

Baghdad Ouddane

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

4,230
citations

117625

34
h-index

123424

61
g-index

112
all docs

112
docs citations

112
times ranked

4901
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 2126-2141.	3.3	3
2	Single toxicity of arsenic and combined trace metal exposure to a microalga of ecological and commercial interest: <i>Diacronema lutheri</i> . <i>Chemosphere</i> , 2022, 291, 132949.	8.2	5
3	Multigenerational study of life history traits, bioaccumulation, and molecular responses of <i>Pseudodiaptomus annandalei</i> to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113171.	6.0	5
4	Intrapopulation and temporal differences of phthalate concentrations in North Atlantic fin whales (<i>Balaenoptera physalus</i>). <i>Chemosphere</i> , 2022, 300, 134453.	8.2	13
5	Responses of the copepod <i>Eurytemora affinis</i> to trace metal exposure: A candidate for sentinel to marine sediment resuspension effects. <i>Marine Pollution Bulletin</i> , 2022, 181, 113854.	5.0	4
6	Elimination of organochlorine pesticides from water by a new activated carbon prepared from <i>Phoenix dactylifera</i> date stones. <i>Environmental Science and Pollution Research</i> , 2021, 28, 10140-10154.	5.3	9
7	Simultaneous photocatalytic Cr(VI) reduction and phenol degradation over copper sulphide-reduced graphene oxide nanocomposite under visible light irradiation: Performance and reaction mechanism. <i>Chemosphere</i> , 2021, 268, 128798.	8.2	47
8	Removal of disinfection by-product precursors by ion exchange resins. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104602.	6.7	15
9	In silico assessment of human health risks caused by cyanotoxins from cyanobacteria. <i>Biocell</i> , 2021, 45, 65-77.	0.7	5
10	Effects of Salinity on the Macro- and Micronutrient Contents of a Halophytic Plant Species (<i>Portulaca oleracea</i> L.). <i>Land</i> , 2021, 10, 481.	2.9	14
11	Cobalt sulfide-reduced graphene oxide: An efficient catalyst for the degradation of rhodamine B and pentachlorophenol using peroxymonosulfate. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106018.	6.7	20
12	Formation and removal of disinfection by-products in a full scale drinking water treatment plant. <i>Science of the Total Environment</i> , 2020, 704, 135280.	8.0	24
13	Assessment of trace element contamination and bioaccumulation in algae (<i>Ulva lactuca</i>), bivalves (<i>Spondylus spinosus</i>) and shrimps (<i>Marsupenaeus japonicus</i>) from the Lebanese coast. <i>Regional Studies in Marine Science</i> , 2020, 39, 101478.	0.7	7
14	Intergenerational effects of resuspended sediment and trace metal mixtures on life cycle traits of a pelagic copepod. <i>Environmental Pollution</i> , 2020, 267, 115460.	7.5	17
15	Differential gene expression profile of male and female copepods in response to cadmium exposure. <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 111048.	6.0	18
16	The Impact of Salt Concentration on the Mineral Nutrition of <i>Tetragonia tetragonioides</i> . <i>Agriculture (Switzerland)</i> , 2020, 10, 238.	3.1	14
17	Assessment of persistent organic pollutants in surface sediments along Lebanese coastal zone. <i>Marine Pollution Bulletin</i> , 2020, 153, 110947.	5.0	22
18	Effects of different routes of exposure to metals on bioaccumulation and population growth of the cyclopoid copepod <i>Paracyclopsina nana</i> . <i>Chemosphere</i> , 2020, 248, 125926.	8.2	10

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19	Bioaccumulation of metals in calanoid copepods by oral intake. <i>Scientific Reports</i> , 2019, 9, 9492.	3.3	20
20	Overview of sediments pollution by PAHs and PCBs in mediterranean basin: Transport, fate, occurrence, and distribution. <i>Marine Pollution Bulletin</i> , 2019, 149, 110646.	5.0	49
21	Coupling caging and proteomics on the European flounder (<i>Platichthys flesus</i>) to assess the estuarine water quality at micro scale. <i>Science of the Total Environment</i> , 2019, 695, 133760.	8.0	14
22	Bioaccumulation of Mercury in the Copepod <i>Pseudodiaptomus marinus</i> : A Comparative Study Between Waterborne and Dietary Pathways. <i>International Journal of Environmental Research</i> , 2019, 13, 759-768.	2.3	1
23	Natural organic matter-cations complexation and its impact on water treatment: A critical review. <i>Water Research</i> , 2019, 160, 130-147.	11.3	195
24	Effect of Irrigation Water Regimes on Yield of <i>Tetragonia Tetragonioides</i> . <i>Agriculture (Switzerland)</i> , 2019, 9, 22.	3.1	6
25	The Senegalese Coastal and Marine Environment. , 2019, , 855-873.		9
26	Population response of the estuarine copepod <i>Eurytemora affinis</i> to its bioaccumulation of trace metals. <i>Chemosphere</i> , 2019, 220, 505-513.	8.2	29
27	Degradation of fluorene and phenanthrene in PAHs-contaminated soil using <i>Pseudomonas</i> and <i>Bacillus</i> strains isolated from oil spill sites. <i>Journal of Environmental Management</i> , 2019, 232, 1-7.	7.8	123
28	PMS activation using reduced graphene oxide under sonication: Efficient metal-free catalytic system for the degradation of rhodamine B, bisphenol A, and tetracycline. <i>Ultrasonics Sonochemistry</i> , 2019, 52, 164-175.	8.2	89
29	Evaluating the Heavy Metals-Associated Ecological Risks in Soil and Sediments of a Decommissioned Tunisian Mine. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 2981-2993.	1.2	10
30	Are zooplankton communities structured by taxa ecological niches or by hydrological features?. <i>Ecohydrology</i> , 2018, 11, e1956.	2.4	6
31	Assessment of trace metals contamination in surficial sediments along Lebanese Coastal Zone. <i>Marine Pollution Bulletin</i> , 2018, 133, 881-890.	5.0	21
32	Extraction of indium-tin oxide from end-of-life LCD panels using ultrasound assisted acid leaching. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 929-936.	8.2	53
33	Water purification by a new hybrid plasma-sensitization-coagulation process. <i>Separation and Purification Technology</i> , 2017, 178, 253-260.	7.9	7
34	Assessment of chemical quality of groundwater in coastal volcano-sedimentary aquifer of Djibouti, Horn of Africa. <i>Journal of African Earth Sciences</i> , 2017, 131, 284-300.	2.0	23
35	Simultaneous Detection of 13 Endocrine Disrupting Chemicals in Water by a Combination of SPE-BSTFA Derivatization and GC-MS in Transboundary Rivers (France-Belgium). <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	26
36	Manganese adsorption by sediment in Wadi Tafna, Algeria. <i>African Journal of Aquatic Science</i> , 2017, 42, 1-9.	1.1	3

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37	Test of some ecological concepts on the longitudinal distribution of zooplankton along a lowland water course. <i>Hydrobiologia</i> , 2017, 802, 175-198.	2.0	14
38	A Combination of Factorial Design, Off-line SPE and GC-MS Method for Quantifying Seven Endocrine Disrupting Compounds in Water. <i>International Journal of Environmental Research</i> , 2017, 11, 613-624.	2.3	9
39	Differences in lethal response between male and female calanoid copepods and life cycle traits to cadmium toxicity. <i>Ecotoxicology</i> , 2017, 26, 1227-1239.	2.4	27
40	Removal and Biodegradation of Phenanthrene, Fluoranthene and Pyrene by the Marine Algae <i>Rhodomonas baltica</i> Enriched from North Atlantic Coasts. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 392-399.	2.7	31
41	Spatial Distribution and Toxic Potency of Trace Metals in Surface Sediments of the Seine Estuary (France). <i>Clean - Soil, Air, Water</i> , 2016, 44, 544-552.	1.1	9
42	Franciscana dolphins as PCBs marine biomonitors in Argentina, south-west Atlantic Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 979-992.	0.8	6
43	Bioaccumulation of PAHs in marine zooplankton: an experimental study in the copepod <i>Pseudodiaptomus marinus</i> . <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	24
44	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. <i>Science of the Total Environment</i> , 2016, 563-564, 424-433.	8.0	55
45	Structural Rietveld refinement and vibrational study of $MgCr_x Fe_{2-x}O_4$ spinel ferrites. <i>Physica B: Condensed Matter</i> , 2016, 501, 38-44.	2.7	43
46	Acute toxicity, uptake and accumulation kinetics of nickel in an invasive copepod species: <i>Pseudodiaptomus marinus</i> . <i>Chemosphere</i> , 2016, 144, 1729-1737.	8.2	27
47	Mercury Distribution in the DeÅle River (Northern France) Measured by the Diffusive Gradients in Thin Films Technique and Conventional Methods. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 700-709.	4.1	7
48	Multi-component adsorption of copper, nickel and zinc from aqueous solutions onto activated carbon prepared from date stones. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15801-15806.	5.3	60
49	Reliable quantification of phthalates in environmental matrices (air, water, sludge, sediment and) $T_j ETQq_1 1 0.784314 \text{ rgBT} / \text{Overlock}$	8.0	202
50	Organic pollution in surficial sediments of Tripoli harbour, Lebanon. <i>Marine Pollution Bulletin</i> , 2015, 93, 284-293.	5.0	54
51	Assessment of trace metals contamination level, bioavailability and toxicity in sediments from Dakar coast and Saint Louis estuary in Senegal, West Africa. <i>Chemosphere</i> , 2015, 138, 980-987.	8.2	91
52	Distribution of persistent organic pollutants (PAHs, Me-PAHs, PCBs) in dissolved, particulate and sedimentary phases in freshwater systems. <i>Environmental Pollution</i> , 2015, 206, 38-48.	7.5	78
53	Distribution of phthalates, pesticides and drug residues in the dissolved, particulate and sedimentary phases from transboundary rivers (France-Belgium). <i>Science of the Total Environment</i> , 2015, 521-522, 152-159.	8.0	88
54	Biogeochemical factors affecting the distribution, speciation, and transport of Hg species in the DeÅle and Lys Rivers (Northern France). <i>Environmental Science and Pollution Research</i> , 2015, 22, 2708-2720.	5.3	10

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55	Occurrence, Fate, Behavior and Ecotoxicological State of Phthalates in Different Environmental Matrices. <i>Environmental Science & Technology</i> , 2015, 49, 4019-4035.	10.0	803
56	Overview of persistent organic pollution (PAHs, Me-PAHs and PCBs) in freshwater sediments from Northern France. <i>Journal of Geochemical Exploration</i> , 2015, 148, 181-188.	3.2	59
57	Mercury methylation and demethylation in highly contaminated sediments from the DeÅ»le River in Northern France using species-specific enriched stable isotopes. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 145-155.	3.5	1
58	Batch sorption of Pb(II) ions from aqueous solutions using activated carbon prepared from date stones: equilibrium, kinetic, and thermodynamic studies. <i>Desalination and Water Treatment</i> , 2014, 52, 2261-2271.	1.0	17
59	Trace Metal Mobilization from Surficial Sediments of the Seine River Estuary. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	43
60	Improvement in Determination of Methylmercury in Sediments by Headspace Trap Gas Chromatography and Atomic Fluorescence Spectrometry after Organic Extraction and Aqueous Phase Ethylation. <i>Analytical Letters</i> , 2014, 47, 697-706.	1.8	6
61	An experimental design approach to the optimisation of pesticide extraction from water. <i>Analytical Methods</i> , 2014, 6, 6514-6521.	2.7	8
62	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. <i>Marine Pollution Bulletin</i> , 2014, 86, 539-546.	5.0	32
63	EFFICIENCY EVALUATION OF AN ALGISTATIC TREATMENT BASED ON BARLEY STRAW IN A HYPERTROPHIC POND. <i>Journal of Environmental Engineering and Landscape Management</i> , 2014, 22, 1-13.	1.0	6
64	Experimental design approach to the optimisation of hydrocarbons extraction from the sediment: Method development and application. <i>Applied Geochemistry</i> , 2014, 40, 126-134.	3.0	15
65	Daily variations of Zn and Pb concentrations in the DeÅ»le River in relation to the resuspension of heavily polluted sediments. <i>Science of the Total Environment</i> , 2014, 470-471, 600-607.	8.0	86
66	Adsorption capacity of iron oxyhydroxide-coated brick for cationic metals and nature of ionâ€œsurface interactions. <i>Applied Clay Science</i> , 2014, 90, 141-149.	5.2	20
67	Abundance and diversity of copper resistance genes <i>cusA</i> and <i>copA</i> in microbial communities in relation to the impact of copper on Chilean marine sediments. <i>Marine Pollution Bulletin</i> , 2013, 67, 16-25.	5.0	52
68	Profile of trace metals accumulation in core sediment from Seine river estuary (docks basin). <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 1107-1116.	2.2	16
69	Preconcentration of Total Mercury from River Water by Anion Exchange Mechanism. <i>Analytical Sciences</i> , 2013, 29, 955-961.	1.6	5
70	Solid Phase Extraction of Inorganic Mercury Using 5-Phenylazo-8-hydroxyquinoline and Determination by Cold Vapor Atomic Fluorescence Spectroscopy in Natural Water Samples. <i>Scientific World Journal, The</i> , 2013, 2013, 1-15.	2.1	8
71	Abundance, Diversity and Activity of Sulfate-Reducing Prokaryotes in Heavy Metal-Contaminated Sediment from a Salt Marsh in the Medway Estuary (UK). <i>Marine Biotechnology</i> , 2012, 14, 363-381.	2.4	51
72	Speciation of mercury in the strongly polluted sediments of the DeÅ»le River (France). <i>Journal of Environmental Monitoring</i> , 2012, 14, 961.	2.1	12

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73	Impact of copper on the abundance and diversity of sulfate-reducing prokaryotes in two Chilean marine sediments. <i>Marine Pollution Bulletin</i> , 2012, 64, 2135-2145.	5.0	9
74	Benthic exchange of sedimentary metals (Cd, Cu, Fe, Mn, Ni and Zn) in the DeÅ»le River (Northern France). <i>Journal of Environmental Monitoring</i> , 2011, 13, 2124.	1.5	13
75	Evidence of highly dynamic geochemical behaviour of zinc in the DeÅ»le river (northern France). <i>Journal of Environmental Monitoring</i> , 2011, 13, 2124.	2.1	7
76	Trace metal behaviour in riverine sediments: Role of organic matter and sulfides. <i>Applied Geochemistry</i> , 2011, 26, 80-90.	3.0	108
77	Evidence of methylmercury production and modification of the microbial community structure in estuary sediments contaminated with wastewater treatment plant effluents. <i>Marine Pollution Bulletin</i> , 2011, 62, 1073-1080.	5.0	11
78	Potential risks of metal toxicity in contaminated sediments of DeÅ»le river in Northern France. <i>Journal of Hazardous Materials</i> , 2011, 186, 2129-2137.	12.4	85
79	Impacts of Metal Contamination in Calcareous Waters of DeÅ»le River (France): Water Quality and Thermodynamic Studies on Metallic Mobility. <i>Water, Air, and Soil Pollution</i> , 2010, 206, 187-201.	2.4	21
80	On metal diagenesis in contaminated sediments of the DeÅ»le river (northern France). <i>Applied Geochemistry</i> , 2010, 25, 1361-1373.	3.0	48
81	Automatic trace metal monitoring station use for early warning and short term events in polluted rivers: application to streams loaded by mining tailing. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1898.	2.1	11
82	Water-Quality Diagnosis and Metal Distribution in a Strongly Polluted Zone of DeÅ»le River (Northern France). <i>Journal of Environmental Monitoring</i> , 2010, 12, 1898.	2.4	32
83	Polycyclic aromatic hydrocarbons and n-alkanes in sediments of the Upper Scheldt River Basin: contamination levels and source apportionment. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1086.	2.1	34
84	Early diagenetic processes aspects controlling the mobility of dissolved trace metals in three riverine sediment columns. <i>Science of the Total Environment</i> , 2008, 407, 447-459.	8.0	43
85	Relationships between hydrosedimentary processes and occurrence of mercury-resistant bacteria (merA) in estuary mudflats (Seine, France). <i>Marine Pollution Bulletin</i> , 2008, 56, 1168-1176.	5.0	16
86	A comparative study of mercury distribution and methylation in mudflats from two macrotidal estuaries: The Seine (France) and the Medway (United Kingdom). <i>Applied Geochemistry</i> , 2008, 23, 618-631.	3.0	37
87	Fractionation of anthropogenic lead and zinc in DeÅ»le River sediments. <i>Environmental Chemistry</i> , 2007, 4, 114.	1.5	12
88	High resolution profiles of thallium, manganese and iron assessed by DET and DGT techniques in riverine sediment pore waters. <i>Science of the Total Environment</i> , 2007, 373, 526-533.	8.0	52
89	Environmental Impacts of Heavy Metal Discharges from a Smelter in DeÅ»le-canal Sediments (Northern France). <i>Journal of Environmental Monitoring</i> , 2007, 9, 83-95.	2.4	100
90	Sediment transfer and accumulation in two contrasting salt marsh/mudflat systems: the Seine estuary (France) and the Medway estuary (UK). <i>Hydrobiologia</i> , 2007, 588, 125-134.	2.0	11

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91	Adsorption of zinc on natural sediment of Tafna River (Algeria). Journal of Hazardous Materials, 2006, 137, 1263-1270.	12.4	28
92	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.	8.0	65
93	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.	2.4	58
94	Distribution coefficient and redox behaviour of uranium in Authie Bay (northern France). International Journal of Environmental Analytical Chemistry, 2005, 85, 1013-1024.	3.3	3
95	The chemical behavior of sedimentary uranium in Authie Bay (France). International Journal of Environmental Analytical Chemistry, 2004, 84, 775-787.	3.3	2
96	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
97	Analytical and thermodynamic approaches to the mineralogical and compositional studies on anoxic sediments. Journal of Soils and Sediments, 2003, 3, 180-187.	3.0	6
98	Determination of Trace Metal Complexes by Natural Organic and Inorganic Ligands in Coastal Seawater. Analytical Sciences, 2003, 19, 529-535.	1.6	15
99	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.	3.0	39
100	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.	3.7	32
101	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.	2.1	38
102	Chemistry of metal sulfides in anoxic sediments. Physical Chemistry Chemical Physics, 2001, 3, 3586-3592.	2.8	60
103	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.	10.0	9
104	Speciation of mercury in sediments of the Seine estuary (France). Applied Organometallic Chemistry, 1999, 13, 715-725.	3.5	83
105	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
106	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.	11.3	74
107	Étude de la contamination par les éléments traces métalliques des sédiments côtiers au niveau des points d'évacuation des eaux usées à Dakar (Sénégal). Revue Des Sciences De L'Eau, 0, 25, 277-285.	0.2	7
108	Valorisation of Waste Mussel Shells as Biosorbent for an Azo Dye Elimination. Key Engineering Materials, 0, 800, 187-192.	0.4	4

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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