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Journal Publications

Mahdi Sadeghi, Seyed Mahmoud Ghasempouri, Nader Bahramifar: *Accumulation Pattern of Essential and Xenobiotic Elements in feather growth locations, Short-time and Long-time Biomonitoring with Tropic Levels Approach in Wintering Waterfowl of Northern Iran*. Journal of Environmental Science and Technology 04/2016;

Yousef Majidi, Nader Bahramifar, Seyed Mahmoud Ghasempouri: *Pattern of mercury accumulation in different tissues of migratory and resident birds: Western reef heron (Egretta gularis) and Siberian gull (Larus heuglini) in Hara International Wetland—Persian Gulf*. Environmental Monitoring and Assessment 11/2015; 187(1). DOI:10.1007/s10661-014-4082-1

Eisa Solgi, Mahmoud Ghasempouri: *Application of Brown Bear (Ursus arctos) Records for Retrospective Assessment of Mercury*. Journal of Toxicology and Environmental Health Part A 04/2015; 78(5). DOI:10.1080/15287394.2014.968816

Nasrin Kayvanfar, Mansour Aliabadian, Seyed Mahmoud Ghasempouri: *Morphometric and morphological differentiation of the subspecies of Phasianus colchicus (Linnaeus, 1758) on the Iranian Plateau (Aves: Galliformes)*. Zoology in the Middle East 01/2015; 61(1). DOI:10.1080/09397140.2014.994300

Mohammad Hosein Sinka Karimi, Ali Reza Pourkhabbaz, Mehdi Hassanpour, Jeffrey M. Levenson, Seyed Mahmoud Ghasempouri: *Potential human health risk assessment of heavy metals in the muscle of mallard and pochard in the southeastern Caspian Sea, Iran.*

Mohsen Ahmadpour, Hamid Seyed, Hoseini, Mousa Ahmadpour, Abdolreza Mashrofeh, Mohammad Hosein Sinkakarimi, Seyed Mahmoud Ghasempouri, Ali Reza Pourkhabbaz, Tahereh Eskandari: *Assessment of Mercury Concentration in Feathers of Six Species of Waterbirds in Southern Caspian Sea Wetlands.*

Reza Dahmardeh Behrooz, Seyed Mahmoud Ghasempouri, Amin Mishmast Nehi, Mohsen Nowrouzi, Mandana Barghi: *Mercury contamination in five owl species from Iran.* Chemical Speciation and Bioavailability 08/2014; 26(3). DOI:10.3184/095422914X14035470360542

Fatemeh Ahmadipour, Nader Bahramifar, Seyed Mahmoud Ghasempouri: *Fractionation and mobility of cadmium and lead in soils of Amol area in Iran, using the modified BCR sequential extraction method.* Chemical Speciation and Bioavailability 02/2014; 26(1). DOI:10.3184/095422914X13884321932037

M. Aliabadian, H. Barani-Beiranvand, S. M. Ghasempouri: *Expeditions of N. A. Zarudny in Iran (Persia)..*

Narjes Okati, Abbas Esmaili Sari, Seyed Mahmoud Ghasempouri: *Hair Mercury Concentrations of Lactating Mothers and Breastfed Infants in Iran (Fish Consumption and Mercury Exposure).* Biological trace element research 05/2012; 149(2). DOI:10.1007/s12011-012-9424-7

Mandana Barghi, Reza Dahmardeh Behrooz, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri: *Mercury Exposure Assessment in Iranian Pregnant Women's Hair with Respect to Diet, Amalgam Filling, and Lactation.* Biological trace element research 03/2012; 148(3). DOI:10.1007/s12011-012-9384-y

Abbas Esmaili-Sari, Esmail Abdollahzadeh, Sharif Joorabian Shooshtari, Seyed Mahmoud Ghasempouri: *Hair Mercury Levels in Six Iranian Sub-populations for Estimation of Methylmercury Exposure: A Mini-review.*

Eisa Solgi, Seyed Mahmoud Ghasempouri, A Esmaili Sari: *Mercury Levels in the River Otters (Lutra lutra) of Iran: Feasibility of Back Calculation for Trace Elements Using Old Stuffed Specimens.*

Zohreh Ebrahimi Sirizi, Mohamad Sakizadeh, Abbas Esmaili Sari, Nader Bahramifar, Seyed Mahmoud Ghasempouri, Keyvan Abbasi: *Survey of Heavy Metals (Cd, Pb, Cu and Zn) Contamination in Muscle tissue of Esox lucius from Anzali International Wetland: Accumulation and Risk Assessment.*

Mohsen Ahmadpour, SH Hoseini, SM Ghasempouri, A Jafari, MH SinkaKarimi, H Amouie, others: *A survey on the flora and the fauna of the Fereydunkenar International wetland for better conservation management..*

Jaber Aazami, Abbas Esmaili Sari, Mohsen Jafar Nejad, Mahmud Ghasempouri, Nader Bahrami-far, others: *The ratio of organic mercury to total mercury in some organs of great cormorant (Phalacrocorax carbo) caught from Gomishan and Anzali International Wetlands (In Persian).*

Fateme Rajaei, Abbas Esmaili Sari, Nader Bahramifar, Mozhgan Savabieasfahani, Mahmud Ghasempouri: *Persistent Organic Pollutants in Muscle and Feather of Ten Avian Species from*

Mazandaran Province of Iran, on the Coast of the Caspian Sea. *Bulletin of Environmental Contamination and Toxicology* 12/2011; 87(6). DOI:10.1007/s00128-011-0420-y

Sharif Joorabian Shooshtari, Mojtaba Shirood Najafi, Neda Khosravi, Seyed Mahmoud Ghasempouri, Abbas Esmaili Sari: *Concentration of Mercury in Selected Tissues of the Caspian Lamprey (Casiomyzon wagneri) Migrants in Spawning Season.*

Ahmad Barati, Asieh Aliakbari, Seyed Mahmoud Ghasempouri: *Variations in breeding success and daily nest survival of Whiskered Tern (Chlidonias hybrida) at two Iranian colonies.* *Russian Journal of Ecology* 07/2011; 42(4). DOI:10.1134/S1067413611040059

J Aazami, A Esmaili-Sari, N Bahramifar, M Ghasempouri, M Savabieasfahani: *Mercury in Liver, Kidney, Feather and Muscle of Seabirds from Major Wetlands of the Caspian Sea, Iran.* *Bulletin of Environmental Contamination and Toxicology* 06/2011; 86(6). DOI:10.1007/s00128-011-0271-6

Elaheh Norouzi, Nader Bahramifar, Seyed Mahmoud Ghasempouri: *Effect of teeth amalgam on mercury levels in the colostrums human milk in Lenjan.* *Environmental Monitoring and Assessment* 04/2011; 184(1). DOI:10.1007/s10661-011-1974-1

F Rajaei, A. Esmaili Sari, M Savabieasfahani, N Bahramifar, M Ghasempouri: *Liver and Breast Feather Mercury in Piscivorous Birds of the Caspian Sea: Monitoring Changes.* *Bulletin of Environmental Contamination and Toxicology* 03/2011; 86(5). DOI:10.1007/s00128-011-0259-2

A Aliakbari, M Savabieasfahani, S M Ghasempouri: *Mercury in Egg and Eggshell of Whiskered Tern (Chlidonias hybrida) from Anzali Wetlands of the Caspian Sea, Iran.* *Bulletin of Environmental Contamination and Toxicology* 02/2011; 86(2). DOI:10.1007/s00128-010-0155-1

MOHSEN AHMADPOUR, MOHAMMAD HOSEIN SINKAKARIMI, SEYED MAHMUD GHASEMPOURI, KACHO MOUSA AHMADPOUR: *THE AUTUMN REVIEW OF THE DIVERSITY AND DENSITY OF AQUATIC BIRDS AND WADERS IN TRILOGY OF DAMGAH IN SORKHRUD INTERNATIONAL WETLAND.*

Abbas Esmaili-Sari, Esmail Abdollahzadeh, Sharif Joorabian Shooshtari, Seyed Mahmoud Ghasempouri: *Fish consumption limit for mercury compounds.*

Jaber Aazami, Abbas Esmaili-Sari, Nader Bahramifar, Seyed Mahmoud Ghasempouri, Amir Mohammad Kazemifar: *A modified method for the determination of organic mercury in biota [great cormorants (phalacrocorax carbo)] by advanced mercury analyzer.*

BAHRAMIFAR NADER MAJIDI YOUSEF, SEYED MAHMUD GHASEMPOURI: *WESTERN REEF HERON (EGRETTA GULARIS) AS A BIO-INDICATOR OF MERCURY POLLUTION IN THE HARA INTERNATIONAL WETLAND, PERSIAN GULF.*

Mohsen Ahmadpour, MH Sinka Karimi, Seyed Mahmoud Ghasempouri, Mousa Ahmadpour, Younes Yaghoobzadeh: *A three years study of the diversity and density of waterfowl and waders in Sorkhrud International Wetland (October 2007--March 2010).* *Scientific research and essays* 01/2011; 6(30).

Jaber Aazami, Abbas Esmaili-Sari, Nader Bahramifar, Seyed Mahmoud Ghasempouri, Amir Mohammad Kazemifar: *A modified method for the determination of organic mercury in biota [great cormorants (phalacrocorax carbo)] by advanced mercury analyzer.*

M Khosravi, N Bahramifar, M Ghasempouri: *Survey of Heavy Metals (Cd, Pb, Hg, Zn and Cu) Contamination in Sediment of Three Sites Anzali Wetland.*

M. Aliabadian, S. Riyahi, F. Ghorbani, Are Saether, S. M. Ghasempouri, Sætre G-P: *Eight new records of bird species from North- Eastern Iran.*

E. Norouzi, N. Bahramifar, S.M. Ghasempouri: *Determination concentration of lead in breast in lactating women in region industrial zarinshahr and effect on infant.* Journal of Isfahan Medical School 12/2010; 28(112).

Ali Daneshi, Habibollah Younesi, Seyd Mahmood Ghasempouri, Mazyar Sharifzadeh: *Production of Poly-3-hydroxybutyrate by Cupriavidus necator from Corn Syrup: Statistical Modeling and Optimization of Biomass Yield and Volumetric Productivity.* Journal of Chemical Technology & Biotechnology 11/2010; DOI:10.1002/jctb.2463

Fateme Rajaei, Abbas Esmaili-Sari, Nader Bahramifar, Seyed Mahmood Ghasempouri, Mozghan Savabieasfahani: *Erratum to: Mercury Concentration in 3 Species of Gulls, Larus ridibundus, Larus minutus, Larus canus, From South Coast of the Caspian Sea, Iran.* Bulletin of Environmental Contamination and Toxicology 11/2010; 85(6). DOI:10.1007/s00128-010-0128-4

Fateme Rajaei, Nader Bahramifar, Abbas Esmaili-Sari, Seyed Mahmood Ghasempouri, Mozghan Savabieasfahani: *Erratum to: PCBs and Organochlorine Pesticides in Ducks of Fereydoon-kenar Wildlife Refuge in Iran.* Bulletin of Environmental Contamination and Toxicology 11/2010; 85(6). DOI:10.1007/s00128-010-0129-3

Jaber Aazami, Abbas Esmaili-Sari, Seyed Mahmood Ghasempouri, Nader Bahramifar: *Examination of Toxic Metals (mercury) in Coot (Fulica atra) and Cormorant (Phalacrocorax carbo) Collected in Anzali and Gomishan Wetlands, Iran.*

Hassan Malvandi, Seyed Mahmood Ghasempouri, Abbas Esmaili-Sari, Nader Bahramifar: *Evaluation of the suitability of golden jackal (Canis aureus) hair as a noninvasive technique for determination of body burden mercury.* Ecotoxicology 08/2010; 19(6). DOI:10.1007/s10646-010-0504-1

Fateme Rajaei, Abbas Esmaili Sari, Nader Bahramifar, Seyed Mahmood Ghasempouri, Mozghan Savabieasfahani: *Mercury Concentration in 3 Species of Gulls, Larus ridibundus, Larus minutus, Larus canus, From South Coast of the Caspian Sea, Iran.* Bulletin of Environmental Contamination and Toxicology 06/2010; 84(6). DOI:10.1007/s00128-010-9973-4

Fateme Rajaei, Nader Bahramifar, Abbas Esmaili Sari, Seyed Mahmood Ghasempouri, Mozghan Savabieasfahani: *PCBs and Organochlorine Pesticides in Ducks of Fereydoon-kenar Wildlife Refuge in Iran.* Bulletin of Environmental Contamination and Toxicology 05/2010; 84(5). DOI:10.1007/s00128-010-9988-x

Rasool Zamani-Ahmadmoodi, Abbas Esmaili-Sari, Mozghan Savabieasfahani, Seyed Mahmood Ghasempouri, Nader Bahramifar: *Mercury Pollution in Three Species of Waders from Shadegan Wetlands at the Head of the Persian Gulf.* Bulletin of Environmental Contamination and Toxicology 03/2010; 84(3). DOI:10.1007/s00128-010-9933-z

Ellen Vuosalo Tavakoli, Mahmoud Ghasempouri, Yenice Yaghoobzadeh: *RESULTS OF A TRADITIONAL METHOD OF SUSTAINABLE MANAGEMENT OF AN AGRO-ECOSYSTEM FOR MIGRATORY WATERBIRDS.*

M. Karimpour, M. Afyuni, A. Esmaili Sari, S. M. Ghasempouri: *Effect of Sewage Sludge on Mercury Accumulation in Soil and Corn.* Journal of residuals science and technology 01/2010; 7(1).

H Malvandi, SARI A ESMAILI, N Bahramifar, SM Ghasempouri: *Determination of persistent organic pollutants residues in liver of golden jackal (Canis aureus) collected from central coastline of Iran.*

Jaber Aazami, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri, Nader Bahramifar: *Examination of Toxic Metals (mercury) in Coot (Fulica atra) and Cormorant (Phalacrocorax carbo) Collected in Anzali and Gomishan Wetlands, Iran.*

A Esmaili Sari, M Ghasempouri, N Okati: *Examination of Mercury Concentration in the Hair of Breast-Feeding Mothers and Relation to Fish Diet, Number of Dental Amalgam Filling, Age and Place of Live.*

ESMAILI SARI ABBAS DAVODI MORTEZA, NADER BAHRAMIFAR, SEYED MAHMOUD GHASEMPOURI: *INVESTIGATION OF THE AMOUNT OF PESTICIDE DDT ACCUMULATED IN EDIBLE FISH OF SHADEGAN WETLAND AND EVALUATION OF ITS POTENTIAL RISK TO CONSUMERS.*

Seyed Mahmoud Ghasempouri, Narjes Okati, Abbas Esmaili-Sari: *Mercury in Hair of Mothers and Infants: Influencing Factors Assessment in the Southern shores of the Caspian Sea (Iran).*

Seyed Mahmoud Ghasempouri, Narjes Okati, Abbas Esmaili-Sari: *Mercury in Hair of Mothers and Infants: Influencing Factors Assessment in the Southern shores of the Caspian Sea (Iran).*

Fateme Rajaei, Abbas Esmaili-Sari, Nader Bahramifar, Mahmood Ghasempouri, Mozghan Savabieasfahani: *Avian liver organochlorine and PCB from South coast of the Caspian Sea, Iran.* Ecotoxicology 10/2009; 19(2). DOI:10.1007/s10646-009-0415-1

Ghasem Zolfaghari, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri, Raziye Rajabi Baydokhti, Bahram Hassanzade Kiabi: *A multispecies-monitoring study about bioaccumulation of mercury in Iranian birds (Khuzestan to Persian Gulf): Effect of taxonomic affiliation and trophic level.* Environmental Research 09/2009; 109(7). DOI:10.1016/j.envres.2009.07.001

Reza Dahmardeh Behrooz, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri, Nader Bahramifar, Seyed Mehdi Hosseini: *Organochlorine Pesticide and Polychlorinated Biphenyl in Feathers of Resident and Migratory Birds of South-West Iran.* Archives of Environmental Contamination and Toxicology 05/2009; 56(4). DOI:10.1007/s00244-008-9211-9

Rasool Zamani-Ahmadmoodi, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri, Mozghan Savabieasfahani: *Mercury in Wetland Birds of Iran and Iraq: Contrasting Resident Moorhen, Gallinula chloropus, and Migratory Common Teal, Anas crecca, Life Strategies.* Bulletin of Environmental Contamination and Toxicology 04/2009; 82(4). DOI:10.1007/s00128-009-9637-4

Reza Dahmardeh Behrooz, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri, Nader Bahramifar, Adrian Covaci: *Organochlorine pesticide and polychlorinated biphenyl residues in feathers of birds from*

different trophic levels of South-West Iran. Archives of Environmental Contamination and Toxicology 02/2009; 56. DOI:10.1016/j.envint.2008.07.001

GH R BANAGAR, HASANZADEH KIABI BAHRAM KARAMI MAHMOUD, SM GHASEMPOURI: *DISTRIBUTION AND BIODIVERSITY OF FISH SPECIES IN HARAZ RIVER IN MAZANDARAN PROVINCE*.

Maria G Margariti, Aristidis M Tsatsakis, Ghasem Zolfaghari, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri, Raziye Rajabi Baydokhti, Bahram Hassanzade Kiabi, Mauro Hernández, Antoni Margalida, Laëtitia Minguez, others: *TOXICOLOGY: IN VIVO*.

R Zamani, A Mahmoodi, A Esmaeeli Sari, SM GHASEMPOURI, M Davoodi, J Mansouri, others: *Little egret (Egretta garzetta) as monitor of mercury contamination in Shadegan wetland*.

SHR SADEGHI, H YAGHMAEI, SM GHASEMPOURI: *FEASIBILITY OF SUSPENDED SEDIMENT ESTIMATION USING WATER QUALITY VARIABLES*. Journal of Soil and Water Conservation 01/2009;

R Dahmardeh Behrooz, A Esmaili Sari, N Bahramifar, S M Ghasempouri: *Organochlorine Pesticide and Polychlorinated Biphenyl Residues in Human Milk from the Southern Coast of Caspian Sea, Iran*. Chemosphere 12/2008; 74(7). DOI:10.1016/j.chemosphere.2008.10.014

Rasool Zamani-Ahmadm Mahmoodi, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri, Mozghan Savabieasfahani: *Mercury levels in selected tissues of three kingfisher species; Ceryle rudis, Alcedo atthis, and Halcyon smyrnensi, from Shadegan Marshes of Iran*. Ecotoxicology. Ecotoxicology 12/2008; 18(3). DOI:10.1007/s10646-008-0284-z

Ali Daneshi, Habibollah Younesi, Mahmood Ghasempouri, Maziyar Sharifzadeh: *Production of biodegradable biopolymer, poly-3-hydroxybutyrate, from corn syrup by Ralstonia eutropha: Effect of nitrogen source*. Journal of Biotechnology 10/2008; 136. DOI:10.1016/j.jbiotec.2008.07.983

Farshid Ghorbani, Habibollah Younesi, Seyed Mahmoud Ghasempouri, Ali Akbar Zinatizadeh, Mahlihe Amini, Ali Daneshi: *Application of Response Surface Methodology for Optimization of Cadmium Biosorption in an Aqueous Solution by Saccharomyces cerevisiae*. The Chemical Engineering Journal 04/2008; DOI:10.1016/j.cej.2008.04.028

E OVEYSI, SARI A ESMAEILI, M GHASEMPOURI, P AZADFALAH: *Investigation on the effects of fleet noise pollution on general and psychological health of citizens in Yazd City*.

Ghasem Zolfaghari, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri, Soghrat Faghihzadeh: *Evaluation of environmental and occupational exposure to mercury among Iranian dentists*. Science of The Total Environment 09/2007; 381(1-3). DOI:10.1016/j.scitotenv.2007.03.007

Ghasem Zolfaghari, Abbas Esmaili-Sari, Seyed Mahmoud Ghasempouri, Bahram Hassanzade Kiabi: *Examination of mercury concentration in the feathers of 18 species of birds in southwest Iran*. Environmental Research 06/2007; 104(2). DOI:10.1016/j.envres.2006.12.002

S SOBHAN ARDAKANI, SARI A ESMAEILI, MEHRDAD CHERAGHI, M GHASEMPOURI, L TAYEBI: *DETERMINING TEHRAN'S AIR QUALITY IN 2004 USING AIR QUALITY INDEX (AQI)*.

E OVEYSI, SARI ABAS ESMAEILI, M GHASEMPOURI: *A STUDY AND MEASUREMENT OF NOISE POLLUTION DUE TO TRAFFIC, YAZD*.

SOHRAB MAZLOUMI, SARI ABAS ESMAEILI, SM GHASEMPOURI: *DETERMINATION OF MERCURY CONCENTRATION IN SOME ORGANS OF CORMORANT (PHALACROCORAX CARBO)*.

Zolfaghari Gh, Seyed M Ghasempouri, S Faghihzadeh, others: *Mercury accumulation in human hair and nails: amalgam fillings as an exposure factor*. Tehran University Medical Journal 01/2007; 65(5).

Abbas Esmaili Sari, Ghasem Zolfaghari, Mahmood S Ghasempouri, S Shayegh, Masoomeh Hasani Tabatabaei, others: *Effect of Age, Gender, Years of Practice, Specialty and Number of Amalgam restorations on Mercury Concentration in Nails of dentists practicing in Tehran*.

M. Aliabadian, S. M. Ghasempouri, R. Dahmardeh Behrooz, S. Habibi, K. Salimi: *Relationship between mercury concentration and body size in 5 species of owls, Iran*.

NEZHAD M HOSSEINI, SARI A ESMAEILI, SM GHASEMPOURI: *An investigating of carbon monoxide pollution in tunnels of Haraz road*.

ALFAGHARI GH ZOU, SARI A ESMAEILI, SM GHASEMPOURI, FARSHID GHORBANI, NA AHMADIFARD, Z SHOKRI: *THE COMPARISON OF RELATION BETWEEN AGE, SEX AND WEIGHT WITH MERCURY CONCENTRATION IN DIFFERENT TISSUES OF CHALCALBURNUS CHALCALBURNUS FROM ANZALI WETLAND, IRAN*.

ALFAGHARI GH ZOU, SARI A ESMAEILI, SM GHASEMPOURI, KIABI BAHRAM HASANZADEH: *MERCURY CONCENTRATIONS IN FEATHERS OF 37 SPECIES FROM IRANIAN BIRDS: INFLUENCE OF FOOD TYPE, FEEDING STRATEGY AND TAXONOMIC AFFILIATION*.

KHAJUIE L KAZEMZADEH, SA ESMAILI, SM GHASEMPOURI: *Assessment of Haraz River pollution from a rainbow trout farm*.

SM GHASEMPOURI, SARI A ESMAEILI: *DETERMINATION OF TOTAL HYDROCARBONS IN WATER AND SEDIMENT OF GOMISHAN WETLAND*.

SARI A ESMAEILI, SM GHASEMPOURI, Y YAGHOBZADEH: *Determination and comparison of heavy metals (Pb, Cd, Zn, Ni) in some commercial fishes and Green tiger Prawns *Penaeus semisulcatus* in Bushir area*.

SM Ghasempouri: *The Caspian Lamprey*.

G. Aazami, A. Esmaili Sari, N. Bahramifar, M. Ghasempouri, M. Gaafar Nejad: *Biologic condition of most important waterfowl Common Moorhen in Iran*.