



RESUME OF

Dr. Hamid Mohammadi Azarm

Associate professor

Department of fisheries, Faculty of Marine Natural Resources, Khorramshahr University of Marine Science and Technology, Khorramshahr, Khuzestan Province, Iran

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Google scholar link: <https://scholar.google.com/citations?user=QBmra9QAAAAJ&hl=en>

Education

Ph.D in fisheries. 2012. Tarbiat Modaress University, Tehran, Iran.

Major: Fish Nutrition in Department of Aquaculture.

Thesis Title: Effect of Various Levels of Soybean and Egg Lecithin with Fish Meal and Casein Protein Sources on the Growth, Fatty Acid Composition, Activity of Digestive Enzymes and some Physiological Parameters of *Oncorhynchus mykiss* Alevin

M.Sc in fisheries. 2005. Tarbiat Modaress University, Tehran, Iran.

Major: Fish Nutrition in Department of Aquaculture.

Thesis Title: Effect of protexin probiotic on the growth and survival of rainbow trout larvae (*Oncorhynchus mykiss*)

B.Sc in fisheries. 2003. Isfahan University of Technology. Isfahan, Iran.

Department of fisheries Education (Major: Aquaculture)

Thesis Title: evaluation food preferences of common carp in ponds

Professional Background

2018 – until now: Associate Professor, Department of fisheries, Faculty of Marine Natural Resources, Khorramshahr University of Marine Science and Technology, Khorramshahr, Khuzestan Province, Iran

2012 - 2018: Assistant Professor, Department of fisheries, Faculty of Marine Natural Resources, Khorramshahr University of Marine Science and Technology, Khorramshahr, Khuzestan Province, Iran

2011.3- 2012.1: Visiting researcher in Department of fish nutrition, Gangneung-Wonju National University, Gangneung, South Korea. Project conducted in South Korea: **Evaluation replacement of fish meal with fermented soybean meal in diet of Olive flounder and black sea bream**

Research Interests

The research conducting by me is followings:

1. My research is focused on nutrition and nutritional physiology of different fish species. I use growth trial to determine the essential nutrient requirements, feed additive and replacement of fishmeal and fish oil in diet of different fish species. Biochemical analyses, histology and enzyme assays are used to evaluate the performance and to determine the nutrient requirements and nutrient utilization by fish.
2. New aquaculture system such as Biofloc system, RAS and Aquaponic system.

Referee for journal articles submitted to

Aquaculture nutrition

Teaching

1. Undergraduate courses: Live Food for fish, Fish Nutrition and Lab, General Ichthyology and Lab, General Ecology, Cold water fish Breeding & Reproduction, Warm water fish Breeding & Reproduction, Aquatic animal Breeding & Reproduction
2. Graduate courses: Advanced Fish Nutrition, Advanced Hydrobiology, Analysis Method

Research undergraduate students supervised

- 1-Effect of different levels of Borage powder (*Borago officinalis*) on blood biochemistry and liver enzymes activity of fingerling Common carp *Cyprinus Carpio* by **Parisa Cheragi**
- 2- Dietary administration of garlic, onion and pepper powders to enhance growth, immunological parameters and coloration of Guppy fish by **Nesa Mousavi**

Research M.Sc students supervised

1-Effect of replacing fish meal with plant protein soybean meal and yeast on growth performance and survival of juvenile *Mesopotamichthys sharpeyi* , Khorramshahr University of Marine Science and Technology **by Mansor Alboghbeish**

2-Effect replacement of fish meal with plant protein sources on digestive enzymes activity and biochemical body composition of juveniles (*Mesopotamichthys sharpeyi*), Khorramshahr University of Marine Science and Technology by **Fateme Mohammadinafchi**

3-Effect of different levels of egg lecithin on growth performance, feed utilization and lipoprotein fractions of juveniles of Beni fish (*Mesopotamichthys sharpeyi*), Khorramshahr University of Marine Science and Technology by **Mona Mohammadi**

4- Effect of different levels of egg lecithin on digestive enzyme activity, body composition and biochemical blood factors of juveniles of Beni fish (*Mesopotamichthys sharpeyi*), Khorramshahr University of Marine Science and Technology **by Seidzadeh**

5-Effect of dietary supplement Gammarus meal powder on growth parameters and increased resistance to environmental stress in Zebra Cichlid (*Amatitlania nigrofasciata*), Islamic Azad University, Branch of Ahvaz **by Adel Gabtani**.

6-Effect of spirulina supplementation on growth parameters and increased resistance of Zebra Cichlid (*Amatitlania nigrofasciata*) against environmental stress, Islamic Azad University, Branch of Ahvaz **by Khorshid Gorbani**.

7-Effect of inulin, Onion (*Allium cepa*) and Savory (*Satureja khuzestanica*) meal on Growth performance, digestive enzyme activity and body composition of juvenile carp *Cyprinus carpio*, Khorramshahr University of Marine Science and Technology **by Fahimeh Safariyan**

8-Effect of Inulin, Onion (*Allium cepa*) and Savory (*Satureja khuzestanica*) meal on activity of antioxidant and liver enzymes and blood factors in juveniles of Common carp (*Cyprinus carpio carpio*), Khorramshahr University of Marine Science and Technology **by Razieh Vaez**

9-Effect of Inulin, Onion (*Allium cepa*) and Savory (*Satureja khuzestanica*) meal on immunological parameters and intestine histology of juveniles of Common carp (*Cyprinus carpio carpio*), Khorramshahr University of Marine Science and Technology **by Ehlam Mousavi**

10- The effects of increase levels of niacin on growth performance, body composition and digestive enzymes activities of juvenile Carp (*Cyprinus carpio*), Khorramshahr University of Marine Science and Technology **by Maryam Chopani**

11- The effects of increase levels of niacin on Gut and Liver histology and some liver enzymes activities of juvenile Carp (*Cyprinus carpio*), Khorramshahr University of Marine Science and Technology **by Khiry Mohammadi**

12- Interactions between different dietary L-carnitine and lipid levels on growth performance, blood parameters and antioxidant status in common carp Juveniles (*Cyprinus carpio*), Khorramshahr University of Marine Science and Technology **by Elham Sabzi**

13- Effect of different stocking density of Common Carp in Biofloc system on growth performance, feed utilization and some digestive enzymes activity, Khorramshahr University of Marine Science and Technology **by Mohammad Torfi**

14- Effect of different stocking density of Common Carp in Biofloc system on blood biochemical parameters and some liver enzymes activity, Khorramshahr University of Marine Science and Technology **by Sohila Nazarpour**

15- Effect of different stocking density of Common Carp in Biofloc system on stress parameters of Common carp, Khorramshahr University of Marine Science and Technology **by Zahiye Matori**

16- Effect of Na-diformat on growth performance, body composition blood biochemical parameters and antioxidant status of common carp, Khorramshahr University of Marine Science and Technology **by Mahbubeh Yusefi**

Research M.Sc. students' adviser

1-Effect of short term starvation and re-feeding on digestive enzyme activity of fingerling (*Mesopotamichthys sharpeyi*), Khorramshahr University of Marine Science and Technology **by Zareii**

2-Effect of short term starvation and re-feeding on digestive enzyme activity of fingerling Asian sea bass, Khorramshahr University of Marine Science and Technology **by Mojgan Porshafi**

3-Effect of oral administration of two probiotic *Lactobacillus plantarum* and *Lactobacillus bulgaricus* from intestinal of Shirbot (*Barbus grypus*) on immune stimulation of common carp (*Cyprinus carpio*), Khorramshahr University of Marine Science and Technology **by Zinab Behzadifard**

4-Effect of supplementary lysine and methione on growth performance, feed utilization and body composition of juvenile of *Sparidentex hasta*, Khorramshahr University of Marine Science and Technology **by Negar Biramii**

5-Effects of dietary powdered green tea on oxidative stress induced by comparison with the levels of oxidized fish oil in sterlet sturgeon , *Acipenser ruthenus*, Khorramshahr University of Marine Science and Technology **by Soliman Hassanpour**

6-Effects of dietary green tea on acute stress responses in Sturgeon hybrid (*Acipenser stellatus X Huso huso*) , Khorramshahr University of Marine Science and Technology **by Viyan Ebrahimi**

7-Effect of Onion powder on growth performance and feed utilization of Convict cichlid *Amatitlania nigrofasciata*, Khorramshahr University of Marine Science and Technology **by Hamideh Brageh**

8-Comparative study between two commercial fish diet; Havorash and Gold Queen on growth performance, digestibility and body composition of *litopenaeus vannamei*, Khorramshahr University of Marine Science and Technology **by Maryam Salimi**

9- Effect of different levels of extract and powder meal of garlic on growth performances, feed utilization and fillet quality of Common carp, Khorramshahr University of Marine Science and Technology **by Mona Hoshoshi**

10- Effect of different ammonia and salinity concentration on antioxidant enzymes activity in *litopenaeus vannamei* , Khorramshahr University of Marine Science and Technology **by Safora Khodadadi**

Research PhD students supervised

1- The possibility cultivation of Common carp in Biofloc system, Khorramshahr University of Marine Science and Technology **by Mazdak Alimahmmudi**

2- The Effect of different levels and sources of Formic acid in diet on growth performance, digestive enzymes activity, some immunological and biochemical parameters of blood and gut histology of common carp, Khorramshahr University of Marine Science and Technology **by Pyvand Maktabi**

3- The effect of different levels of Choline and lipid in diet on fatty acid profile, Antioxidant enzymes activity and blood biochemical parameters of Common carp, Khorramshahr University of Marine Science and Technology **by Saeed Bagayi**

4- The effect of different niacin and Carbohydrate in diet on growth performances, biochemical parameters of hemolymph and Lvchh expression in *litopenaeus vannamei* , Khorramshahr University of Marine Science and Technology **by Farideh Zendehbodi**

- 5- The effect of different levels of sodium diformat on growth performance and biochemical parameters of sea bass, Khorramshahr University of Marine Science and Technology by **Alireza Ryshari**

Research PhD students' adviser

1-Effect of beta oligosaccharides on growth performance, immunological parameters and proteomics of brood stock of rainbow trout, Khorramshahr University of Marine Science and Technology by **Ali Ghaedi**

2- Effect of Nano selenium and vitamin E on growth performance, feed utilization, biochemical blood parameters and immunological parameters of juvenile common carp, Khorramshahr University of Marine Science and Technology by **Narges Sarami**

My research project

1-Effect of different levels of alcoholic extract and melissa of Borage (*Borago officinalis*) on growth performance and biochemical parameters of fingerling Carp *Cyprinus Carpio*. Chamran University of Ahvaz

2-Effects of partial substitution of dietary fish meal by fermented soybean meal on growth performance, biochemical body composition and activity of digestive enzymes of juvenile yellow tail sea bream (*Acanthopagrus latus*). Islamic Azad University of Abadan.

3- The effects of *Lactobacillus casei* on growth, body composition and digestive enzymes of Convict cichlid *Amatitlania nigrofasciata*. Khorramshahr University of Marine Science and Technology. No 111.

4- The effects of different levels of spirulina powder on growth factors, body composition and some serum biochemical parameters of ornamental fish Oscar (*Astronotus ocellatus*). Khorramshahr University of Marine Science and Technology. No 110.

Publications in international journals

Mohammadiazarm, H., Maniat, M., Ghorbanijeze, K., Ghotbeddin, N. (2020). Effects of spirulina powder (*Spirulina platensis*) as a dietary additive on Oscar fish, *Astronotus ocellatus*: Assessing growth performance, body composition, digestive enzyme activity, immune-biochemical parameters, blood indices and total pigmentation. Aquaculture nutrition. Accepted

Mohammadiazarm, H., Maniat, M. (2020). *Lactobacillus casei* in Diet of Juvenile Convict Cichlid Fish (*Amatitlania nigrofasciata*): Evaluating Growth Performance, Digestive

Enzyme Activities, Immune Responses and Stress Resistance. Probiotics and antimicrobial proteins. Accepted

Choopani, M., **Mohammadiazarm, H.**, Rajabzadeh, E., Salati, A.P. (2020). Growth and physiological response of juvenile common carp (*Cyprinus carpio*) to increased levels of dietary niacin. *Journal of applied aquaculture*. Accepted

Aalimahmoudi, M., **Mohammadiazarm, H.** (2019). Dietary protein level and Carbon/Nitrogen ratio manipulation in bioflocs rearing of *Cyprinus carpio* juvenile: Evaluation of growth performance, some blood biochemical and water parameters. *Aquaculture*. Accepted

Reyshari, A. **Mohammadiazarm, H.**, Mohammadian, T., Tofi, M. (2019). Effects of Sodium diformate on growth performance, gut microflora, digestive enzymes and innate immunological parameters of Asian Seabass (*Lates calcarifer*) *Aquaculture Nutrition*. [https://doi: 10.1111/anu.12929](https://doi.org/10.1111/anu.12929)

Sabzi, E., **Mohammadiazarm, H.**, Salati, A.P. (2017). Effect of dietary L-carnitine and lipid levels on growth performance, blood biochemical parameters and antioxidant status in juvenile common carp (*Cyprinus carpio*). *Aquaculture*, 480:89-93.

Alimmahmudi, M., **Mohammadiazarm, H.**, Mohamadi, Y. (2017). Biofloc new technology and shrimp disease in super-intensive aquaculture. *International Journal of Fisheries and Aquatic Research*. 2, 17-21.

Lee, S.M., **Mohammadiazarm, H.**, Chang, K.H. (2016). Effects of dietary inclusion of fermented soybean meal on growth, body composition, antioxidant enzyme activity and disease resistance of rockfish (*Sebastes schlegeli*). *Aquaculture*, 459:110–116.

Ghaedi, G., Keyvanshokoo, S., **Mohammadiazarm, H.**, Akhlaghi, M. (2016). Proteomic analysis of muscle tissue from rainbow trout (*Oncorhynchus mykiss*) fed dietary β -glucan. *Iranian Journal of Veterinary Research*, 17(3):184-189

Hasanpour, S., Salati, A., Falahatkar, B., **Mohammadiazarm, H.** (2016). Effect of Green Tea (*Camellia sinensis* L.) on Growth, Blood and Immune Parameters in turgeon Hybrid (*Huso huso* ♂ \times *Acipenser ruthenus* ♀) Fed Oxidized Fish Oil. *Turkish Journal of Fisheries and Aquatic Sciences* DOI: 10.4194/1303-2712-v17_4_10

Seiedzadeh, S.M., Yavari, V., **Mohammadiazarm, H.**, Mosavi, S.M. (2016). Lecithin effects on blood biochemical parameters and resistance to thermal stress in juvenile of *Mesopotamichthys sharpeyi* (Cyprinidae family). *Iranian Journal of Fisheries Sciences* 15(4) 1455- 1464

Ghaedi, G., Keyvanshokoo, S., **Mohammadiazarm, H.**, Akhlaghi, M. (2015). Effects of dietary β -glucan on maternal immunity and fry quality of rainbow trout (*Oncorhynchus mykiss*). *Aquaculture*, 441:78–83

Ebrahimi, V., Salati, A., **Mohammadiazarm, H.**, Hasanpour, S. (2015). Effects of dietary green tea (*Camellia sinensis* L) on acute stress responses in sturgeon hybrid (*Huso huso* ♂ × *Acipenser ruthenus* ♀). *Aquaculture Research*, 1–6. doi:10.1111/are.12908

Mousavi, E., **Mohammadiazarm, H.**, Mousavi, S.M., Rajabzadeh, E. (2015). Effects of inulin, savory and onion powders in diet of juveniles carp *Cyprinus carpio* (Linnaeus 1758) on gut micro flora, immune response and blood biochemical parameters. *Turkish Journal of Fisheries and Aquatic Sciences*. DOI: 10.4194/1303-2712-v16_4_09

Seiedzadeh, S.M., Yavari, V., **Mohammadiazarm, H.**, Mousavi, S.M. (2015). Evaluation effect of dietary egg lecithin on digestive enzymes and body composition of juvenile binni (*Mesopotamichthys sharpeyi* Gunther, 1874). *International Journal of Aquatic Biology*, 3(2): 72-77

Mohammadi, M., Yavari, V., **Mohammadiazarm, H.**, Zakeri, M. (2015). Evaluation effect of egg lecithin on growth performance, feeding parameters and lipoprotein fractions of (*Mesopotamichthys sharpeyi*). *Journal of fisheries sciences*, 9(1):1-6

Mohammadiazarm, H., Lee, S.M. (2014). Effects of partial substitution of dietary fish meal by fermented soybean meal on growth performance, amino acid and biochemical parameters of juvenile black sea bream *Acanthopagrus schlegeli*. *Aquaculture research*, 45(6): 994-1003.

Mohammadiazarm, H., Lee, S.M. (2014). Evaluating Growth Performance, Amino Acid Profile and Biochemical Changes in Juvenile Olive Flounder, *Paralichthys olivaceus* under Partial Feeding with Fermented Soybean Meal. *Journal of the Persian Gulf*, 5(17):65-76.

Ehsani, J., **Mohammadiazarm, H.**, Maniat, M., Ghabtani, A., Eskandarnia, H. (2014). Effects of partial substitution of dietary fish meal by fermented soybean meal on growth performance, body composition and activity of digestive enzymes of juvenile yellowfin sea bream (*Acanthopagrus latus*). *International journal of Bioscience*, 5(4): 99-107.

Mohammadinafchi, F., **Mohammadiazarm, H.**, Yavari, V., Salati, S., Zaquee, N. (2014). replacement of fish meal with soybean meal and baker's yeast on digestive zymes activity and bioch body composition of juveniles (*Mesopotamichthys sharpeyi* Günther, 1874). *International jour Bioscience*, 5(5): 128-138.

Ghorbani-Jezeh, K., **Mohammadiazarm, H.**, Maboudi, H. (2014). Increases resistance of ornamental Convict cichlid (*Amatitlania nigrofasciata*) to environmental stress by Spirulina powder. *International journal of biosciences*, 5(8): 128-134.

Ghabtani, A., **Mohammadiazarm, H.**, Maboudi, H. (2014). Effect of Gammarus Powder on Increases Resistance of Convict Cichlid (*Amatitlania nigrofasciata*) to Environmental Stress. *International journal of biosciences*, 5(9). 231-236.

Mohamadiazarm, Abedian Kenari, A., Hedayati, M. (2013). Effect of dietary phospholipid sources and levels on growth performance, enzymes activity, cholecystokinin and lipoprotein fractions of rainbow trout (*Oncorhynchus mykiss*) fry. *Aquaculture research*, 44(4): 634-644.

Mohamadiazarm, Abedian Kenari, A., Hedayati, M. (2013). Growth response and fatty acid composition of rainbow trout (*Oncorhynchus mykiss*) fry fed diets containing different levels of soybean and egg lecithin. *Aquaculture international*, 21(2): 497-509.

Publications in domestic Iranian journals

Zendehboodi, F., **Mohammadiazarm, H.**, Rajabzadeh, E.1., Gasemi, A., Dashtian Nasab, A. (2020). The effect of different levels of dietary niacin and carbohydrate on growth performance, carcass composition and hemolymph biochemical parameters of juvenile whiteleg shrimp (*Litopenaeus vannamei*). *Iranian Scientific Fisheries Journal*. 29(3). 1-13.

Baghaei, S., Ebrahim Rajabzadeh, E., **Mohammadiazarm, H.**, Mousavi, M. (2020). Effect of different levels of dietary choline and lipid on growth parameters and biochemical composition of common carp fillet (*Cyprinus carpio*). *Journal of wetland ecobiology*. 11(4). 53-64.

Maktabi, P., **Mohammadiazarm, H.**, Pyghan, R., Mousavi, M., Zarei, M. (2019). Effect of Formic acid, Potassium Di format and Formic acid Nano-Chitosan Solution on survival, growth Indices and body composition of Common carp (*Cyprinus carpio*). *Wetland Ecobiology*. 10 (4) :41-54

Mohammadi, K., **Mohammadiazarm, H.**, Salati, A., Rajabzadeh, E. (2017). Effect of different levels of niacin in diet on gut and liver histology and some activity of liver enzymes of juvenile Carp (*Cyprinus carpio*). *Iranian Journal of Natural Resources; Fisheries*, 69(2): 253-263.

Safarian, F., **Mohammadiazarm, H.**, Salati, A., Ziaeinejad, S. (2017). Evaluation the effect of inulin and herbal additives (Savory and Onion Powder) on growth performance, feeding indices, body composition and activity of digestive enzymes (Lipase, Amylase and Alkaline phosphatase) in the juveniles of the common Carp (*Cyprinus carpio*). *Journal of wetlands*, 30:

Vaez, R., **Mohammadiazarm, H.**, Mousavi, S.M., Rajabzadeh, E. (2017). Effects of herbal supplements and inulin on activity of antioxidant enzymes and some blood factors in juveniles of Common Carp (*Cyprinus carpio*). *Journal of Iranian Veterinary*

Beirami N, Zakeri M, Kochenin P, Yavari V, **Mohammadiazarm, H.** (2017). Effects of amino acid supplementation of lysine and methionine on body biochemical composition and amino acid profile of Sobaity se a bream (*Sparidentex hasta*) juveniles. *Iranian Scientific Fisheries Journal*. 2(5), 129-141.

Beirami N, Zakeri M, Kochenin P, Yavari V, **Mohammadiazarm, H.** (2016). Effects of supplementation of amino acids, lysine and methionine on growth performance and feed

utilization of Sobaity sea bream juveniles, *Sparidentex hasta*. *Journal of marine science and technology*.15(3),89-104.

Hasanpour, S., Salati, A., Falahatkar, B., **Mohammadiazarm, H.** (2016). Effects of dietary oxidized fish oil on growth and lipid metabolism in hybrid sturgeon (*Huso huso* ♂×*Acipenser ruthenus* ♀). *Journal of marine science and technology*.15(2),71-81.

Alboghbeish, M., **Mohammadiazarm, H.**, Yavari, V., Zakeri, M. (2015). Effect of fish meal replacement by soybean meal and baker's yeast on growth performance and feed utilization of juvenile *Mesopotamichthys sharpeyi* Gunther 1874. *Journal of research animals*, 28(2): 136-145

Mohamadiazarm, H., Abedian Kenari, A., Hedayati, M. (2012).The Effect of Soybean and Egg Lecithin on the Growth, Survival and Resistance to Anoxia Stress in Rainbow trout (*Oncorhynchus mykiss*) Alevin. *Iranian Journal of Natural Resources; Fisheries*, 65(2):219-230.

Mohamadiazarm, H., Abedian Kenari, A. (2009). Increasing the resistance to physicochemical environmental stress in ornamental Tiger barb (*Capoeta tetrazona*) by feeding supplementary Gammarus powder. *Iranian Journal of animal Science*, 1(2):77-85.

Yeganeh, M.S., Abedian, A., Rezai, M., **Mohammadiazarm, H.** (2004). Increasing the resistance to physicochemical environmental stress in *Oncorhynchus mykiss* by feeding supplementary Gammarus powder. *Iranian Journal of Marine Science and Technology*, 3(1):57-66.

Mohamadiazarm, H., Abedian, A., Abtahi, A. (2004). Effect of probiotic protexin on the growth and survival of rainbow trout larvae (*Oncorhynchus mykiss*). *Iranian Journal of Marine Science and Technology*, 3(2-3): 69-75.

Conference Meeting

Baghaei, S., Ebrahim Rajabzadeh, E., **Mohammadiazarm, H.**, Mousavi, M. (2019).The effect of different levels of choline and fat on growth and haematological indices of Common carp (*Cyprinus carpio*). 3rd International Congress on Fisheries and Aquatic Research, Istanbul, Turkey.

Mohammadi, M., Yavari, V., **Mohammadiazarm, H.**, Zakeri, M., Sirali, S. (2019). Evaluation of lecithin effects on gut and liver histology in juvenile Binni (*Mesopotamichthys sharpeyi*). 3rd International Congress on Fisheries and Aquatic Research, Istanbul, Turkey.

Mohamadi, K., **Mohammadiazarm, H.**, Salati, A.P., Rjabzadeh, E. (2019). Evaluation of immunological and hematological parameters of juvenile Carp (*Cyprinus carpio*) fed dietary niacin. 3rd International Congress on Fisheries and Aquatic Research, Istanbul, Turkey.

Sabzi, E., **Mohammadiazarm, H.**, Salati, A. (2016). The effects of L-Carnitine in the diet on growth factors of common carp fingerlings. 5 th Congress on Agriculture& Aquatic& Food. Bousher, Iran.

Mohammadiazarm, H., Lee, S.M. (2014). Evaluation of fermented soybean meal to replace fish meal for juvenile olive flounder, *Paralichthys olivaceus*: growth performance, amino acid profile and biochemical parameters. First conference of Khorramshahr Marine Science and Technology. Khorramshahr. Iran

Maniat, M., Ghotbedin, N., Rajabzadeh, E., **Mohammadiazarm, H.** (2014). Effect of different levels of Paprika on some growth factors, survival and biochemical body composition of Benni fish (*Mesopotamichthys sharpeyi*) . International journal of art and science (IJAS) International Conference for Technology and Science, American University of Rome, Via Pietro Roselli 4, 00153 Rome.

Biramii, N., Zakeri, M., Kochenian, P., Yavari, V., **Mohammadiazarm, H.** (2014). Important role of Amino acids, methionine and lysine in feeding of fish with an emphasis on carnivorous fish of Persian Gulf. Third National Conference of Agriculture&Aquatic animals& Food. Bushehr Agricultural Education. Iran.

Biramii, N., Zakeri, M., Kochenian, P., Yavari, V., **Mohammadiazarm, H.** (2014) Investigate the relationship between length and weight of Spardentex hasta in Persian Gulf. Second National Conference of Fisheries and Aquatic of Iran, Islamic Azad University of Bandar Abass, Iran.

Salimi, M., Rajabzadeh, E., **Mohammadiazarm, H.**, Hosseini, S.N. (2014). Comparison Beiza and Gold queen commercial diets on the growth factors of Vannamei shrimp. Sustainable development of sea-based congress. Khorramshahr, Iran.)

Behzadifard, Z., Zaquee, N., Alishahi, M., **Mohammadiazarm, H.**, Mohammadiyan, T. (2014). The effects of different levels of dietary probiotics on growth, nutrition, survival and immune system of Common carp. Sustainable development of sea-based congress. Khorramshahr, Iran.

Abedian A., **Mohammadiazarm, H.**, Abtahi, B., Rezaei, M. (2008). Effect of probiotic protexin on the growth and survival of rainbow trout larvae (*Oncorhynchus mykiss*)', 13th international biotechnology symposium & exhibition. Pages 553.

Skills

I have studied English language for 22 semesters at the Kish Institute, Tehran, Iran. Also, I have skill working with SPSS, Excel, PowerPoint, Microsoft words and WUFFFDA soft wear.

Furthermore, I have worked on freshwater ornamental fish in my own company for two years.