



PhD in Environment Pollution,
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1-Personal Details

- Name : Alireza Pourkhabbaz
- Place & Date of Birth : Iran, 22 December 1969
- Occupation: Department of Environmental Sciences, University of Birjand- Birjand Iran
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2- Current position

- Associate Professor, Department of Environmental Sciences, University of Birjand, Birjand - Iran
P.O.Box. 97175-331, Tel:+98-56-3220254043-7
- Dean of Non-Government University of Hormozan, , Birjand , Southern Khorasan, Iran, Tel:+98-56-32425252, +98-56-32425151
- Manager of Environmental Consular Co. of Naibandan,

3- Related Formal Educations

- Bachelor of Environment, Faculty of Natural Resources, University of Tehran, 1991-1995
- Master of Environment, Faculty of Natural Resources, University of Tehran, 1995-1997
- Germany Language learning, 2003
- Ph.D. student at Environment pollution, George-August University of Göttingen, Germany, 2003-2007



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4- Professional Training

- **Researcher and lecturer**, Department of Environmental Sciences, Environment Faculty, Birjand University, Birjand –Iran, 1997 to date
- **-Teaching experience:** Environment and human,, Sea Pollution, Waste management, Chemical of Pollutants, Environment pollution and Project and Dissertation supervisor
- -All of my work experiences have involved working within a team-based culture; I have successfully undertaken various team projects within both academic and non-academic environments.

5- Invention

Dust detector device and sampling of air particles – Patents number: 58705 Date: 06/05/2009



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7- Publication

1. **Pourkhabbaz Alireza** and Pourkhabbaz Hamidreza, 2001, The major environmental disturbances present century (acid rain, the ozone layer, global warming), Publication; Astan Ghods, Mashhad, Iran (In Persian)
2. **Pourkhabbaz Alireza**, Pourkhabbaz Hamidreza, Javanmardi Saeideh, 2011, System Waste management and recycling of solid waste, Tehran, Iran (In Persian)
3. -Pourkhabbaz Hamidreza and **Pourkhabbaz Alireza**, 2011, Locating a sample of municipal solid waste landfill, Tehran, Iran (In Persian)
4. **Pourkhabbaz Alireza**, Pourkhabbaz Hamidreza, Javanmardi Saeideh, 2011, Air pollution and its affects on trees 1390, Tehran, Iran (Translated to Persian)
5. **Pourkhabbaz.A.R.**, 2007, The influence of air pollution on Plane, Cuvillierverlag, Goettingen, Germany.

8- Summary of National and International conferences

1. Pourkhabbaz H.R. and Pourkhabbaz A.R. 2004, Metals concentrations in trees leaves from urban area. First International Air Pollution and Combustion Conference. Ankara, Turkey.
2. Pourkhabbaz A.R., Rastin N., Polle A. Gravenhorst G., Langenfeld-Heyser R., 2005, Response of Urban trees to the Deposition of Air pollution in Central Khorassan, Iran. Third International Conference on Plants & Environmental Pollution. Lucknow, India.
3. Pourkhabbaz A.R., Rastin N. Polle A., Gravenhorst G., Langenfeld-Heyser R., 2006, Effect of heavy metal deposition on Platanusorientalis leaves. Symposium: Forests in a changing Environment. Göttingen, Germany.
4. Alireza Pourkhabbaz. ,2010, The Influence of Environmental Pollution on Leaf Properties of Plant. International Conference and Workshops. National University of Ireland, Galway.
5. Alireza Pourkhabbaz and Hamidreza Pourkhabbaz, 2012, Acute toxicity test of mercuric chloride on black fish. 9th international Symposium on Environmental Geochemistry, Aviro. Portugal, 2012.



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6. Alireza Pourkhabbaz and Hamidreza Pourkhabbaz, 2013, The metals Toxicology on freshwater fish tissues, .10th international Symposium on Environmental Geochemistry, Aviro. Portugal, 2013.
7. Alireza Pourkhabbaz, Hamidreza Pourkhabbaz, (2014), Environmental Sciences, Dubai, UEA,
8. Alireza Pourkhabbaz, HR. Pourkhabbaz, S. Javanmardi, S. Arghavani (2015), ICEII 2015, Seoul, South Korea.
9. Alireza Pourkhabbaz. Use of GF-AAS metode for determination of metal in Cigarette brands. 4th National Seminar on Chemistry and Environment. 27-28 April 2010.
10. Mohsen Norouzi, Fatemeh Hagizadeh, Alireza Pourkhabbaz. Simulation of Distribution of Gas Diffusion from Landfill Locations using Model-maker Program, Land GEM(Case Study: Shiraz). 4th National Seminar on Chemistry and Environment. 27-28 April 2010.
11. Samira Behraves, Mohammad Ebrahimpour, Alireza Pourkhabbaz, Hadi Babaei, Rahimeh Baramaki, Tahereh Khazaei. Heavy Metal Concentrations in Water from South-west Part of Anzali Wetland. 4th National Seminar on Chemistry and Environment. 27-28 April 2010.
12. Samira Behraves, Alireza Pourkhabbaz, Tahereh Khazaei. Output Pollutants of Cement Industries and their Effects on Vegetation Density. 4th National Seminar on Chemistry and Environment. 27-28 April 2010.
13. Fatemeh Hajizadeh, Mohsen Norouzi, Alireza Pourkhabbaz. Biogas Energy from Livestock Waste. 4th National Seminar on Chemistry and Environment. 27-28 April 2010.
14. Mohsen Ahmadpour, Alireza Pourkhabbaz and Seyed Mahmoud Ghasempouri, Determination of metal level of mercury in Common teal (Anas crecca), with regard to gender, from Feridonkenar international wetland, The 2nd Conference on Environmental Planning and Management, 15-16 MAY 2012, University of Tehran.
15. Mohsen Ahmadpour, Alireza Pourkhabbaz and Seyed Mahmoud Ghasempouri, The use of Common coot (Fulica atra) in biomonitoring of mercury pollution in southern coast of Caspian Sea, The 2nd Conference on Environmental Planning and Management, 15-16 MAY 2012, University of Tehran
16. Hossein Alipour, Solaiman Rakhsha, Alireza Pourkhabbaz, Mohamad Ebrahimpour Kasmani (2012) Influence of water hardness on acute toxicity of copper on black fish, The 6th national conference on world environment day.
17. Hossein Alipour, Mohammadreza Rezaei, Alireza Pourkhabbaz (2012) Survey of municipal solid waste landfills of the Bojnourd Township the index of leachate, The 6th national conference on world environment day.



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18. Hossein Alipour, Alireza Pourkhabbaz, Mehdi Hassanpour (2013) Risk assessment of metals (chromium and lead) by consumption of *Rutilus rutilus caspicus* from Miankaleh wetlands international. 21st National Congress of Food Science and Technology
 19. Mehdi Hassanpour, Hossein Alipour, Alireza Pourkhabbaz (2013) Estimation of health risks for metals (Cd and Ni) by consumption of Astrabad vobla from Caspian Sea, 21st National Congress of Food Science and Technology
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 103. Fadaei Enseihe, Pourkhabbaz Alireza, Biazar Samaneh, Bosaeidi Najmeh, Removal of Dissolved Chromium (VI) by the Cottonwast as Natural Adsorption, The 1st international conference on Environment crisis and its solution, Kish 2013
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 105. Khosravi Marzieh, Pourkhabbaz Alireza, population health Risk due to Dietary intake of metals in Alosa caspia south of Caspian sea." International congress on animal products, Mashhad 2013
 106. Sinka karimi, Pourkhabbaz Alireza, Mehdi Hassanpour, Ghasempouri Human health risks from consuming of two popular waterfowl in southeast of Caspian Sea, International congress on animal products, Mashhad 2013
- And....



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9- Papers in Persian (ISC)

1. Pourkhabbaz H.R. and Pourkhabbaz A.R. 2007. The study of air pollution of Mashhad City with determination of heavy metals on tree leaves. Journal of Science of Ahvaz University, 20: 14
2. Javanmardi S, Pourkhabbaz H.R. and Pourkhabbaz A.R, 2009 The study of ecosystem and Biogeography of Kolahghazi park, Sepehr, 12:57-62
3. Mahdi Hassanpour, Sayad Narges Aghajairi, Alireza Pourkhabbaz, Rasul Ghorbani, 2011, Measurment of Metals Zinc and Iron in Coot (*Fulica atra*) and Gammarus (*Pontogammarus aaeoticus*) from Wetlands International Gomishan, Journal of Wetland Ecobiology, 10: 9-16
4. Khadijeh Pashmi, Alireza Pourkhabbaz, 2012, Accumulation of toxic metals of cadmium and lead in the deciduous teeth of children, Birjand University of Medical Sciences, 19 (1):96-105.
5. Mehdi Hasanpour, Alireza Pourkhabbaz, Rasoul Ghorbani, 2012, Themeasurement of heavy metals in water, sediment and wild bird (Comoon coot) from southeast Caspian Sea, J Mazanderan University of Medical Science, 22(1):184-194.
6. Rajaei, Q., Hajrezaei, F., Maheini S., Pourkhabbaz, A.R., 2012, An Analysis of Physical-Chemical Properties and Quality of Underground Agriculture and Drinking Water in Southern Khorasan Province, Environmental researches, 5 : 13-24
7. Rajaei, Q. Pourkhabbaz, A.R, Hesari Motlag Samaneh, 2012. Measuring Heavy Metals in Groundwater of Ali Abad Katoul Plian: Health Risk Assessment, North Khorasan University of Medical Sciences, 4(2):155-162.
8. Ebrahiem Hoshiari, Alireza Pourkhabbaz, 2012, A study of heavy metals (Pb, Zn, Cd) accumulation in different tissues of Sebria gull (*Larus heuglini*) from Hara Bisophere Environmental Sciences , 9 (2):89-100.
9. Mahdi Hassanpour, Alireza Pourkhabbaz, Ghasem Rajae. 2012, Determination lead, Chromium and Iron contamination in edible tissue of Common coot in Ghomishan international Wetland, Journal of Livestock Reaserch, 1(1):25-33.
10. Sayad Narges Aghajairi, Mahdi Hassanpour, Rasul Ghorbani and Alireza Pourkhabbaz, 2012, Measurment of Lead and Iron concentrations in water, sediment and Gammarus in the Gomishan International Wetland, Journal of Wetland Ecobiology, 13: 19-26
11. Khazaei T, Pourkhabbaz AR, 2012, The study of metals concentration in fine surface sediments from Anzali Wetland, Journal of Wetland Ecobiology, 11: 47-56



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12. Khazaei T, Pourkhabbaz AR, 2012, Determination of pollution intensity of heavy metals in the sediments from Anzali Wetland, Environmental Sciences, 10:53-64
13. Rajaei, Q., Pourkhabbaz, A.R., Naemi, A., Pourkhabbaz, 2012 H.A, Evaluation and Determination of underground water Quality (Case study: Ali Bad katoul), Environmental researches, 6: 17-26
14. Sahar Mohammad Nabizadeh, Alireza Pourkhabbaz, 2013, Bioaccumulation of elements (Cd, Cr, Pb, Ni) in the tissues of the *Sillago sihama* and *Platy Cephalus indicus* from Hara Biosphere, Veterinary Journal of Iran, 9: 64-75
15. Alireza Pourkhabbaz, Yalda Mohseni, 2013, The study of Bioaccumulation and Elimination of Copper in Blackfish (*Capoeta fusca*) Organs from the East Qantas of Iran, Veterinary Journal (Pajouhesh & Sazandegi) 97: 29-37
16. Khadijeh Pashmi, Alireza Pourkhabbaz, 2013, Study of copper and zinc metals in deciduous teeth' children from Birjand City, Journal of Mashhad Dental School; 36 (4) : 271-278
17. Ensiye Fadaei, Alireza Pourkhabbaz, Gholamreza Nabibidhendi, Mohammad Javad Amiri, Ahmad Jamshidi, Hadi Valehi, 2013, Removal of dissolved Chromium (VI) by adsorption onto *Elaeagnus angustifolia* fruit charcoal, Jujube fruit charcoal and comparison with Granular Activated Carbon (GAC), Journal of Environmental Studies, 39:13-22
18. Behravesht Samira, Pourkhabbaz Alireza, 2013, Effect of sediment particle diameter on accumulation levels of heavy metals in Surface sediments of Anzali wetland southwestern.. Journal of Wetland Ecobiology. 5:75-82
19. Mohammad Hosein Sinka Karimi, Ali Reza Pourkhabbaz, Mehdi Hassanpour, Mahmoud Ghasempouri, 2013, Determination of metals in tissues of mallard (*Anas platyrhynchos*) and risk assessment of food consumption in the southeastern Caspian Sea. Journal of Wetland Ecobiology, 5: 79-90
20. Marzie Khosravi, Ali Reza Pourkhabbaz, Mehdi Hassanpour, ?, The use fish *Clupeonella cultiventris caspia* and *Alosa caspia* as a biological indicator of metal pollution in the southern Caspian Sea, Journal of Wetland Ecobiology, (In press)
21. Esmaeilpour A, Pashmi K, Pourkhabbaz A.R., 2014, Determination of copper, zinc and chromium levels in tissues from sheep and goats slaughtered in Birjand, Iran, Veterinary Journal (Pajouhesh & Sazandegi), 105:2-9



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22. Pourkhabbaz Alireza, Pourkhabbaz Hamidreza, Javanmardi Saiedeh, Amiri Mohamad Javad, 2014, Multi-criteria decision making for urban development can be predicted using fuzzy logic model, J. Environmental Science, 11:89-98
23. Zeynab Karimi Iraj, Ali Reza Pourkhabbaz, Mehdi Hassanpour, Mohammad Hosein SinkaKarimi, 2014, Bioaccumulation of Heavy Metals in Tissues of *Clupeonella Cultiventris Caspia* and *Alosa Caspia* and their Consumption Risk Assessment in the Southern Coast of Caspian Sea, J Mazandaran Univ Med Sci 24(118): 99-110
24. Sahar Mohammad Nabizadeh, Alireza Pourkhabbaz, 2014 , The study of heavy metals (Cd and Ni) bioaccumulation in tissues of *Platycephalus indicus* on wetland of Hara, The Science and Engineering of Environment, 1:39-44
25. Alireza Pourkhabbaz, Zohre Shirvani, Mohamad G Ghaderi, 2015 , Biomonitoring of air pollution in city regions using trees *Platanus orientalis* and *Fraxinus excelsior* (Case study: Shiraz), Journal of Environmental Studies, 41(2):351-360
26. Mohammad Hosein Sinka Karimi, Ali Reza Pourkhabbaz, Mehdi Hassanpour, 2015, Study of using water and waterfowl organs for evaluation of metal pollution (case study: Miankaleh and Gomishan international wetlands), Journal of Wetland Ecobiology, 23:15-28
27. Bent-olhoda Sangak Sani, Majid Jami Al-Ahmadi, Ali Reza Pourkhabbaz, ?, Pollution of heavy metals (cadmium, nickel & lead) in some farms Torbat Jam, Journal of Soil Researches, (In press)
28. R. Baramaki, M Rezaei, M Ebrahimpour, H Babaei and R Pourkhabbaz, 2015, Comparison of bioaccumulation factor of heavy metals in two fish species (*Esox lucius* and *Carassius gibelio*) from Anzali Wetland. Journal of Wetland Ecobiology, 24: 79-90



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10- Papers in English (ISI)

1. Pourkhabbaz A.R., Polle A., Rastin N., Langenfeld-Heyser R., 2010, Influence of Environmental Pollution on Leaf Properties of Urban Plane Trees, *Platanus orientalis* L., Bulletin of Environmental Contamination and toxicology, 85:251-255.
2. Alireza Pourkhabbaz, Tahereh Khazaei, Samira Behraves, Mohammad Ebrahimpour, and Hamidreza Pourkhabbaz, 2011, Effect of Water Hardness on the Toxicity of Cobalt and Nickel to a Freshwater Fish, *Capoeta fusca*, Biomed Environ Sci, 24(6):656-660. doi:10.3967/0895-3988.2011.00.000
3. Borhan Mansouri, Alireza Pourkhabbaz, Hadi Babaei, Homayoon Farhangfar, 2011, Experimental Studies on Concentration and Depuration of Cobalt in the Selected Organs of Fresh Water Fish *Capoeta fusca*. World Journal Of Fish and Marine Sciences 3(5):387-392.
4. A.R Pourkhabbaz, HR Pourkhabbaz, T Khazaei , S Behraves and M Ebrahimpour, 2011. Assessment of heavy metal accumulation in Anzali wetland, Iran, using a submerged aquatic plant, *Ceratophyllum demersum*, African Journal of Aquatic Science, 36(3): 201-205.
5. Mohammad Ebrahimpour, Alireza Pourkhabbaz, Rahimeh Baramaki, Hadi Babaei, Mohammadreza Rezaei 2011, Bioaccumulation of Heavy Metals in Freshwater Fish Species, Anzali, Iran , Bulletin Environmental Contamination and Toxicology 87:386–392.
6. Alireza Pourkhabbaz, Mohammad EbrahimPour Kasmani, Vahid Kiyani and Mohammad Hasan Hosynzadeh, 2011, Effects of water hardness and Cu and Zn on LC50 in *Gambusia holbrooki*, Chemical Speciation and Bioavailability 23(4), 224-228.
7. Ebrahim Hoshiari, Alireza Pourkhabbaz, Borhan Mansouri, 2012, Contaminations of metals in tissues of Sibirian Gull *larus heuglini*: Gender, age and Tissue Differences, Bulletin Environmental Contamination and Toxicology. DOI: 10.1007/s00128-012-0655-2
8. Mansouri B, Hoshyari E, Pourkhabbaz AR, Babaei H ,2012, Assessment of Nickel Levels in Feathers of Two Bird Species from Southern Iran. Bird Conservation Society of Iran (Podoces), 7: 66 – 71
9. Alireza Pourkhabbaz, Hamidreza Pourkhabbaz, 2012, Investigation of Toxic Metals in the Tobacco of Different Iranian Cigarette Brands and Related Health Issues. Iranian Journal of Basic Medical Sciences 15(1): 1-9
10. Mohammad Nabizadeh S, Pourkhabbaz AR, Afshari R, Norowzi M, 2012, Concentrations of Cd, Ni, Pb and Cr in the Two Edible Fish Species *Liza klunzingeri* and *Sillago sihama* Collected From Hara, Toxicology and Environmental Chemistry, 204 (6):1144-1151.



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11. Nowrouzi M, Pourkhabbaz AR, 2012, Bioaccumulation and Distribution of Heavy Metals in Sediments and Avicenna Marina Tissues in the Hara Biosphere Reserve, Iran. Bulletin of Environmental Contamination and Toxicology, 89:799-804.
12. Mohsen Nowrouzi, Borhan Mansouri, Sahar Mohammad Nabizadeh and Alireza Pourkhabbaz, 2012, Analysis of heavy metals concentration in water and sediment in the Hara biosphere reserve, southern Iran, Toxicology and Industrial Health, 1-9.
13. Borhan Mansouri, AlirezaPourkhabbaz, Hadi Babaei, Ebrahim Hoshyari, 2012, Heavy metal contamination in features of Western Reef Heron (*Egretta agularis*) and Sibrian gull (*Larus heuglini*) from Hara biosphere reserve of Southern Iran, Environmental Monitoring and Assessment, 184:6139-6145.
14. Borhan Mansouri, Alireza Pourkhabbaz, Hadi Babaei, Ebrahim Hoshyari, Seyad Hojat Khodaparast, Alireza Mirzajani, 2012, Assessment of Trace- Metal Concentrations in Western Reef Heron (*Egretta gularis*) and Siberian Gull (*Larus heuglini*) from Southern Iran, Archive of Environmental Contamination and Toxicology, 63:280-287.
15. Pourkhabbaz Hamidreza, Pourkhabbaz Alireza, 2012, Determination of Mercuric Chloride Toxicity on *Capoeta fusca* under Laboratory Conditions, Environmental Sciences, 10:41-48
16. Iman Zarei, Alireza Pourkhabbaz, Hossein Alipour, Sayad Hossien Khazaei, 2013, Acute toxicity bioassay of copper sulphate ($\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$) to black fish (*Capoeta fusca*), Iranian Journal of toxicology, 6(19):771-778
17. Borhan Mansouri, Rahimeh bramaki, Maryam Zare, Alireza Pourkhabbaz, Amirhossein Hamidian, 2013, Bioaccumulation and Depuration of Copper in the Kidney and Liver of a Freshwater Fish, *Capoeta fusca*, Iranian J of Toxicology, 7 (20):808-814
18. Mohammad Nabizadeh S, Afshari R, Pourkhabbaz AR, 2013, Metal concentrations in Marine Fishes Collectted from Hara Biosphere in Iran. Bulletin of Environmental Contamination and Toxicology 90: 188-193, DOI 10.1007/s00128-012-0876-4
19. Ebrahim Hoshiari, Alireza Pourkhabbaz, Borhan Mansouri, 2013, Study of trace element concentrations in Sea bird from southern Iran, Toxicology and Industrial Health, 1-7,
20. Mohammad Hosein sinka karimi, Alireza Pourkhabbaz, Mohsen Ahmadpour, Hamidreza Soltani, 2013, Six-year research of the quantity of waste generation and evaluation of environmental recycling of paper and cardboard aspects from Rasht city waste (April 2005 to March 2010), Waste Management. 33:1600-1602
21. Mansouri B, Ebrahimpour M, Pourkhabbaz AR, Babaei H, Hamidian AH, 2013, Bioaccumulation and elimination rate of cobalt in *Capoeta fusca* under controlled conditions. Chemical Speciation & Bioavailability, 25: 52-56.



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24. Hossein Alipour, Alireza Pourkhabbaz, Mehdi Hassanpour, 2013, Assessing of heavy metal concentrations in the tissues of *Rutilus rutilus caspicus* and *Neogobius gorlap* from Miankaleh international wetland, Bulletin of Environmental Contamination and Toxicology 91(5):517-521
25. Ensiye Fadaei, Alireza Pourkhabbaz, Mohammad javad Amiri , Behnam Barikbin, 2013, Ahmad Jamshidi, Samaneh Biazar, Optimization of operating parameters affecting the removal of chromium from aqueous solution using bio absorption Jujube fruit powder, Jujube fruit charcoal and compression with Granular Activated Carbon (GAC), Jundishapur Journal of Health Sciences, 5(2):89-98
26. Mohsen Ahmadpour, et al, Alireza Pourkhabbaz, 2013, Assessment of Mercury Concentration in Features of Six Species of waterbirds in Southern Caspian Sea Wetlands Bird Conservation Society of Iran (Podoces), 8:38-44
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28. Mohsen Nowrouzi, Alireza Pourkhabbaz, 2014, Application of geoaccumulation index and enrichment factor for assessing metal contamination in the sediments of Hara Biosphere Reserve, Iran. Chemical Speciation & Bioavailability, 26 (2):99-105
29. Mohammad Nabizadeh Sahar , Pourkhabbaz, Alireza , Afshari Reza, 2014, Analysis and determination of trace metals (nickel, cadmium, chromium and lead) in tissues of *Pampus argenteus* and *Platycephalus indicus* in the Hara reserve, Iran, Journal of Toxicology, <http://dx.doi.org/10.1155/2014/576496>
30. Alireza Pourkhabbaz, Tahereh Khazaei, Hamidreza Pourkhabbaz ,? , The study of contamination intensity and heavy metals (Cu, Cr, Pb, Cd and Zn) source in surface sediments of Anzali wetland, Iran, J. Environmental Sciences (In Press)
31. Hossein Alipour, Alireza Pourkhabbaz, Mehdi Hassanpour , 2014, Estimation of potential health risks for some metallic elements by consumption of fish, Water Qual Expo Health, DOI 10.1007/s12403-014-0139-1



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32. Alireza Pourkhabbaz, Hossein Alipour, Iman Zarei, 2014, Bioaccumulation and depuration rates of zinc by *Capoeta fusca* under controlled conditions, Water Qual Expo Health, DOI 10.1007/s12403-014-0139-1
33. Mohsen Nowrouzi, Alireza Pourkhabbaz, Mohammad Rezei, 2014, Sequential extraction analysis of metals in sediments from the Hara Biosphere Reserve of Southern Iran, Chemical Speciation and Bioavailability, 26: 273-277
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35. Alireza Pourkhabbaz, Najmeh Bosaeidi, Moslem Jehani, 2014, Removal of hexavalent chromium from contaminated water by barberry leaves as a low-cost adsorbent 11(4): 81-88
36. Ebrahim Hoshiari, Alireza Pourkhabbaz, Borhan Mansouri, 2015, Assessment of trace element concentrations in Western reef heron from southern Iran, Toxicology and Industrial Health. 31(1):60-66
37. Sanaz Khamar, Alireza Pourkhabbaz, Reza Dahmardeh Behrooz, 2015, Maternal Determinants of Breast-Milk, Hair and Saliva Mercury Concentrations Case study: Zahedan city, International Research Journal of Applied and Basic Sciences, 9(4):440-448
38. Mohammad Hosein Sinka- karimi, Alireza Pourkhabbaz, Mehdi Hassanpour, Jeffrey M. Levengood, 2015, Study on metal Concentrations in Tissues of Mallard and Pochard from Two Major Wintering Sites in Southeastern Caspian Sea, Iran, Bulletin of Environmental Contamination and Toxicology, DOI: 10.1007/s00128-015-1591-8
39. Mohammad-Hosein Sinka Karimi & Mehdi Hassanpour & Ali-Reza Pourkhabbaz & Martyna Błaszczyk & Joanna Paluch & Łukasz J. Binkowski, 2016, Trace element concentrations in feathers of five Anseriformes in the south of the Caspian Sea, Iran, Environ Monit Assess 188:22 DOI 10.1007/s10661-015-5015-3
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