Baghdad Ouddane

List of Publications by Year
in descending order

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110	4,230	117453	123241
papers	citations	34 h-index	61 g-index

112	112	112	4901
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occurrence, Fate, Behavior and Ecotoxicological State of Phthalates in Different Environmental Matrices. Environmental Science & Technology, 2015, 49, 4019-4035.	4.6	803
2	Reliable quantification of phthalates in environmental matrices (air, water, sludge, sediment and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	3.9	202
3	Natural organic matter-cations complexation and its impact on water treatment: A critical review. Water Research, 2019, 160, 130-147.	5.3	195
4	Degradation of fluorene and phenanthrene in PAHs-contaminated soil using Pseudomonas and Bacillus strains isolated from oil spill sites. Journal of Environmental Management, 2019, 232, 1-7.	3.8	123
5	Trace metal behaviour in riverine sediments: Role of organic matter and sulfides. Applied Geochemistry, 2011, 26, 80-90.	1.4	108
6	Environmental Impacts of Heavy Metal Discharges from a Smelter in DeÃ»le-canal Sediments (Northern) Tj ETQq0 0 0 rgBT /Overlock 10 83-95.	1.1	100
7	Assessment of trace metals contamination level, bioavailability and toxicity in sediments from Dakar coast and Saint Louis estuary in Senegal, West Africa. Chemosphere, 2015, 138, 980-987.	4.2	91
8	PMS activation using reduced graphene oxide under sonication: Efficient metal-free catalytic system for the degradation of rhodamine B, bisphenol A, and tetracycline. Ultrasonics Sonochemistry, 2019, 52, 164-175.	3.8	89
9	Distribution of phthalates, pesticides and drug residues in the dissolved, particulate and sedimentary phases from transboundary rivers (Franceâ€“Belgium). Science of the Total Environment, 2015, 521-522, 152-159.	3.9	88
10	Daily variations of Zn and Pb concentrations in the DeÃ»le River in relation to the resuspension of heavily polluted sediments. Science of the Total Environment, 2014, 470-471, 600-607.	3.9	86
11	Potential risks of metal toxicity in contaminated sediments of DeÃ»le river in Northern France. Journal of Hazardous Materials, 2011, 186, 2129-2137.	6.5	85
12	Speciation of mercury in sediments of the Seine estuary (France). Applied Organometallic Chemistry, 1999, 13, 715-725.	1.7	83
13	Distribution of persistent organic pollutants (PAHs, Me-PAHs, PCBs) in dissolved, particulate and sedimentary phases in freshwater systems. Environmental Pollution, 2015, 206, 38-48.	3.7	78
14	Variability of dissolved Mn and Zn in the Seine estuary and chemical speciation of these metals in suspended matter. Water Research, 1992, 26, 1359-1378.	5.3	74
15	High-resolution profiles of trace metals in the pore waters of riverine sediment assessed by DET and DGT. Science of the Total Environment, 2006, 362, 266-277.	3.9	65
16	Chemistry of metal sulfides in anoxic sediments. Physical Chemistry Chemical Physics, 2001, 3, 3586-3592.	1.3	60
17	Multi-component adsorption of copper, nickel and zinc from aqueous solutions onto activated carbon prepared from date stones. Environmental Science and Pollution Research, 2016, 23, 15801-15806.	2.7	60
18	Overview of persistent organic pollution (PAHs, Me-PAHs and PCBs) in freshwater sediments from Northern France. Journal of Geochemical Exploration, 2015, 148, 181-188.	1.5	59

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19	Determination of High Resolution Pore Water Profiles of Trace Metals in Sediments of the Rupel River (Belgium) using Det (Diffusive Equilibrium in Thin Films) and DGT (Diffusive Gradients in Thin Films) Techniques. Water, Air, and Soil Pollution, 2005, 166, 265-286.	1.1	58
20	Simultaneous detection of antibiotics and other drug residues in the dissolved and particulate phases of water by an off-line SPE combined with on-line SPE-LC-MS/MS: Method development and application. Science of the Total Environment, 2016, 563-564, 424-433.	3.9	55
21	Organic pollution in surficial sediments of Tripoli harbour, Lebanon. Marine Pollution Bulletin, 2015, 93, 284-293.	2.3	54
22	Extraction of indium-tin oxide from end-of-life LCD panels using ultrasound assisted acid leaching. Ultrasonics Sonochemistry, 2018, 40, 929-936.	3.8	53
23	High resolution profiles of thallium, manganese and iron assessed by DET and DGT techniques in riverine sediment pore waters. Science of the Total Environment, 2007, 373, 526-533.	3.9	52
24	Abundance and diversity of copper resistance genes cusA and copA in microbial communities in relation to the impact of copper on Chilean marine sediments. Marine Pollution Bulletin, 2013, 67, 16-25.	2.3	52
25	Abundance, Diversity and Activity of Sulfate-Reducing Prokaryotes in Heavy Metal-Contaminated Sediment from a Salt Marsh in the Medway Estuary (UK). Marine Biotechnology, 2012, 14, 363-381.	1.1	51
26	Overview of sediments pollution by PAHs and PCBs in mediterranean basin: Transport, fate, occurrence, and distribution. Marine Pollution Bulletin, 2019, 149, 110646.	2.3	49
27	On metal diagenesis in contaminated sediments of the DeÃ»le river (northern France). Applied Geochemistry, 2010, 25, 1361-1373.	1.4	48
28	Simultaneous photocatalytic Cr(VI) reduction and phenol degradation over copper sulphide-reduced graphene oxide nanocomposite under visible light irradiation: Performance and reaction mechanism. Chemosphere, 2021, 268, 128798.	4.2	47
29	Early diagenetic processes aspects controlling the mobility of dissolved trace metals in three riverine sediment columns. Science of the Total Environment, 2008, 407, 447-459.	3.9	43
30	Trace Metal Mobilization from Surficial Sediments of the Seine River Estuary. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	43
31	Structural Rietveld refinement and vibrational study of MgCr x Fe 2â^'x O 4 spinel ferrites. Physica B: Condensed Matter, 2016, 501, 38-44.	1.3	43
32	Determination of total and labile fraction of metals in seawater using solid phase extraction and inductively coupled plasma atomic emission spectrometry (ICP-AES). Journal of Analytical Atomic Spectrometry, 2002, 17, 1354-1358.	1.6	39
33	Depth Variability and some Geochemical Characteristics of Fe, Mn, Ca, Mg, Sr, S, P, Cd and Zn in Anoxic Sediments from Authie Bay (Northern France). Estuarine, Coastal and Shelf Science, 2002, 55, 167-181.	0.9	38
34	A comparative study of mercury distribution and methylation in mudflats from two macrotidal estuaries: The Seine (France) and the Medway (United Kingdom). Applied Geochemistry, 2008, 23, 618-631.	1.4	37
35	Polycyclic aromatic hydrocarbons and n-alkanes in sediments of the Upper Scheldt River Basin: contamination levels and source apportionment. Journal of Environmental Monitoring, 2009, 11, 1086.	2.1	34
36	Determination of trace levels of dissolved vanadium in seawater by use of synthetic complexing agents and inductively coupled plasma-atomic emission spectroscopy (ICP-AES). Analytical and Bioanalytical Chemistry, 2002, 374, 873-878.	1.9	32

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37	Water-Quality Diagnosis and Metal Distribution in a Strongly Polluted Zone of DeÃ»le River (Northern) Tj ETQq1 1 0.784314 rgBT /Over	1.1	32
38	Assessment of contamination, distribution and chemical speciation of trace metals in water column in the Dakar coast and the Saint Louis estuary from Senegal, West Africa. Marine Pollution Bulletin, 2014, 86, 539-546.	2.3	32
39	Removal and Biodegradation of Phenanthrene, Fluoranthene and Pyrene by the Marine Algae Rhodomonas baltica Enriched from North Atlantic Coasts. Bulletin of Environmental Contamination and Toxicology, 2017, 98, 392-399.	1.3	31
40	Distribution of iron and manganese in the Seine river estuary: approach with experimental laboratory mixing. Journal of Environmental Monitoring, 1999, 1, 489-496.	2.1	29
41	Population response of the estuarine copepod Eurytemora affinis to its bioaccumulation of trace metals. Chemosphere, 2019, 220, 505-513.	4.2	29
42	Adsorption of zinc on natural sediment of Tafna River (Algeria). Journal of Hazardous Materials, 2006, 137, 1263-1270.	6.5	28
43	Acute toxicity, uptake and accumulation kinetics of nickel in an invasive copepod species: Pseudodiaptomus marinus. Chemosphere, 2016, 144, 1729-1737.	4.2	27
44	Differences in lethal response between male and female calanoid copepods and life cycle traits to cadmium toxicity. Ecotoxicology, 2017, 26, 1227-1239.	1.1	27
45	Simultaneous Detection of 13 Endocrine Disrupting Chemicals in Water by a Combination of SPE-BSTFA Derivatization and GC-MS in Transboundary Rivers (France-Belgium). Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	26
46	Bioaccumulation of PAHs in marine zooplankton: an experimental study in the copepod Pseudodiaptomus marinus. Environmental Earth Sciences, 2016, 75, 1.	1.3	24
47	Formation and removal of disinfection by-products in a full scale drinking water treatment plant. Science of the Total Environment, 2020, 704, 135280.	3.9	24
48	Assessment of chemical quality of groundwater in coastal volcano-sedimentary aquifer of Djibouti, Horn of Africa. Journal of African Earth Sciences, 2017, 131, 284-300.	0.9	23
49	Assessment of persistent organic pollutants in surface sediments along Lebanese coastal zone. Marine Pollution Bulletin, 2020, 153, 110947.	2.3	22
50	Impacts of Metal Contamination in Calcareous Waters of DeÃ»le River (France): Water Quality and Thermodynamic Studies on Metallic Mobility. Water, Air, and Soil Pollution, 2010, 206, 187-201.	1.1	21
51	Assessment of trace metals contamination in surficial sediments along Lebanese Coastal Zone. Marine Pollution Bulletin, 2018, 133, 881-890.	2.3	21
52	Adsorption capacity of iron oxyhydroxide-coated brick for cationic metals and nature of ionâ€“surface interactions. Applied Clay Science, 2014, 90, 141-149.	2.6	20
53	Bioaccumulation of metals in calanoid copepods by oral intake. Scientific Reports, 2019, 9, 9492.	1.6	20
54	Cobalt sulfide-reduced graphene oxide: An efficient catalyst for the degradation of rhodamine B and pentachlorophenol using peroxymonosulfate. Journal of Environmental Chemical Engineering, 2021, 9, 106018.	3.3	20

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55	Differential gene expression profile of male and female copepods in response to cadmium exposure. Ecotoxicology and Environmental Safety, 2020, 204, 111048.	2.9	18
56	Batch sorption of Pb(II) ions from aqueous solutions using activated carbon prepared from date stones: equilibrium, kinetic, and thermodynamic studies. Desalination and Water Treatment, 2014, 52, 2261-2271.	1.0	17
57	Intergenerational effects of resuspended sediment and trace metal mixtures on life cycle traits of a pelagic copepod. Environmental Pollution, 2020, 267, 115460.	3.7	17
58	Relationships between hydrosedimentary processes and occurrence of mercury-resistant bacteria (merA) in estuary mudflats (Seine, France). Marine Pollution Bulletin, 2008, 56, 1168-1176.	2.3	16
59	Profile of trace metals accumulation in core sediment from Seine river estuary (docks basin). Environmental Technology (United Kingdom), 2013, 34, 1107-1116.	1.2	16
60	Determination of Trace Metal Complexes by Natural Organic and Inorganic Ligands in Coastal Seawater. Analytical Sciences, 2003, 19, 529-535.	0.8	15
61	Determination of metal partitioning in porewater extracted from the Seine River Estuary sediment (France). Journal of Environmental Monitoring, 2004, 6, 243-253.	2.1	15
62	Experimental design approach to the optimisation of hydrocarbons extraction from the sediment: Method development and application. Applied Geochemistry, 2014, 40, 126-134.	1.4	15
63	Removal of disinfection by-product precursors by ion exchange resins. Journal of Environmental Chemical Engineering, 2021, 9, 104602.	3.3	15
64	Test of some ecological concepts on the longitudinal distribution of zooplankton along a lowland water course. Hydrobiologia, 2017, 802, 175-198.	1.0	14
65	Coupling caging and proteomics on the European flounder (Platichthys flesus) to assess the estuarine water quality at micro scale. Science of the Total Environment, 2019, 695, 133760.	3.9	14
66	The Impact of Salt Concentration on the Mineral Nutrition of Tetragonia tetragonioides. Agriculture (Switzerland), 2020, 10, 238.	1.4	14
67	Effects of Salinity on the Macro- and Micronutrient Contents of a Halophytic Plant Species (Portulaca oleracea L.). Land, 2021, 10, 481.	1.2	14
68	Benthic exchange of sedimentary metals (Cd, Cu, Fe, Mn, Ni and Zn) in the DeÃ»le River (Northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	13
69	Intrapopulation and temporal differences of phthalate concentrations in North Atlantic fin whales (Balaenoptera physalus). Chemosphere, 2022, 300, 134453.	4.2	13
70	Fractionation of anthropogenic lead and zinc in DeÃ»le River sediments. Environmental Chemistry, 2007, 4, 114.	0.7	12
71	Speciation of mercury in the strongly polluted sediments of the DeÃ»le River (France). Journal of Environmental Monitoring, 2012, 14, 961.	2.1	12
72	Sediment transfer and accumulation in two contrasting salt marsh/mudflat systems: the Seine estuary (France) and the Medway estuary (UK). Hydrobiologia, 2007, 588, 125-134.	1.0	11

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73	Automatic trace metal monitoring station use for early warning and short term events in polluted rivers: application to streams loaded by mining tailing. Journal of Environmental Monitoring, 2010, 12, 1898.	2.1	11
74	Evidence of methylmercury production and modification of the microbial community structure in estuary sediments contaminated with wastewater treatment plant effluents. Marine Pollution Bulletin, 2011, 62, 1073-1080.	2.3	11
75	Biogeochemical factors affecting the distribution, speciation, and transport of Hg species in the DeÃ»le and Lys Rivers (Northern France). Environmental Science and Pollution Research, 2015, 22, 2708-2720.	2.7	10
76	Effects of different routes of exposure to metals on bioaccumulation and population growth of the cyclopoid copepod Paracyclopina nana. Chemosphere, 2020, 248, 125926.	4.2	10
77	Evaluating the Heavy Metals-Associated Ecological Risks in Soil and Sediments of a Decommissioned Tunisian Mine. Polish Journal of Environmental Studies, 2019, 28, 2981-2993.	0.6	10
78	Effects of Acid Volatile Sulfides on the Use of Hydrochloric Acid for Determining Solid-Phase Associations of Mercury in Sediments. Environmental Science & Technology, 2000, 34, 1871-1876.	4.6	9
79	Impact of copper on the abundance and diversity of sulfate-reducing prokaryotes in two chilean marine sediments. Marine Pollution Bulletin, 2012, 64, 2135-2145.	2.3	9
80	Spatial Distribution and Toxic Potency of Trace Metals in Surface Sediments of the Seine Estuary (France). Clean - Soil, Air, Water, 2016, 44, 544-552.	0.7	9
81	A Combination of Factorial Design, Off-line SPE and GCâ€“MS Method for Quantifying Seven Endocrine Disrupting Compounds in Water. International Journal of Environmental Research, 2017, 11, 613-624.	1.1	9
82	The Senegalese Coastal and Marine Environment. , 2019, , 855-873.		9
83	Elimination of organochlorine pesticides from water by a new activated carbon prepared from Phoenix dactylifera date stones. Environmental Science and Pollution Research, 2021, 28, 10140-10154.	2.7	9
84	Solid Phase Extraction of Inorganic Mercury Using 5-Phenylazo-8-hydroxyquinoline and Determination by Cold Vapor Atomic Fluorescence Spectroscopy in Natural Water Samples. Scientific World Journal, The, 2013, 2013, 1-15.	0.8	8
85	An experimental design approach to the optimisation of pesticide extraction from water. Analytical Methods, 2014, 6, 6514-6521.	1.3	8
86	Evidence of highly dynamic geochemical behaviour of zinc in the DeÃ»le river (northern France). Journal of Environmental Monitoring, 2011, 13, 2124.	2.1	7
87	Ã‰tude de la contamination par les Ã©lÃ©ments traces mÃ©talliques des sÃ©diments cotiers au niveau des points dâ€™Ã©vacuation des eaux usÃ©es Ã Dakar (SÃ©nÃ©gal). Revue Des Sciences De L'Eau, 0, 25, 277-285.	0.2	7
88	Mercury Distribution in the DeÃ»le River (Northern France) Measured by the Diffusive Gradients in Thin Films Technique and Conventional Methods. Archives of Environmental Contamination and Toxicology, 2016, 70, 700-709.	2.1	7
89	Water purification by a new hybrid plasma-sensitization-coagulation process. Separation and Purification Technology, 2017, 178, 253-260.	3.9	7
90	Assessment of trace element contamination and bioaccumulation in algae (Ulva lactuca), bivalves (Spondylus spinosus) and shrimps (Marsupenaeus japonicus) from the Lebanese coast. Regional Studies in Marine Science, 2020, 39, 101478.	0.4	7

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91	Analytical and thermodynamic approaches to the mineralogical and compositional studies on anoxic sediments. Journal of Soils and Sediments, 2003, 3, 180-187.	1.5	6
92	Improvement in Determination of Methylmercury in Sediments by Headspace Trap Gas Chromatography and Atomic Fluorescence Spectrometry after Organic Extraction and Aqueous Phase Ethylation. Analytical Letters, 2014, 47, 697-706.	1.0	6
93	EFFICIENCY EVALUATION OF AN ALGISTATIC TREATMENT BASED ON BARLEY STRAW IN A HYPERTROPHIC POND. Journal of Environmental Engineering and Landscape Management, 2014, 22, 1-13.	0.4	6
94	Franciscana dolphins as PCBs marine biomonitors in Argentina, south-west Atlantic Ocean. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 979-992.	0.4	6
95	Are zooplankton communities structured by taxa ecological niches or by hydrological features?. Ecohydrology, 2018, 11, e1956.	1.1	6
96	Effect of Irrigation Water Regimes on Yield of Tetragonia Tetragonioides. Agriculture (Switzerland), 2019, 9, 22.	1.4	6
97	Preconcentration of Total Mercury from River Water by Anion Exchange Mechanism. Analytical Sciences, 2013, 29, 955-961.	0.8	5
98	In silico assessment of human health risks caused by cyanotoxins from cyanobacteria. Biocell, 2021, 45, 65-77.	0.4	5
99	Single toxicity of arsenic and combined trace metal exposure to a microalga of ecological and commercial interest: Diacronema lutheri. Chemosphere, 2022, 291, 132949.	4.2	5
100	Multigenerational study of life history traits, bioaccumulation, and molecular responses of Pseudodiaptomus annandalei to cadmium. Ecotoxicology and Environmental Safety, 2022, 230, 113171.	2.9	5
101	Valorisation of Waste Mussel Shells as Biosorbent for an Azo Dye Elimination. Key Engineering Materials, 0, 800, 187-192.	0.4	4
102	Responses of the copepod Eurytemora affinis to trace metal exposure: A candidate for sentinel to marine sediment resuspension effects. Marine Pollution Bulletin, 2022, 181, 113854.	2.3	4
103	Distribution coefficient and redox behaviour of uranium in Authie Bay (northern France). International Journal of Environmental Analytical Chemistry, 2005, 85, 1013-1024.	1.8	3
104	Manganese adsorption by sediment in Wadi Tafna, Algeria. African Journal of Aquatic Science, 2017, 42, 1-9.	0.5	3
105	A new, simple, efficient and robust multi-residue method based on pressurised-liquid extraction of agricultural soils to analyze pesticides by liquid chromatography coupled with a high resolution quadrupole time-of-flight mass spectrometer. International Journal of Environmental Analytical Chemistry, 2023, 103, 2126-2141.	1.8	3
106	The chemical behavior of sedimentary uranium in Authie Bay (France). International Journal of Environmental Analytical Chemistry, 2004, 84, 775-787.	1.8	2
107	Mercury methylation and demethylation in highly contaminated sediments from the DeÃ»le River in Northern France using species-specific enriched stable isotopes. Environmental Sciences: Processes and Impacts, 2015, 17, 145-155.	1.7	1
108	Bioaccumulation of Mercury in the Copepod Pseudodiaptomus marinus: A Comparative Study Between Waterborne and Dietary Pathways. International Journal of Environmental Research, 2019, 13, 759-768.	1.1	1

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109	Study of the mobility of trace elements at the water-sediment interface in coastal and estuarine areas. Revue Des Sciences De L'Eau, 0, 32, 463-474.	0.2	1
110	A review of the most popular systems for greywater treatment. , 0, 135, 124-132.		1