

The determination of heavy metal accumulation ratios in migratory fish species by inductively coupled plasma-optical emission spectrometry (ICP-OES) in Beymelek Lagoon (Antalya/Turkey)

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Citation Report

#	ARTICLE	IF	CITATIONS
1	FT-IR study of the effect of zinc exposure on the biochemical contents of the muscle of <i>Labeo rohita</i> . <i>Infrared Physics and Technology</i> , 2009, 52, 37-41.	1.3	12
2	Metals in tissues of fish from Yelkoma Lagoon, northeastern Mediterranean. <i>Environmental Monitoring and Assessment</i> , 2010, 168, 223-230.	1.3	30
3	Trace elements in farmed and wild gilthead seabream, <i>Sparus aurata</i> . <i>Marine Pollution Bulletin</i> , 2010, 60, 2022-2025.	2.3	69
4	Smart responsive microcapsules capable of recognizing heavy metal ions. <i>Journal of Colloid and Interface Science</i> , 2010, 349, 512-518.	5.0	46
5	Heavy metal and trace element accumulation in muscle, liver and gills of the Pontic shad (<i>Alosa tjeleii</i>). <i>Journal of Environmental Monitoring</i> , 2010, 12, 50-55.	2.3	108
6	Bioconcentration of zinc and its effect on the biochemical constituents of the gill tissues of <i>Labeo rohita</i> : An FT-IR study. <i>Infrared Physics and Technology</i> , 2010, 53, 103-111.	1.3	33
7	Bioaccumulation of non-essential trace metals in tissues and organs of <i>Clarias gariepinus</i> (sharp-tooth catfish) from the Vaal River system – strontium, aluminium, lead and nickel. <i>Water S A</i> , 2010, 36, .	0.2	33
8	Differentiation of Farmed and Wild Turbot (<i>Psetta maxima</i>): Proximate Chemical Composition, Fatty Acid Profile, Trace Minerals and Antimicrobial Resistance of Contaminant Bacteria. <i>Food Science and Technology International</i> , 2010, 16, 435-441.	1.1	15
9	Levels of heavy metals (Zn, Cu, Cd, and Pb) in mudskippers (<i>Periophthalmodon schlosseri</i>) and sediments collected from intertidal areas at Morib and Remis, Peninsular Malaysia. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 1471-1486.	0.6	14
10	Metal concentrations and metallothionein-like protein levels in deep-sea fishes captured near hydrothermal vents in the Mid-Atlantic Ridge off Azores. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 893-908.	0.6	25
11	Arsenic and mercury in commercially valuable fish species from the Persian Gulf: Influence of season and habitat. <i>Food and Chemical Toxicology</i> , 2010, 48, 2945-2950.	1.8	85
12	Uptake of selected metals in tissues and organs of <i>Clarias gariepinus</i> (sharp-tooth catfish) from the Vaal River System – Chromium, copper, iron, manganese and zinc. <i>Water S A</i> , 2011, 37, .	0.2	18
13	Impact of nickel (Ni) on hematological parameters and behavioral changes in <i>Cyprinus carpio</i> (common). <i>Journal of Environmental Monitoring</i> , 2010, 12, 10-12.	0.3	12
14	Fish-farming water quality and environmental concerns in Argentina: a regional approach. <i>Aquaculture International</i> , 2011, 19, 855-863.	1.1	19
15	Simultaneous separation/preconcentration of ultra trace heavy metals in industrial wastewaters by dispersive liquid-liquid microextraction based on solidification of floating organic drop prior to determination by graphite furnace atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2011, 186, 1739-1743.	6.5	169
16	Determination of Zinc, Copper, Iron, and Manganese in Different Regions of Lamb Brain. <i>Biological Trace Element Research</i> , 2011, 142, 492-499.	1.9	11
17	Determination of copper, lead, cadmium and zinc content in commercially valuable fish species from the Persian Gulf using derivative potentiometric stripping analysis. <i>Microchemical Journal</i> , 2011, 98, 156-162.	2.3	80
18	Comparative study of heavy metal and trace element accumulation in edible tissues of farmed and wild rainbow trout (<i>Oncorhynchus mykiss</i>) using ICP-OES technique. <i>Microchemical Journal</i> , 2011, 98, 275-279.	2.3	123

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19	Trace elements in fish and oysters from Sepetiba Bay (Rio de Janeiro "Brazil) determined by total reflection X-ray fluorescence using synchrotron radiation. <i>Chemistry and Ecology</i> , 2011, 27, 1-8.	0.6	26
20	Metals concentrations in Nile tilapia <i>Oreochromis niloticus</i> () from illegal fish farm in Al-Minufiya Province, Egypt, and their effects on some tissues structures. <i>Ecotoxicology and Environmental Safety</i> , 2012, 84, 163-172.	2.9	44
21	Evaluation of the bioaccumulation of trace elements in tuna species by correlation analysis between their concentrations in muscle and first dorsal spine using microwave-assisted digestion and ICP-MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1761-1775.	1.8	11
22	Bioaccumulation of Zn, Cu and Mn in the Caviar and Muscle of Persian Sturgeon (<i>Acipenser persicus</i>) from the Caspian Sea, Iran. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 1201-1204.	1.3	9
23	Radioactivity and heavy metal concentrations of some commercial fish species consumed in the Black Sea Region of Turkey. <i>Chemosphere</i> , 2012, 87, 356-361.	4.2	144
24	Instrumental neutron activation analysis of some fish species from Danube River in Romania. <i>Microchemical Journal</i> , 2012, 103, 142-147.	2.3	18
25	Distribution patterns of toxic metals in the marine oyster <i>Saccostrea cucullata</i> from the Arabian Sea in Oman: spatial, temporal, and size variations. <i>SpringerPlus</i> , 2013, 2, 282.	1.2	19
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27	Antioxidant system efficiently protects goldfish gills from Ni ²⁺ -induced oxidative stress. <i>Chemosphere</i> , 2013, 90, 971-976.	4.2	43
28	Bioaccumulation of Cd, Pb and Zn in the edible and inedible tissues of three sturgeon species in the Iranian coastline of the Caspian Sea. <i>Chemosphere</i> , 2013, 90, 573-580.	4.2	35
29	Use of flathead mullet (<i>Mugil cephalus</i>) in coastal biomonitor studies: Review and recommendations for future studies. <i>Marine Pollution Bulletin</i> , 2013, 69, 195-205.	2.3	31
30	Immunotoxicological effects of inorganic arsenic on gilthead seabream (<i>Sparus aurata</i> L.). <i>Aquatic Toxicology</i> , 2013, 134-135, 112-119.	1.9	37
31	Metals and other elements in tissues of wild fish from fish farms and comparison with farmed species in sites with oxic and anoxic sediments. <i>Food Chemistry</i> , 2013, 141, 680-694.	4.2	61
32	Recovery of fat snook, <i>Centropomus parallelus</i> (Teleostei: Perciformes) after subchronic exposure to copper. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 157, 306-309.	1.3	8
33	Heavy metal concentration in sediment, benthic, benthopelagic, and pelagic fish species from Musa Estuary (Persian Gulf). <i>Environmental Monitoring and Assessment</i> , 2013, 185, 215-222.	1.3	86
34	Heavy metals concentration in various tissues of two freshwater fishes, <i>Labeo rohita</i> and <i>Channa striatus</i> . <i>African Journal of Environmental Science and Technology</i> , 2014, 8, 166-170.	0.2	13
35	Geochemical aspects of <i>Meretrix casta</i> (bivalve) shells of Vellar estuary, southeast coast of India. <i>African Journal of Biotechnology</i> , 2014, 13, 2090-2094.	0.3	1
36	Metal bioaccumulation in common carp and rudd from the Topolnitsa reservoir, Bulgaria. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2014, 65, 57-66.	0.4	20

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38	Toxic metals, trace and major elements determined by ICPMS in tissues of <i>Parapimelodus valenciennis</i> and <i>Prochilodus lineatus</i> from Chascomus Lake, Argentina. Microchemical Journal, 2014, 112, 127-131.	2.3	41
39	Assessment of lead and cadmium residues in farmed fish in Machakos and Kiambu counties, Kenya. Toxicological and Environmental Chemistry, 2014, 96, 58-67.	0.6	6
40	Seasonal variation of heavy metals in water, sediment and roach tissues in a landfill draining system pond (Etueffont, France). Ecological Engineering, 2014, 69, 25-37.	1.6	82
41	Differential tissue accumulation of arsenic and heavy metals from diets in three edible fish species. Aquaculture Nutrition, 2014, 20, 364-371.	1.1	7
42	Assessment of human health risk for heavy metals in fish and shrimp collected from Subarnarekha river, India. International Journal of Environmental Health Research, 2014, 24, 429-449.	1.3	39
44	HEAVY METAL IN FISH: ANALYSIS AND HUMAN HEALTH-A REVIEW. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 T	0.3	14
45	Potential Health Hazard Assessment in Terms of Some Heavy Metals Determined in Demersal Fishes Caught in Eastern Aegean Sea. Bulletin of Environmental Contamination and Toxicology, 2015, 95, 494-498.	1.3	36
46	Optimization of simultaneous electrochemical determination of Cd(II), Pb(II), Cu(II) and Hg(II) at carbon nanotube-modified graphite electrodes. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 874-881.	0.9	12
47	Comparative toxicity of copper oxide bulk and nano particles in Nile Tilapia; <i>Oreochromis niloticus</i> : Biochemical and oxidative stress. Journal of Basic and Applied Zoology, 2015, 72, 43-57.	0.4	57
48	Determination of Heavy Metals in Water and Tissues of Crucian Carp (<i>Carassius auratus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 T	1.0	16
49	Comparative investigation of heavy metal, trace, and macro element contents in commercially valuable fish species harvested off from the Persian Gulf. Environmental Science and Pollution Research, 2015, 22, 6670-6678.	2.7	54
50	Total mercury and arsenic concentrations in edible and non-edible tissues of Iranian tuna fish. Quality Assurance and Safety of Crops and Foods, 2015, 7, 509-515.	1.8	3
51	Trace metals in tissues of the six most common fish species in the Black Sea, Turkey. Food Additives and Contaminants: Part B Surveillance, 2015, 8, 25-31.	1.3	32
52	Human health risk and ecological risk assessment of metals in fishes, shrimps and sediment from a tropical river. International Journal of Environmental Science and Technology, 2015, 12, 2349-2362.	1.8	36
53	Trace element accumulation and human health risk assessment of <i>Labeo capensis</i> (Smith, 1841) from the Vaal Dam reservoir, South Africa. Water S A, 2016, 42, 328.	0.2	7
54	Radionuclides (²¹⁰ Po and ²¹⁰ Pb) and Some Heavy Metals in Fish and Sediments in Lake Bafa, Turkey, and the Contribution of ²¹⁰ Po to the Radiation Dose. International Journal of Environmental Research and Public Health, 2016, 13, 1113.	1.2	14
55	Metal residues in flesh of edible blue crab, <i>Callinectes amnicola</i> , from a tropical coastal lagoon: Health implications. Human and Ecological Risk Assessment (HERA), 2016, 22, 1708-1725.	1.7	12

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56	Evaluation of Elemental Distributions in Wild-Caught and Farmed <i>Pangasius</i> sp. Using Pattern Recognition Techniques. <i>International Journal of Food Properties</i> , 2016, 19, 1489-1503.	1.3	3
57	Toxic element determination in fish from Paran� River Delta (Argentina) by neutron activation analysis: Tissue distribution and accumulation and health risk assessment by direct consumption. <i>Journal of Food Composition and Analysis</i> , 2016, 54, 27-36.	1.9	22
58	Study of elements concentrations of European seabass (<i>Dicentrarchus labrax</i>) fillets after cooking on steel, cast iron, teflon, aluminum and ceramic pots. <i>International Journal of Gastronomy and Food Science</i> , 2016, 5-6, 1-9.	1.3	10
59	Influence of waterborne arsenic on nutritive and potentially harmful elements in gilthead seabream (<i>Sparus aurata</i>). <i>Environmental Monitoring and Assessment</i> , 2016, 188, 620.	1.3	1
60	Metal contamination and human health risk associated with the consumption of <i>Labeo rosae</i> from the Olifants River system, South Africa. <i>African Journal of Aquatic Science</i> , 2016, 41, 161-170.	0.5	8
61	Toxicity evaluation of copper oxide bulk and nanoparticles in Nile tilapia, <i>Oreochromis niloticus</i> , using hematological, bioaccumulation and histological biomarkers. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1225-1236.	0.9	52
62	The chromium accumulation and its physiological effects in juvenile rockfish, <i>Sebastes schlegelii</i> , exposed to different levels of dietary chromium (Cr 6+) concentrations. <i>Environmental Toxicology and Pharmacology</i> , 2016, 41, 152-158.	2.0	51
63	Exposure of the gilthead seabream (<i>Sparus aurata</i>) to sediments contaminated with heavy metals down-regulates the gene expression of stress biomarkers. <i>Toxicology Reports</i> , 2016, 3, 364-372.	1.6	30
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66	Toxic effects on bioaccumulation and hematological parameters of juvenile rockfish <i>Sebastes schlegelii</i> exposed to dietary lead (Pb) and ascorbic acid. <i>Chemosphere</i> , 2017, 176, 131-140.	4.2	52
67	Analysis of certain fatty acids and toxic metal bioaccumulation in various tissues of three fish species that are consumed by Turkish people. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9495-9505.	2.7	0
68	A Multivariate Analysis of Metal Concentrations in Two Fish Species of the Nyl River System, Limpopo Province, South Africa. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 817-823.	1.3	6
69	Toxic heavy metals in commercially important food fishes collected from Palk Bay, Southeastern India. <i>Marine Pollution Bulletin</i> , 2017, 119, 454-459.	2.3	72
70	Effects of dietary chromium exposure to rockfish, <i>Sebastes schlegelii</i> are ameliorated by ascorbic acid. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 109-115.	2.9	40
71	3D�printed Metal Electrodes for Heavy Metals Detection by Anodic Stripping Voltammetry. <i>Electroanalysis</i> , 2017, 29, 2444-2453.	1.5	67
72	Quantifying Elements in Arctic Grayling and Bull Trout in the South Nahanni River Watershed, Northwest Territories, Using Nonlethal Tissue Samples. <i>North American Journal of Fisheries Management</i> , 2017, 37, 50-63.	0.5	2
73	Persistent sample circulation microextraction combined with graphite furnace atomic absorption spectroscopy for trace determination of heavy metals in fish species marketed in Kermanshah, Iran, and human health risk assessment. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 2915-2924.	1.7	30

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80	Metals in coastal zones impacted with urban and industrial wastes: Insights on the metal accumulation pattern in fish species. Journal of Marine Systems, 2018, 181, 53-62.	0.9	34
81	Inorganic arsenic causes apoptosis cell death and immunotoxicity on European sea bass (<i>Dicentrarchus labrax</i>). Marine Pollution Bulletin, 2018, 128, 324-332.	2.3	18
82	SPE and determination by FAAS of heavy metals using a new synthesized polymer resin in various water and dried vegetables samples. Journal of Macromolecular Science - Pure and Applied Chemistry, 2018, 55, 288-295.	1.2	14
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84	Paired-ion-based liquid phase microextraction for speciation of iron (Fe ²⁺ , Fe ³⁺) followed by flame atomic absorption spectrometry. Journal of Food Measurement and Characterization, 2018, 12, 573-580.	1.6	13
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87	Branch-Migration Based Fluorescent Probe for Highly Sensitive Detection of Mercury. Analytical Chemistry, 2018, 90, 11764-11769.	3.2	32
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91	Acute and Subacute toxicity study of Olaquinox by feeding to common carp (<i>Cyprinus carpio</i> L.). Ecotoxicology and Environmental Safety, 2018, 161, 342-349.	2.9	7
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95	Coordination-induced structural changes of DNA-based optical and electrochemical sensors for metal ions detection. <i>Dalton Transactions</i> , 2019, 48, 5879-5891.	1.6	16
96	Concentrations and Risk Assessment of Heavy Metals in Tissues of Walleye Pollock (<i>Gadus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 T 82, 903-909.	0.8	4
97	Health risk assessment of heavy metals in <i>Cyprinus carpio</i> (Cyprinidae) from the upper Mekong River. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9490-9499.	2.7	13
98	Baseline evaluation of metal contamination in teleost fishes of the Gulf of Tigullio (north-western) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 12	2.3	12
99	Seasonal variation of Fe, Mn and Cu in the tissues of two fish species from lake Qarun, Egypt. <i>Journal of Heavy Metal Toxicity and Diseases</i> , 2019, 04, .	1.4	1
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101	Elemental distribution in the different tissues of brood stock from Greek hatcheries. <i>Aquaculture</i> , 2019, 503, 175-185.	1.7	17
102	Age and diet-specific trace element accumulation patterns in different tissues of chub (<i>Squalius</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 35	2.6	35
103	Characterization of molecular biomarkers of mercury exposure to muscle tissue of <i>Plagioscion squamosissimus</i> and <i>Colossoma macropomum</i> from the Amazon region. <i>Food Chemistry</i> , 2019, 276, 247-254.	4.2	15
104	Metals/Metalloids and Oxidative Status Markers in Saltwater Fish from the Ionic Coast of Sicily, Mediterranean Sea. <i>International Journal of Environmental Research</i> , 2020, 14, 15-27.	1.1	10
105	Assessment of Ecologic Quality in Terms of Heavy Metal Concentrations in Sediment and Fish on Sakarya River and Dam Lakes, Turkey. <i>Soil and Sediment Contamination</i> , 2020, 29, 292-303.	1.1	21
106	Effects of metals on sperm quality, fertilization and hatching rates, and embryo and larval survival of pejerrey fish (<i>Odontesthes bonariensis</i>). <i>Ecotoxicology</i> , 2020, 29, 1072-1082.	1.1	15
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108	A Machine Learning Approach in Analyzing Bioaccumulation of Heavy Metals in Turbot Tissues. <i>Molecules</i> , 2020, 25, 4696.	1.7	13
109	Acanthocephalans parasites of two Characiformes fishes as bioindicators of cadmium contamination in two neotropical rivers in Brazil. <i>Science of the Total Environment</i> , 2020, 738, 140339.	3.9	21
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111	Performance Evaluation in Composting of Sewage Sludge with Different Bulking Agents. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	0.7	10

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113	Recent advances on application of gold nanorods in detection field. <i>Materials Research Express</i> , 2021, 8, 032001.	0.8	3
114	Bioaccumulation of some Heavy Metals in Red mullet (<i>Mullus barbatus</i>) and Common pandora (<i>Pagellus erythrinus</i>) in Zliten Coast, Libya. <i>Jurnal Ilmiah Perikanan Dan Kelautan</i> , 2021, 13, 91.	0.4	1
115	Risk assessment of trace elements in selected imported frozen fish fillet in Jordanian market. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 2749-2758.	1.8	3
116	Changes in Cadmium Concentration in Muscles, Ovaries, and Eggs of Silver European Eel (<i>Anguilla t. anguilla</i>). <i>Journal of Environmental and Public Health</i> , 2021, 2021, 10, 10.	1.0	10
117	3D-printed fluidic electrochemical microcell for sequential injection/stripping analysis of heavy metals. <i>Analytica Chimica Acta</i> , 2021, 1159, 338426.	2.6	9
118	Potential Usage of Pufferfish Dentin as a Metal Accumulation Indicator. <i>Journal of Water Chemistry and Technology</i> , 2021, 43, 269-275.	0.2	2
119	Enhanced Wound Healing Activity of Undenatured Type I Collagen Isolated from Discarded Skin of Black Sea Gilthead Bream (<i>Sparus aurata</i>) Conditioned as 3D Porous Dressing. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100293.	1.0	8
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121	Magnetic Dispersive Solid Phase Extraction of Cu (II) as 1-(2-pyridylazo)-2-naphthol Chelates on Fe ₃ O ₄ @XAD-16. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 1971-1980.	0.7	14
122	Seasonal variations of heavy metals in some tissues of <i>Chondrostoma regium</i> (Heckel, 1843) from Batman Dam, Turkey. <i>Journal of the Institute of Science and Technology</i> , 0, , 1944-1952.	0.3	3
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125	Japon Balığı (<i>Carassius auratus</i> Linnaeus, 1758) Dokularında Bor Akümüülasyonu. <i>Turkish Journal of Agriculture: Food Science and Technology</i> , 2015, 3, 498.	0.1	3
126	Determination of Heavy Metal Levels, Oxidative Status, Biochemical and Hematological Parameters in <i>Cyprinus carpio</i> L., 1758 from Bafra (Samsun) Fish Lakes. <i>Journal of Animal and Veterinary Advances</i> , 2010, 9, 617-622.	0.1	23
127	Analysis of Heavy Metal Concentrations in Tilapia Fish (<i>Oreochromis niloticus</i>) From Four Selected Markets in Selangor, Peninsular Malaysia. <i>Journal of Biological Sciences</i> , 2012, 12, 138-145.	0.1	22
128	Heavy Metals: An Ambiguous Category of Inorganic Contaminants, Nutrients and Toxins. <i>Research Journal of Environmental Sciences</i> , 2011, 5, 682-690.	0.5	14
129	Fish Tissue Bio-concentration and Interspecies Uptake of Heavy Metals from Waste Water Lagoons. <i>Journal of Pollution Effects & Control</i> , 2016, 04, .	0.1	12
130	Square-Wave Adsorptive Cathodic Stripping Voltammetric Determination of Manganese (II) Using a Carbon Paste Electrode Modified with Montmorillonite Clay. <i>American Journal of Analytical Chemistry</i> , 2013, 04, 197-206.	0.3	7

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131	Determination of P, Ca, Zn, Cd and Pb concentrations in muscle, gills, liver, gonads and skeletons of two natural populations of <i>Atherina lagunae</i> in North Tunis Lake, Tunisia. <i>Journal of Water Resource and Protection</i> , 2011, 03, 421-428.	0.3	12
132	Accumulation of manganese in selected links of food chains in aquatic ecosystems. <i>Journal of Elementology</i> , 2015, , .	0.0	2
133	The Levels of Toxic Metals in Blue Crab <i>Portunus segnis</i> from Persian Gulf. <i>Journal of Marine Science: Research & Development</i> , 2013, 04, .	0.4	3
134	ASSESSMENT OF HEAVY METALS IN DIFFERENT BODY PARTS OF <i>Sarotherodon galilaeus</i> FROM ILO-IDIMU RIVER, OTA OGUN STATE, NIGERIA. <i>Journal of Aquaculture Engineering and Fisheries Research</i> , 0, , 36-41.	0.6	0
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