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EDUCATION:

1999 – 2003 BS.c. Student of Fisheries, Faculty of Natural Resources, Isfahan University of Technology, Isfahan, I.R.IRAN.

2004 – 2006 MS.c. Student of Fisheries, Faculty of Marine Natural Resources, Korranshahr University of Marine Sciences and Technology, Korranshahr, I.R.IRAN.

2007-2011 Ph.D. Student of Marine Biology, Faculty of Marine Sciences, Korranshahr University of Marine Sciences and Technology, Korranshahr, I.R.IRAN.

2011 Invited research scholar at CRIAcq, University of Federico II (Italy), and 2013 Stockholm University (Sweden).

RESEARCH INTEREST:

Main area of research: Aquatic Toxicology, Marine Pollution

Second area of research: Marine Biology, Marine Ecology, Marine Environment

PUBLICATION:

1. Bagheri, T., Misaghi, A., Taheri MirGhaed, A. Kamkar, A. **Hedayati**, A. **2022**. Bioaccumulation of Some Hazardous Heavy Metals in Three Edible Fishes Caught from Gorgan Bay, Caspian Sea. *Biol Trace Elem Res* (2022). <https://doi.org/10.1007/s12011-022-03254-y>
2. Jafari O, Ebrahimi M, **Hedayati** A, Zeinalabedini M, Poorbagher H. **2022**. Nasrolahpourmoghadam M, Fernandes JMO. Integration of Morphometrics and Machine Learning Enables Accurate Distinction between Wild and Farmed Common Carp. *Life*. 2022; 12(7):957. <https://doi.org/10.3390/life12070957>

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4. Sheikh Veisi, R., **Hedayati**, A., Mazandarani, M., Jafar Nodeh, A. and Bagheri, T., **2022**. Dietary Beet Molasses Improved the Immune System of Common Carp After Exposure to Titanium Oxide Nanoparticles, TiO₂-NPs. *Bulletin of Environmental Contamination and Toxicology*. doi.org/10.1007/s00128-022-03507-5
5. Jafari O, Zeinalabedini M, Robledo D, Fernandes JMO, **Hedayati** A and Arefnezhad B. **2022**. Genotyping-by-Sequencing Reveals the Impact of Restocking on Wild Common Carp Populations of the Southern Caspian Basin. *Front. Ecol. Evol.* 10:872176. doi: 10.3389/fevo.2022.872176
6. Masoudi, E. **Hedayati**, A. Bagheri, T. Salati, A. Safari, R. Gholizadeh, M. Zakeri, M. **2022**. Different land uses influenced on characteristics and distribution of microplastics in Qarasu Basin Rivers, Gorgan Bay, Caspian Sea. *Environmental Science and Pollution Research*. [/doi.org/10.1007/s11356-022-20342-7](https://doi.org/10.1007/s11356-022-20342-7).
7. Houshmand, P. and **Hedayati**, A., **2022**. Dietary Effect of Probiotic and Prebiotic on Some Mucus Indices of Silver Carp Exposed to Silver Nanoparticles. *Biological Trace Element Research*, pp.1-9.
8. Rezaei, H., Rastegar, S., **Hedayati**, S.A., Shahamat, Y.D. and Sedaghat, O., **2021**. Isothermal and Kinetic Evaluation of Adsorption Fish Farm Effluents by Nanocomposites (Chitosan and Activated Carbon). *Journal of Advances in Environmental Health Research*. 9(2):129-138.
9. **Hedayati**, S.A., Sheikh Veisi, R., Hosseini Shekarabi, S.P., Shahbazi Naserabad, S., Bagheri, D. and Ghafarifarsani, H., **2021**. Effect of Dietary Lactobacillus casei on Physiometabolic Responses and Liver Histopathology in Common Carp After Exposure to Iron Oxide Nanoparticles. *Biological Trace Element Research*, pp.1-9.
10. Fakhrian, M., Jazayeri, S., Pirali Zefrehei, A.R. and **Hedayati**, A.A., **2021**. Dietary effects of extruded feed on biochemical and hematological indices of Rainbow trout. *International Journal of Aquatic Research*, 2(1), pp.9-15.
11. VandKhanghah, M.M., **Hedayati**, A., Nazeri, S., Azarm, H.M. and Ghorbani, R., **2021**. Biomagnification of Cooper along the Aquatic Food Chain (*Artemia franciscana*, *Danio rerio*, and *Astronotus ocellatus*). *Biological Trace Element Research*, pp.1-7.
12. Zefrehei, A.R.P. **Hedayati**, A. Fallah, M, **2021**. Mapping Changes of Water Quality Parameters Pattern in Anzali International Wetland Using Remote Sensing. *Journal of Water and Environmental Technology*. 19(3):130-138.
13. Fallah, M, Zefrehei, A.R.P., **Hedayati**, A. **2021**. Evaluating limnological condition of Anzali international wetland during 32 years period using nutrient parameters and TSI indices. *Iranian Journal of Fisheries Sciences*. 20(2):370-384.
14. Movahed, M. Hoseini, M. Akbari, P. Hajomoradlood, A. **Hedayati**, A. **2021**. Antibacterial activity of muscle wall extracts of sea cucumber from Chabahar coastal

- area, Iran, against pathogenic bacteria in rainbow trout. *Journal of Applied Animal Research*. 49(1):340-346.
15. Jafari, O. **Hedayati** A. Zeeinolabedini, M. Poorbagher, H. Abdolhay, H. **2021**. Phenotype-environment associations in common carp across the southern coasts of the Caspian Sea. *Iranian Journal of Fisheries Sciences*. 20(4):1114-1127.
 16. Abarghouei, S., **Hedayati**, A., Raeisi, M., Hadavand, B.S., Rezaei, H. and Abed-Elmdoust, A., **2021**. Size-dependent effects of microplastic on uptake, immune system, related gene expression and histopathology of goldfish. *Chemosphere*, 276, p.129977.
 17. Veisi, R.S., **Hedayati**, A., Mazandarani, M., Nodeh, A.J. and Bagheri, T., **2021**. Dietary beet molasses enhanced immunity system of common carp exposed to copper nano oxide, CuO-NP. *Aquaculture Reports*, 19, p.100589.
 18. Fallah, M, Zefrehei, A.R.P., **Hedayati**, A. **2021**. Applying remote sensing techniques to changes of water body and aquatic plants in Anzali International Wetland (1985–2018). *Theoretical and Applied Ecology*. 1:065-072.
 19. Moezzi, F. **Hedayati**, A. Ghadermazi, A. **2021**. Copper Bioaccumulation Kinetics in Swan Mussel, During Waterborne Exposure to CuO Nanoparticles. *Bulletin of Environmental Contamination and Toxicology*. [https://doi.org/ 10.1007/s00128-020-03101-7](https://doi.org/10.1007/s00128-020-03101-7)
 20. Baharvand, F. Varvani, J. Torang Zar, H. **Hedayati**, A. Ahmadi, A. **2021**. Investigation of PAHs and Pb heavy metal biosorption by *Dreissena polymorpha* (Pallas, 1771) bivalve under oil pollution. *Iranian Journal of Fisheries Sciences*. 20(1):264-275.
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 22. Fallah, M, Zefrehei, A.R.P., **Hedayati**, A. Bagheri, T. **2020**. Comparison of temporal and spatial patterns of water quality parameters in Anzali Wetland (southwest of the Caspian Sea) using Support vector machine model. *Caspian Journal of Environmental Sciences*. 19(1):95-104.
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SERVICE AND PROFESSIONAL MEMBERSHIP:

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Editorial board member of Annals of Aquaculture and Research

Editorial board member of Journal of Biological Diversity

Editorial board member of Journal of Wildlife and Biodiversity (JWB)

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LANGUAGES:

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