

Toxic metals in commercial marine fish in Oman with reference to international standards

Chemosphere

85, 67-73

DOI: [10.1016/j.chemosphere.2011.05.057](https://doi.org/10.1016/j.chemosphere.2011.05.057)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Study on heavy metals levels and its risk assessment in some edible fishes from Bangshi River, Savar, Dhaka, Bangladesh. <i>Food Chemistry</i> , 2012, 134, 1847-1854.	4.2	381
2	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
3	Concentration and Exposure Assessment of Mercury in Commercial Fish and Other Seafood Marketed in Oman. <i>Journal of Food Science</i> , 2013, 78, T1082-90.	1.5	16
4	Evaluation of possible health risks of heavy metals by consumption of foodstuffs available in the central market of Rajshahi City, Bangladesh. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 3867-3878.	1.3	220
5	HEXAVALENT CHROMIUM TOXICITY TO CYANOBACTERIUM SPIRULINA PLATENSIS. <i>International Research Journal of Pharmacy</i> , 2014, 5, 910-914.	0.0	12
6	Fish Oil Supplements, Contaminants, and Excessive Doses. , 2014, , 447-454.		2
7	Assessment of trace metal concentrations in muscle tissue of certain commercially available fish species from Kayseri, Turkey. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4619-4628.	1.3	21
8	Arsenic and lead in foods: a potential threat to human health in Bangladesh. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 1982-1992.	1.1	69
9	Bioaccumulation of heavy metals in some tissues of fish in the Red Sea, Egypt. <i>Egyptian Journal of Basic and Applied Sciences</i> , 2014, 1, 97-105.	0.2	291
10	Trace element accumulation in anadromous sea lamprey spawners. <i>Ecology of Freshwater Fish</i> , 2014, 23, 193-207.	0.7	15
12	The effects of heavy metals concentration on some commercial fish in Ogun River, Opeji, Ogun State, Nigeria. <i>African Journal of Environmental Science and Technology</i> , 2015, 9, 365-370.	0.2	8
13	Measurement of heavy metals accumulation in ctendia of <i>Anadara ehrenbergi</i> (Dunker, 1868) using energy-dispersive x-ray fluorescence (EDXRF). <i>Journal of Oceanography and Marine Science</i> , 2015, 6, 1-19.	0.8	2
14	Heavy metal and trace element contents in edible muscle of three commercial fish species, and assessment of possible risks associated with their human consumption in Saudi Arabia. <i>Journal of Advanced Veterinary and Animal Research</i> , 2015, 2, 271.	0.5	8
15	Assessment of trace metals in fish species of urban rivers in Bangladesh and health implications. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 347-357.	2.0	74
16	Combining multivariate analysis and human risk indices for assessing heavy metal contents in muscle tissues of commercially fish from Southern Red Sea, Saudi Arabia. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17012-17021.	2.7	30
17	Fatty Acid Profile and Selected Chemical Contaminants in Yellowfin Tuna From the Arabian Sea. <i>International Journal of Food Properties</i> , 2015, 18, 2764-2775.	1.3	8
18	The assessment of trace metals at gill, muscle and liver tissue in <i>Mugil cephalus</i> . <i>Environmental Monitoring and Assessment</i> , 2015, 187, 255.	1.3	4
19	Heavy metals in fish from the Red Sea, Arabian Sea, and Indian Ocean: effect of origin, fish species and size and correlation among the metals. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 218.	1.3	16

#	ARTICLE	IF	CITATIONS
20	Heavy metal, trace element and petroleum hydrocarbon pollution in the Arabian Gulf: Review. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2015, 17, 90-100.	1.0	49
21	Levels and Health Risk Assessments of Cd and Pb in Pomadasys maculatus Marketed by Karachi Fish Harbor, Pakistan. Ilmu Kelautan: Indonesian Journal of Marine Sciences, 2016, 21, 53.	0.3	3
22	Metal Concentrations in Two Commercial Tuna Species from an Active Volcanic Region in the Mid-Atlantic Ocean. Archives of Environmental Contamination and Toxicology, 2016, 70, 341-347.	2.1	29
23	Heavy metal levels in kiwifruit orchard soils and trees and its potential health risk assessment in Shaanxi, China. Environmental Science and Pollution Research, 2016, 23, 14560-14566.	2.7	38
24	Heavy metal concentration in muscle of pike (<i>Esox lucius</i> Linnaeus, 1758) from Anzali international wetland, southwest of the Caspian Sea and their consumption risk assessment. Toxin Reviews, 2016, 35, 217-223.	1.5	56
25	Assessment of heavy metals contamination and human health risk in shrimp collected from different farms and rivers at Khulna-Satkhira region, Bangladesh. Toxicology Reports, 2016, 3, 346-350.	1.6	84
26	Heavy metals in yellowfin tuna (<i>Thunnus albacares</i>) and common dolphinfish (<i>Coryphaena hippurus</i>) landed on the Ecuadorian coast. Science of the Total Environment, 2016, 541, 149-154.	3.9	66
27	Seafood safety and quality: An analysis of the supply chain in the Sultanate of Oman. Food Control, 2016, 59, 651-662.	2.8	23
28	Bioaccumulation of heavy metals in some tissues of croaker fish from oil spilled rivers of Niger Delta region, Nigeria. Asian Pacific Journal of Tropical Biomedicine, 2017, 7, 563-568.	0.5	39
29	Dietary intake of heavy metals from eight highly consumed species of cultured fish and possible human health risk implications in Bangladesh. Toxicology Reports, 2017, 4, 574-579.	1.6	138
30	A Scenario Based Impact Assessment of Trace Metals on Ecosystem of River Ganges Using Multivariate Analysis Coupled with Fuzzy Decision-Making Approach. Water Resources Management, 2017, 31, 4165-4185.	1.9	35
31	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. Journal of the Science of Food and Agriculture, 2018, 98, 2915-2924.	1.7	30
32	Assessment of trace metals contamination in <i>Diplodus annularis</i> (Linnaeus, 1758) from the south coast of Sfax, Tunisia. Euro-Mediterranean Journal for Environmental Integration, 2017, 2, 1.	0.6	2
33	Bioaccumulation of heavy metals in fish species from the Meiliang Bay, Taihu Lake, China. Toxicology Reports, 2018, 5, 288-295.	1.6	267
34	Health risk assessment of instant noodles commonly consumed in Port Harcourt, Nigeria. Environmental Science and Pollution Research, 2018, 25, 2580-2587.	2.7	22
35	Heavy Metals in Sediments and Fish in the Caribbean Coast of Colombia: Assessing the Environmental Risk. International Journal of Environmental Research, 2018, 12, 289-301.	1.1	22
36	Human health impacts of exposure to metals through extreme consumption of fish from the Colombian Caribbean Sea. Environmental Geochemistry and Health, 2018, 40, 229-242.	1.8	42
37	Effect of processing on the heavy metal contents of <i>Sarotherodon galilaeus</i> , <i>Tilapia zillii</i> , and <i>Clarias gariepinus</i> from two water bodies in Osun State, Nigeria. Journal of Food Processing and Preservation, 2018, 42, e13493.	0.9	5

#	ARTICLE	IF	CITATIONS
38	Bioaccumulation of Heavy Metals in Some Tissues of Fish in Lake Geriyo, Adamawa State, Nigeria. <i>Journal of Environmental and Public Health</i> , 2018, 2018, 1-7.	0.4	95
39	Proximate Composition and Heavy Metal Analysis of Three Aquatic Foods in Makoko River, Lagos, Nigeria. <i>Journal of Food Quality</i> , 2018, 2018, 1-6.	1.4	7
40	Determination of selected heavy metal and analysis of proximate composition in some fish species from Ogun River, Southwestern Nigeria. <i>Heliyon</i> , 2019, 5, e02512.	1.4	40
41	Mercury and cadmium distribution in yellowfin tuna (<i>Thunnus albacares</i>) from two fishing grounds in the Indian Ocean near Sri Lanka. <i>Heliyon</i> , 2019, 5, e01875.	1.4	8
42	Metal Contamination in Seven Tributaries of the Ganga River and Assessment of Human Health Risk from Fish Consumption. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 77, 263-278.	2.1	20
43	A protective study of curcumin associated with Cr6+ induced oxidative stress, genetic damage, transcription of genes related to apoptosis and histopathology of fish, <i>Channa punctatus</i> (Bloch,.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	0.1	9
44	Accumulation and Human Health Risk of Heavy Metals in Cultured Rainbow Trout (<i>Oncorhynchus</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> <i>Thalassas</i> , 2019, 35, 305-317.	0.1	9
45	Assessment of the anthropogenic influence on contamination level present in Vitória's bay - Espírito Santo, Brazil. <i>City and Environment Interactions</i> , 2019, 4, 100030.	1.8	4
46	Evaluation of Possible Human Health Risk of Heavy Metals from the Consumption of Two Marine Fish Species <i>Tenualosa ilisha</i> and <i>Dorosoma cepedianum</i> . <i>Biological Trace Element Research</i> , 2019, 191, 485-494.	1.9	30
47	Doehlert design in the optimization of ultrasound assisted dissolution of fish fillet samples with tetramethyl ammonium hydroxide for metals determination using FAAS. <i>Food Chemistry</i> , 2019, 273, 71-76.	4.2	12
48	Heavy metal concentrations in commercially valuable fishes with health hazard inference from Karnaphuli river, Bangladesh. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020, 26, 2646-2662.	1.7	59
49	Concentration of Potentially Harmful Elements (PHEs) in Trout Fillet (Rainbow and Brown) Fish: a Global Systematic Review and Meta-analysis and Health Risk Assessment. <i>Biological Trace Element Research</i> , 2021, 199, 3089-3101.	1.9	16
50	Heavy metals, parasitologic and oxidative stress biomarker investigations in <i>Heterotis niloticus</i> from Lekki Lagoon, Lagos, Nigeria. <i>Toxicology Reports</i> , 2020, 7, 1075-1082.	1.6	15
51	HEAVY METALS IN TUNA SPECIES MEAT AND POTENTIAL CONSUMER HEALTH RISK: A REVIEW. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 494, 012013.	0.2	5
52	Bioaccumulation and distribution pattern of heavy metals in aquaculture systems found in Arusha and Morogoro regions of Tanzania. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 5961-5978.	1.8	3
53	Assessment of Trace Elements in the Demersal Fishes of a Coastal River in Bangladesh: a Public Health Concern. <i>Thalassas</i> , 2020, 36, 641-655.	0.1	22
54	Bioaccumulation of priority trace metals in edible muscles of West African lungfish (<i>Protopterus</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> 1779557.	1.6	12
55	Human health risk assessment of heavy metals via consumption of commercial marine fish (<i>Thunnus</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i> <i>Pollution Research</i> , 2020, 27, 14944-14952.	2.7	32

#	ARTICLE	IF	CITATIONS
56	Sentinel species for biomonitoring and biosurveillance of environmental heavy metals in Nigeria. <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , 2020, 38, 21-60.	0.4	16
57	Assessment of the Levels of Pollution and of Their Risks by Radioactivity and Trace Metals on Marine Edible Fish and Crustaceans at the Bay of Bengal (Chattogram, Bangladesh). <i>Environments - MDPI</i> , 2021, 8, 13.	1.5	9
58	The elemental distribution study of heavy metals (Fe, Cu, Cd, As, Cr, Ni and Hg) in various fish species at local market in Muar, Johor using SEM-EDX. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1106, 012030.	0.3	0
59	Assessment of heavy metals in farmed shrimp, <i>Penaeus monodon</i> sampled from Khulna, Bangladesh: An inimical to food safety aspects. <i>Heliyon</i> , 2021, 7, e06587.	1.4	25
60	Evaluation of Heavy Metal Contamination in Some Selected Commercial Fish Feeds Used in Bangladesh. <i>Biological Trace Element Research</i> , 2022, 200, 844-854.	1.9	20
61	Health risk assessment of heavy metals in marine fish to the population in Zhejiang, China. <i>Scientific Reports</i> , 2021, 11, 11079.	1.6	30
62	Validation of Determination by Icp-Oes Method of Mercury Residual Levels in Meat of Canned Fish Sold in Turkey. <i>Hacettepe Journal of Biology and Chemistry</i> , 0, , .	0.3	0
63	Distribution, source identification and potential ecological risk of heavy metals in surface sediments of the Mongla port area, Bangladesh. <i>Toxin Reviews</i> , 2022, 41, 834-845.	1.5	12
64	Comprehensive analysis of toxic metals and their sources accumulated by cultured <i>Oreochromis niloticus</i> in Pagla Sewage Treatment Plant, Narayanganj, Dhaka, Bangladesh. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	6
65	Preliminary Evaluation of Heavy Metal Contamination and Source Identification in Kuala Lumpur SMART Stormwater Pond Sediments Using Pb Isotopic Signature. <i>Sustainability</i> , 2021, 13, 9020.	1.6	2
66	Microplastics and trace metals in fish species of the Gulf of Mannar (Indian Ocean) and evaluation of human health. <i>Environmental Pollution</i> , 2021, 291, 118089.	3.7	45
68	White muscle as a bio-indicator of cadmium (Cd) pollution across Kalpani River Mardan, Khyber Pakhtunkhwa Pakistan. <i>International Journal of Biosciences</i> , 2013, 3, 105-116.	0.4	2
69	Effect of Frozen Storage on Nutritional, Microbial and Sensorial Quality of Fish Balls and Fish Fingers Produced from Indian Mackerel. <i>Current Research in Nutrition and Food Science</i> , 2020, 8, 852-861.	0.3	3
72	Trace Metal Contamination in Tropical Endemic Fish: Factorial Effect Interactions and In situ Quantitative Risk Assessment. <i>Journal of Environmental and Occupational Science</i> , 2015, 4, 10.	0.2	8
73	Trace metals and organochlorine pesticide residues in imported fishes in Bangladesh and human health risk implications. <i>Environmental Science and Pollution Research</i> , 2022, 29, 17499-17512.	2.7	2
74	Acanthocephalan Worms Mitigate the Harmful Impacts of Heavy Metal Pollution on Their Fish Hosts. <i>Fishes</i> , 2021, 6, 49.	0.7	5
75	Dietary intake of trace elements from commercially important fish and shellfish of Thoothukudi along the southeast coast of India and implications for human health risk assessment. <i>Marine Pollution Bulletin</i> , 2021, 173, 113020.	2.3	17
76	Bioaccumulation profile of heavy metals in the gills tissue of <i>Wallago attu</i> (MULLEY) from Kalpani River Mardan, Khyber Pakhtunkhwa Pakistan. <i>International Journal of Biosciences</i> , 2013, 3, 165-174.	0.4	5

#	ARTICLE	IF	CITATIONS
77	Metal contents in fish and crustaceans from brackish, freshwater and marine systems in South-Western Nigeria. Ribarstvo, Croatian Journal of Fisheries, 2017, 75, 143-152.	0.2	2
78	Heavy metals risk assessment in <i>Salmo letnica</i> from Lake Ohrid in Albania. Marine and Freshwater Research, 2019, 70, 1543.	0.7	0
79	Bioaccumulation of Total Hydrocarbon and Heavy Metals in Body Parts of the West African Red Mangrove Crab (<i>Goniopsis pelii</i>) in the Niger Delta, Nigeria. International Letters of Natural Sciences, 0, 75, 1-12.	1.0	5
80	Bioaccumulation of Heavy Metals from Mining Effluents in the Tissues of Fish <i>Puntius narayani</i> . Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship, 2019, 68, .	0.1	0
81	How variations in concentrations of metal ions and suspended solids downstream river Rwabakazi in Uganda can be used to study pollution. Journal of Advances in Chemistry, 0, 17, 44-63.	0.1	0
82	Analysis of Heavy Metal Accumulation in Fishes from the Coast of Lautoka, Fiji. Chemistry Journal of Moldova, 2020, 15, 51-57.	0.3	1
83	Ä°skenderun KÄ±rfezi'ndeki iki karides tÄ±rÄ±nÄ±n, <i>Penaeus semisulcatus</i> (de Haan, 1844) ve <i>Metapenaeus monoceros</i> 'un (Fabricius, 1798) aÄ±r metal iÅeriÄi Ä±zerine bir meta analiz. KahramanmaraÅ SÄ±tÄ±Ä± Ä°mam Ä°niversitesi TarÄ±m Ve DoÄya Dergisi, 0, , .	0.2	0
84	BIOACCUMULATION OF HEAVY METALS IN THAIS SPP OBTAINED FROM THE NIGER DELTA REGION OF NIGERIA AND ASSOCIATED HEALTH RISKS DUE TO CONSUMPTION. Journal of Bio Innovation, 2020, 9, 1137-1157.	0.0	0
85	Diversification of sexual sizedimorphism in <i>Cyclops vicinus</i> . KahramanmaraÅ SÄ±tÄ±Ä± Ä°mam Ä°niversitesi TarÄ±m Ve DoÄya Dergisi, 0, , .	0.2	0
86	Effect of Household Water Treatment on the Concentration of Heavy Metals of Drinking Water in Ahvaz City. Iranian South Medical Journal, 2020, 22, 402-414.	0.2	2
87	Multifactorial causes of an emaciated wild <i>Lutjanus erythropterus</i> in Oman. Veterinary Record Case Reports, 0, , e215.	0.1	0
88	Occurrence and Impact of Heavy Metals on Some Water, Land, Flora and Fauna Resources across Southwestern Nigeria. , 0, , .		0
89	Human Health Risk Assessment with Reference to the Consumption of Shrimp and Marine Fish. Pakistan Journal of Biological Sciences, 2020, 23, 1291-1302.	0.2	5
90	Cadmium and lead levels in three freshwater fish species from the Zambezi region, Namibia. African Journal of Aquatic Science, 2020, 45, 520-524.	0.5	2
91	Chemical residues: potential food safety hazards in the Middle East. , 2022, , 143-186.		3
92	Concentration, source identification, and potential human health risk assessment of heavy metals in chicken meat and egg in Bangladesh. Environmental Science and Pollution Research, 2022, 29, 22031-22042.	2.7	10
93	Determination of concentrations of some elements in marine consumables from Thane creek area (Mumbai, India) using ED-XRF technique; and risk assessment. International Journal of Environmental Analytical Chemistry, 0, , 1-16.	1.8	0
94	Bioaccumulation of heavy metals in the food components from water and sediments in the coastal waters of Kalpakkam, Southeast coast of India. Environmental Nanotechnology, Monitoring and Management, 2022, 17, 100627.	1.7	9

#	ARTICLE	IF	CITATIONS
95	Heavy Metals in the Fish <i>Tenualosa ilisha</i> Hamilton, 1822 in the Padma-Meghna River Confluence: Potential Risks to Public Health. <i>Toxics</i> , 2021, 9, 341.	1.6	9
96	Evaluation of Health Risks Related to the Consumption of Fish from the Gussabo River. <i>Food and Nutrition Sciences (Print)</i> , 2022, 13, 55-64.	0.2	0
97	Toxic metal pollution and ecological risk assessment in water and sediment at ship breaking sites in the Bay of Bengal Coast, Bangladesh. <i>Marine Pollution Bulletin</i> , 2022, 175, 113274.	2.3	37
98	Spatiotemporal variation and toxicity of trace metals in commercially important fish of the tidal Pasur River in Bangladesh. <i>Environmental Science and Pollution Research</i> , 2022, 29, 40131-40145.	2.7	8
99	Determination of arsenic and mercury in longtail tuna (<i>Thunnus tonggol</i>) collected from Terengganu waters: risk assessment of dietary exposure. <i>Fisheries and Aquatic Sciences</i> , 2022, 25, 167-174.	0.3	1
100	Adverse Effects of Heavy Metals on Aquatic life. , 0, , 03-08.		0
101	Seasonal behavior and accumulation of some toxic metals in commercial fishes from Kirtankhola tidal river of Bangladesh – A health risk taxation. <i>Chemosphere</i> , 2022, 301, 134660.	4.2	23
102	Assessment of the ameliorative roles of vitamin e on the histopathology of <i>Clarias Cariepinus</i> (Burchell, 1822) fingerlings exposed to lead nitrate. <i>Global Journal of Zoology</i> , 2022, 7, 001-008.	0.2	0
103	Heavy Metals in Unprocessed or Minimally Processed Foods Consumed by Humans Worldwide: A Scoping Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8651.	1.2	11
104	Assessing risk to human health for potentially toxic elements in farmed and wild giant tiger prawn (<i>Paeneas monodon</i>) in the coastal area of Bangladesh. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-14.	1.8	2
105	Bioaccumulation of Total Hydrocarbon and Heavy Metals in Body Parts of the West African Red Mangrove Crab (<i>Goniopsis pelii</i>) in the Niger Delta, Nigeria. <i>International Letters of Natural Sciences</i> , 0, 75, 1-12.	1.0	2
106	Bioaccumulation of heavy metals in the different tissues of Mackerel scad, <i>Decapterus macarellus</i> (Cuvier, 1833) collected from Karachi and Gwadar Coasts of Pakistan. <i>Saudi Journal of Biological Sciences</i> , 2023, 30, 103540.	1.8	4
107	Metals bioaccumulation, possible sources and consumption risk assessment in five Sillaginid species, a case study: Bandar Abbas (Persian Gulf) and Chabahar Bay (Oman Sea), Iran. <i>Marine Pollution Bulletin</i> , 2023, 187, 114551.	2.3	2
108	Health risk assessment of exposure to heavy metals in fish species consumed in Aba, Abia State, Nigeria. <i>Analele Universitii Ovidius Constanța: Seria Chimie</i> , 2022, 33, 177-187.	0.2	1
109	Trace metal concentration in common fishes from the Lagos lagoon, Southwestern Nigeria. <i>Regional Studies in Marine Science</i> , 2023, 60, 102844.	0.4	1
110	Content of Trace Elements and Human Health Risk Assessment via Consumption of Commercially Important Fishes from Montenegrin Coast. <i>Foods</i> , 2023, 12, 762.	1.9	2