levels in soil. Chemosphere, 2018, 210, 85-92.	4.2	47
122	Investigation of the spatial variability of poly- and perfluoroalkyl substance trophic magnification in selected riverine ecosystems. Science of the Total Environment, 2019, 686, 393-401.	3.9	46
123	Temporal variations of perfluoroalkyl substances partitioning between surface water, suspended sediment, and biota in a macrotidal estuary. Chemosphere, 2019, 233, 319-326.	4.2	46
124	Second interlaboratory exercise on non-steroidal anti-inflammatory drug analysis in environmental aqueous samples. Talanta, 2010, 81, 1189-1196.	2.9	45
125	Biomagnification of perfluoroalkyl acids (PFAAs) in the food web of an urban river: assessment of the trophic transfer of targeted and unknown precursors and implications. Environmental Sciences: Processes and Impacts, 2019, 21, 1864-1874.	1.7	45
126	Comparison of PCB and DDT Distribution between Water-column and Sediment-dwelling Bivalves in Arcachon Bay, France. Marine Pollution Bulletin, 1999, 38, 655-662.	2.3	44

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127	The effects of elutriates from PAH and heavy metal polluted sediments on Crassostrea gigas (Thunberg) embryogenesis, larval growth and bio-accumulation by the larvae of pollutants from sedimentary origin. Ecotoxicology, 2002, 11, 403-416.	1.1	44
128	Development of the performance reference compound approach for the calibration of â€œpolar organic chemical integrative samplerâ€•(POCIS). Analytical and Bioanalytical Chemistry, 2014, 406, 1131-1140.	1.9	44
129	Inputs and seasonal removal of pharmaceuticals in the estuarine Garonne River. Marine Chemistry, 2016, 185, 3-11.	0.9	44
130	Adaptive response under multiple stress exposure in fish: From the molecular to individual level. Chemosphere, 2017, 188, 60-72.	4.2	44
131	Chronic dietary exposure to pyrolytic and petrogenic mixtures of PAHs causes physiological disruption in zebrafish - part I: Survival and growth. Environmental Science and Pollution Research, 2014, 21, 13804-13817.	2.7	43
132	Molecular and Stable Carbon Isotopic Source Identification of Oil Residues and Oiled Bird Feathers Sampled along the Atlantic Coast of France after the Erika Oil Spill. Environmental Science & Technology, 2002, 36, 130-137.	4.6	42
133	BIOTA ACCUMULATION OF POLYCYCLIC AROMATIC HYDROCARBONS IN BENIN COASTAL WATERS. Polycyclic Aromatic Compounds, 2008, 28, 112-127.	1.4	42
134	Developmental toxicity of PAH mixtures in fish early life stages. Part I: adverse effects in rainbow trout. Environmental Science and Pollution Research, 2014, 21, 13720-13731.	2.7	42
135	The mussel caging approach in assessing biological effects of wastewater treatment plant discharges in the Gulf of Finland (Baltic Sea). Marine Pollution Bulletin, 2015, 97, 135-149.	2.3	42
136	Precise indices based on n-alkane distribution for quantifying sources of sedimentary organic matter in coastal systems. Organic Geochemistry, 2015, 88, 69-77.	0.9	42
137	Thermal stability of dibenzothiophene in closed system pyrolysis: Experimental study and kinetic modelling. Organic Geochemistry, 2006, 37, 98-116.	0.9	41
138	Chemical characterization and stable carbon isotopic composition of particulate Polycyclic Aromatic Hydrocarbons issued from combustion of 10 Mediterranean woods. Atmospheric Chemistry and Physics, 2013, 13, 2703-2719.	1.9	41
139	Environmental and human health issues related to pesticides: from usage and environmental fate to impact. Environmental Science and Pollution Research, 2018, 25, 14277-14279.	2.7	41
140	Multi-residue analysis of polycyclic aromatic hydrocarbons, polychlorobiphenyls, and organochlorine pesticides in marine sediments. Analytical and Bioanalytical Chemistry, 2002, 372, 196-204.	1.9	40
141	Degradation of theâ€œErikaâ€•oil. Aquatic Living Resources, 2004, 17, 261-267.	0.5	40
142	Development of biomarkers of stress related to endocrine disruption in gastropods: Alkali-labile phosphates, protein-bound lipids and vitellogenin-like proteins. Aquatic Toxicology, 2009, 92, 155-167.	1.9	40
143	Simple methodology coupling microwave-assisted extraction to SPE/GC/MS for the analysis of natural steroids in biological tissues: Application to the monitoring of endogenous steroids in marine mussels Mytilus sp.. Analytica Chimica Acta, 2010, 657, 28-35.	2.6	40
144	Responses of the European flounderPlatichthys flesusto the chemical stress in estuaries: load of contaminants, gene expression, cellular impact and growth rate. Biomarkers, 2010, 15, 111-127.	0.9	40

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145	Changes in the swimming behavior of Eurytemora affinis (Copepoda, Calanoida) in response to a sub-lethal exposure to nonylphenols. Aquatic Toxicology, 2011, 102, 228-231.	1.9	40
146	Biliary PAH metabolites, EROD activity and DNA damage in dab (Limanda limanda) from Seine Estuary (France). Environmental Science and Pollution Research, 2013, 20, 708-722.	2.7	40
147	Pollution biomonitoring in the Bizerte lagoon (Tunisia), using combined chemical and biomarker analyses in grass goby, Zosterisessor ophiocephalus (Teleostei, Gobiidae). Marine Environmental Research, 2014, 101, 184-195.	1.1	40
148	Quantitative analysis of poly- and perfluoroalkyl compounds in water matrices using high resolution mass spectrometry: Optimization for a laser diode thermal desorption method. Analytica Chimica Acta, 2015, 881, 98-106.	2.6	40
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