

Curriculum Vitae



Personal Data

Name	Surname	Nationality	Sex
Roghieh	Safari	Iranian	Female

Mobile	Email
09113718176	fisheriessafari@yahoo.com rsafari@gau.ac.ir

Educational Background:

C. Degree	Field of Specialization	Name of Institution Attended	Period
Ph.D.	Aquaculture-Biotechnology	Gorgan University of Agricultural Science and Natural Resources (GUASNR), Iran	2010-2013
M.Sc.	Aquaculture-Biotechnology	Gorgan University of Agricultural Science and Natural Resources (GUASNR), Iran	2004-2007
B.Sc.	Fisheries Science	Gorgan University of Agricultural Science and Natural Resources (GUASNR), Iran	2000-2004

Current position and Professional address:

Associate Professor, Department of Fisheries, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Iran

H-INDEX (22.01.2024):
Google scholar : 15

Website: <http://safari.profcms.gau.ac.ir/?newlang=eng>

Researchgate: <https://www.researchgate.net/profile/Roghieh-Safari>

Scholar google: <https://scholar.google.com/citations?user=gzLvrYgAAAAJ&hl=en>

ORCID: <http://orcid.org/0000-0002-7270-8548>

Research Grants as PI (Since 2017):

Title of Project: Locating artemia cultivation in unconventional saline waters of Golestan province by achieving biotechnique of mass production of biomass and artemia cysts based on technical knowledge. Funder: ISTI,2024

Title of Project: The use of insect protein in aquatic diets: a case study investigating of physiological and biotechnological aspects of meal worm (*Tenebrio molitor*) powder and its methanolic extract in diet of zebrafish (*Danio rerio*) as a biological model. Funder: INSF,2023.

Title of Project: Effect of administration of brown and green macroalgae on growth performance, serum immunity parameters and growth, immune genes expression in Common carp (*Cyprinus carpio*). Funder: Iranian Science Foundation, 2023

Title of Project: The effect of *Alcea rosea* and *Lathyrus sativus* on growth performance , serum biochemical and growth, immunity and antioxidant gene expression in zebrafish. Funder: Deputy of Research, GUASNR, 2023

Title of Project: The effects of dietary administration of polyphenol on growth and immune parameters and growth related gene expression in Bluga (*Huso huso*). Funder:

Deputy of Research, GUASNR, 2019

Title of Project: Effect of dietary supplements (mixture of lactobacillus casei and mushroom powder, malic acid , coriander powder on the expression of immune related genes in some species of carp (*Cyprinus carpio*). . Deputy of Research, GUASNR, 2019

Title of Project: antioxidant enzyme and immune gene expression study in zebrafish. Funder: Deputy of Research, GUASNR, 2018

Title of Project: The effects of dietary administration of Sodium Acetate on growth and antioxidant related gene expression in common carp (*Cyprinus carpio*). Funder: Deputy of Research, GUASNR, 2018

Title of Project: The effects of dietary administration of lactobacillus casei and mushroom powder on immunity related genes expression in zebrafish (*Danio rerio*). Funder: Deputy of Research, GUASNR, 2017

Journals Peer Reviewer

Aquaculture ResearchWOS

AquacultureWOS

Aquaculture NutritionWOS

Fish & Shellfish ImmunologyWOS

Fish Physiology and BiochemistryWOS

Iranian Journal of Fisheries SciencesWOS

Aquaculture ReportsWOS

Environmental Science and Pollution ResearchWOS

Annals of Animal ScienceWOS

Publications in peer-reviewed journals:

- 1- Safari, Shabani, Ramezani, Imanpour, Rezvani . 2014.** Alternation of heat shock protein gene expression in the liver and gill of Persian sturgeon (*Acipenser persicus*) exposed to cadmium chloride. Iranian Journal of Fisheries Science. 13(4): 979-997.
- 2-Safari. 2015.** Toxic effect of Cadmium on antioxidant defense system and lipid peroxidation in *Acipenser persicus*. 2015. International Journal of Aquatic Biology.3(6): 425-432.
- 3- Safari, Hoseinifar, Neghad Moghadam, Jafar . 2016.** Transcriptomic study of mucosal immune, antioxidant and growth related genes and non-specific immune response of common carp fed dietary ferula. Fish and shellfish. 55:242-248.
- 4- Safari, Hoseinifar, Kavandi . 2016.** Modulation of antioxidant defence and immune response in zebra fish (*Danio rerio*) using dietary sodium propionate. Fish Physiology and Biochemistry.
- 5- Hoseinifar, Ssafari, Dadar . 2016.** Dietary sodium propionate effects mucosal immune parameters, growth and appetite related genes expression: insight from zebrafish model. General and comparative endocrinology.
- 6- Safari, Hoseinifar, Neghad Moghadam, Khalil . 2017.** Apple cider vinegar boosted immunomodulatory and health promoting effects of *Lactobacillus casei* in common carp (*Cyprinus carpio*). Fish and shellfish. 67:441-448.
- 7-Safari, Hoseinifar, Hien Van Doan, Dadar. 2017.** The effects of dietary Myrtle (*Myrtus communis*) on skin mucus immune parameters and mRNA levels of growth, antioxidant and immune related genes in zebrafish. Fish and shellfish. 66: 264-269.
- 8-Safari, Hoseinifar, Neghad Moghadam, Khalil . 2017.** Non-specific immune parameters, immune, antioxidant and growth related genes expression of common carp (*Cyprinus carpio* L.) fed sodium propionate. Aquaculture research. 1-9.
- 9- Shakoobi, Hoseinifar, Paknejad, Jafari, Safari. 2018.** The effects of dietary lysozyme on growth performance and haematological indices of rainbow trout (*Oncorhynchus mykiss*) fingerling. Int. J. Aquat. Biol. 6(1): 31-36
- 10 -Amiri, Kolangi, Hoseinifar, Shabani, Safari . 2017.** Skin mucus protein profile, immune parameters, immune related genes expression and growth performance of rainbow trout (*Oncorhynchus mykiss*) fed white button mushroom (*Agaricus bisporus*) powder. International journal of Medicinal Mushrooms
- 11-Safari, Hoseinifar, Neghad Moghadam, Dadar .2018** Combined administration of white button mushroom (*Agaricus bisporus*) and *Lactobacillus casei* modulated immune related genes expression, mucosal and serum immune parameters in goldfish (*Carassius auratus*) model. International journal of Medicinal Mushrooms
- 12- Safari, Hoseinifar, Dadar, Khalili .2018.** Dietary white button mushroom powder improved immunomodulatory and health promoting effects of *Lactobacillus casei* in zebrafish (*Danio rerio*). International journal of Medicinal Mushrooms.
- 13- Safari, Hoseinifar, Imanpour, Mazandarani, Sanchuli. 2020.** Effects of dietary polyphenols on mucosal and humoral immune responses, antioxidant defense and growth gene expression in beluga sturgeon (*Huso huso*). Aquaculture.

14- **Shahraki, N., Imanpour, M.R., Akbari, P., Safari, R and Jafari, V. 2020.** Dietary administration of aqueous Zingiber officinale extract on growth performance, antioxidant activity and resistance of shrimp *Litopenaeus vannamei* against photobacterium damsela. *Iranian Journal of Fisheries Science*.

15- **Rahbar, Satari, Noveirian, Ahmadzadeh, Khara, Safari .2020.** Biochemical and histochemical alterations in Persian sturgeon exposed to malation

16- **Hoseinifar, hoseini, paknejad, jafar, safari, van doan., uosefi. Torfi. 2019.** Enhanced mucosal immune responses, immune related genes and growth performance in common carp (*Cyprinus carpio*) juveniles fed dietary *Pediococcus*. *Developmental and Comparative Immunology*

17- **Safari, R., Hoseinifar, S.H., Dadar, M. and Van Doan, H., 2020.** Enrichment of common carp (*Cyprinus carpio*) diet with Malic acid: Effects on skin mucosal immunity, antioxidant defense and growth performance. *Annals of Animal Science*, 1(ahead-of-print).

18- **Safari, R., Hoseinifar, S.H., Dadar, M. and Nejadmoghaddam, S., 2020.** Effect of dietary sodium acetate on skin mucus immune parameters and expression of gene related to growth, immunity and antioxidant system in common carp (*Cyprinus carpio*) intestine. *Annals of Animal Science*, 1(ahead-of-print).

19- **Roghieh Safari, Seyed Hossein Hoseinifar, Mohammad Reza Imanpour, Mohammad Mazandarani, Habibollah Sanchouli, Marina Paolucci.2020.** Effects of dietary polyphenols on mucosal and humoral immune responses, antioxidant defense and growth gene expression in beluga sturgeon (*Huso huso*). **Aquaculture**

20- **Masomeh Darvishi, Roghieh Safari, Ali Shabani, Seyed Hossein Hoseinifar.2021.** Effects of sublethal concentration of diazinon on the expression of aromatase (CYP 19a) gene in females Zebrafish (*Danio rerio*). **Aquaculture Reports**.

21- **Shadi Mighani, Roghieh Safari, Seyed Hossein Hoseinifar, Ali Shabani, Maryam Dadar. 2022.** The effect of diazinon as agricultural pesticides on reproductive indices and related genes expression in zebrafish (*Danio rerio*). **Aquaculture Research**

22- **Roghieh Safari, Seyed Hossein Hoseinifar, Mohammad Reza Imanpour, Ali Hajibegloo, Habib Sanchouli, Mohammad Homayouni, Muhammad AB Siddik. 2022.** The effects of multi-enzyme and betaine on growth performance, body composition haemato-immunological parameters and expression of growth-related genes in beluga (*Huso huso*). **Aquaculture**

23- **Maryam Musavi, Shaghayegh Hasanpour, Roghieh Safari, Mohammad Reza Imanpour, Joaquim Gutiérrez. 2022.** Combined effects of *Pediococcus acidilactici* and natuzyme on growth performance, hematology and immunity indices in juvenile beluga (*Huso huso*). **Aquaculture Reports**.

24- **Roghieh Safari, Mohammad Reza Imanpour, Seyed Hossein Hoseinifar, Mehwish Faheem, Maryam Dadar, Hien Van Doan. 2022.** Effects of dietary *Lactobacillus casei* on the immune, growth, antioxidant, and reproductive performances in male zebrafish (*Danio rerio*). **Aquaculture Reports**

25-Negin Mahmoudi, Roghieh Safari, Ali Shabani, Seyed Hossein Hoseinifar, Metin Yazici, Ehab El-Haroun. 2022. Can dietary *Dictyota dichotoma* powder affect performance, serum, and mucus immune parameters, and antioxidant defense in Zebrafish (*Danio rerio*)?. **Aquaculture Reports.**

26-Elaheh Rouhani, Roghieh Safari, Mohammad Reza Imanpour, Seyed Hossein Hoseinifar, Metin Yazici, Ehab El-Haroun. 2022. Effect of Dietary Administration of Green Macroalgae (*Ulva intestinalis*) on Mucosal and Systemic Immune Parameters, Antioxidant Defence, and Related Gene Expression in **Aquaculture Nutrition**

27-Ebrahim Masoudi , Aliakbar Hedayati, Tahereh Bagheri, AmirParviz Salati, Roghieh Safari, Mohammad Gholizadeh. Mohammad Zakeri . 2022. Different land uses influenced 5TNH76KI3YE67I5of microplastics in Qarasu Basin Rivers, Gorgan Bay, Caspian Sea. **Environmental Science and Pollution Research**

28-Fatemeh Heshmatfar, Roghieh Safari, Ali Shabani, Seyed Hossein Hoseinifar, Hadi Ghaffari, Bahareh Shokohian, Md Rahamat Ullah, Muhammad AB Siddik. 2023. The effects of combined or singular administration of formic acid and *Pediococcus acidilactici* on stress resistance, growth performance, immune responses and related genes **Aquaculture Reports.**

29- Roghieh Safari, Zahra Roosta, Farzaneh Vakili, Emad Rahmani, Md Sakhawat Hossain, Mojtaba Raeisi, Hien Van Doan, Marina Paolucci, Seyed Hossein Hoseinifar. 2023. Dietary dragonhead effects on growth, immunity and antioxidant and related genes expression in zebrafish (*Danio rerio*). **Aquaculture Reports**

30- Farzaneh Vakili, Zahra Roosta, Roghieh Safari, Mojtaba Raeisi, Md Sakhawat Hossain, Inês Guerreiro, Arash Akbarzadeh, Seyed Hossein Hoseinifar. 2023. Effects of dietary nutmeg (*Myristica fragrans*) seed meals on growth, non-specific immune indices, antioxidant status, gene expression analysis, and cold stress tolerance in **Frontiers in Nutrition.**

31- Seyed Hossein Hoseinifar, Hamed Ghafarifarsani, Mojtaba Raeisi, Mehdi Raissy, Roghieh Safari, Kaveh Khosraviani, Morteza Yousefi, Hien Van Doan . 2023. Effect of dietary nutmeg (*Myristica fragrans*) on growth performance, antioxidant status, immune response, and gene expression of common carp (*Cyprinus carpio*). **Aquaculture Reports**

32- Bakhtiari qmasjed, Sajjadi, Falahatkar, Safari. Effects of dietary ginger (*Zingiber officinale*) extract and curcumin on growth, hematology, immunity, and antioxidant status in rainbow trout (*Oncorhynchus mykiss*). **Aquaculture Reports**

33- SH Hoseinifar, H Ghafarifarsani, M Raeisi, M Raissy, R Safari. 2024. Effect of dietary Moldavian balm (*Dracocephalum moldavica* L.) on growth performance, antioxidant status, immune response, and gene expression of common carp (*Cyprinus carpio*). **Annals Of animal science.**

34-Mortezaee, Falahatkar, Sajadi, Safari.2024. Early nutritional programming in sterlet sturgeon (*Acipenser ruthenus*) with dietary soybean meal: Assessment of growth performance, body composition, and expression of GH, IGF-I, and Ghrelin genes. **Plose One.**

35- Rahar, Safar, Carlos. 2024. Defining desired genetic gains for Pacific white shrimp (*Litopenaeus vannamei*) breeding objective using participatory approaches. *J Anim Breed Genet*

Persian (Farsi) Papers:

1-Hosseini S M, Shabani A, Kolangi Miandare H, Safari R. Genetic structure of *Alburnoides eichwladii* (De Filippi, 1863) in Gilan (Roodsar Paulrood River) using microsatellite markers. *JAIR* 2016; 3 (4) :49-60

2-Safari R, Moghadamfar S, Imanpour M R, Shabani A, Jafar Nodeh A. Antioxidant and immune gene expression in zebra fish (*Danio rerio*). *J. Aqua. Eco* 2016; 6 (1) :93-101

3-Nejad Moghaddam, S., Imanpoor, M. R., Jafari, V. A., & Safari, R. (2018). Effects of dietary, Nettle *Urtica dioica* hydroalcoholic extract on some hematological and biochemical parameters in Goldfish *Carassius auratus*. *Journal of Animal Environment*, 10(2), 189-196.

4-Safari, R., Khani, F., & Haghipoor, M. (2016). Comparison of some plasma and serum Biochemical parameters in Great sturgeon (*Huso huso*), Persian sturgeon (*Acipenser persicus*) and Caspian roach (*Rutilus rutilus caspicus*). *Journal of Animal Environment*, 7(4), 193-200.

5-Safari, R., shabani, A., & Imanpour, M. R. (2015). Effect of sub lethal doses of CdCl₂ on some blood parameters of stress in Juveniles of *Acipenser persicus*. *Journal of Animal Environment*, 6(4), 65-76.

6-Nezhadmoghadam S, Imanpoor M R, Jafari V, Safari R. Effect of *Achillea millefolium* on mucosal immune response and immune related (TNF-alfa) gene expression in Goldfish *Carassius auratus* (Linnaeus, 1758). *JAIR* 2018; 5 (4) :87-100.

7-Darvishi, M., Safari, R., Shabani, A., & Hosseinifar, S. H. (2018). The effects of sub-lethal doses of diazinon in zebra fish ovary tissue. *Journal of Animal Environment*, 10(1), 257-262.

8-Vahedi, F., Safari, R., Shabany, A., Hoseinifar, S. H., Kolangi, H., & Negadmoghadam, S. (2017). Effect of supplementation of diet with *Ferula assafoetida* hydroalcoholic extract on mucosal immune response in zebrafish. *Journal of Animal Environment*, 9(2), 183-190.

9-Akram Aadani, Roghieh Safari, Mohamadreza Imanpour, Ali Jafar Nodeh, (2018). Effect of dietary administration of *Lactobacillus casei* on vitellogenin gene expression in female zebrafish (*Danio rerio*), *Journal of Aquaculture Sciences*, 6(2), 20-28. magiran.com/p1912469

10-Fatemeh Kiapour, Ali Shabani , Roghieh Safari, (2019). Study of catalase and superoxide dismutase genes expression in presence of sublethal doses of endosulfan poison in zebrafish (*Danio rerio*), *Physiology and Aquatic Biotechnology*, 7(2), 1-16. magiran.com/p2027054

11-Abdolmanafi, M., Shabani, A., & Safari, R. (2019). Effects of dietary administration of hydroalcoholic extract of fennel (*Foeniculum vulgare*) on expression of genes related to reproduction (Estrogen receptor and Vitellogenin) in female of zebrafish (*Danio rerio*). *Aquaculture Sciences*, 6(2), 89-98.

12-Homayouni, M., Safary, R., & Imanpour, M. (2020). Effect of dietary administration of betaine and Apsozyme multi enzyme. *Journal of Animal Environment*, 12(4), 417-424. doi: 10.22034/aej.2020.131591

- 13-Saeidi Z, Mirvaghefi A, Elmdoust A, Farahmand H, Safari R. Investigation of sex maturity and morphohistology of gonad in the broodstock of (Hamilton, 1822) *Danio rerio* influenced by probiotic (*Lactobacillus plantarum*). *isfj* 2020; 29 (2) :103-114
- 14-Mousavi, Imanpour, & Safari. 2020. Effect of Natuzym multi-enzyme and *Pediococcus acidilactici* prebiotic in the diet on growth and hematological indices in Beluga sturgeon. *Animal Environment*.
- 15-Safari, Imanpour, Jafari, & Nejad Moghaddam. 2020. Effects of barley malt concentrate on the expression of some growth and mucus immunity-related genes in common carp. *Aquaculture Development*.
- 16-Paknejad, Enayat, & Safari. 2019. Expression of genes encoding aromatase enzyme during the larval development of zebrafish. *Journal of Aquatic Ecology*.
- 17-Paknejad, Enayat, Safari, & Hosseinifar. 2019. Study of GH and ghrelin gene expression during the larval development of zebrafish. *New Findings in Biological Sciences*.
- 18-Chaharborji, Imanpour, Safari, & Jafar. 2019. Effect of mint essence on reducing stress during the transportation of common carp. *Animal Research Journal*.
- 19-Karimi, Imanpour, Safari, Hosseinifar, & Jafar. 2018. Effects of multi-enzyme and *Pediococcus acidilactici* prebiotic on growth indices and blood biochemical indices in common carp (*Cyprinus carpio*). *Animal Environment*.
- 20-Rahbar, Sattari, Noorian, Ahmadzadeh, Khara, & Safari. 2019. Effect of malathion toxin on the activity of some digestive enzymes and intestinal tissue pathology in juvenile Iranian sturgeon. *Physiology and Biotechnology of Aquatics*.
- 21-Safari, Ghasemi, Rezvani, & Ghaffari. 2019. Population structure of sea cucumber in the northern coasts, Persian Gulf, and Oman Sea using DNA sequencing. *Aquaculture Science Journal*.
- 22-Malaei Ghasemi, Shabani, & Safari. 2019. Effects of potassium sorbate in the diet on the expression of growth-related genes in common carp. *Animal Environment*.
- Kananai, Shabani, & Safari. 2019. Effects of separate and combined use of sodium propionate and probiotic salt on some growth factors and expression of growth-related genes in juvenile common carp. *Animal Environment*.
- 23-Niki Maleki, Shabani, & Safari. 2019. Effects of separate and combined use of probiotic and prebiotic in the diet on the expression of growth-related genes in juvenile common carp. *Animal Environment*.
- 24-Hadi Asadi, Majidreza Khoshkholagh, Hamid Alaf Noorian, & Roghieh Safari. 2023. Potential use of desert locust (*Schistocerca gregaria*) as a protein source in the diet of rainbow trout (*Oncorhynchus mykiss*) juveniles: Growth performance and blood biochemical parameters. *Journal of Aquaculture Exploitation and Farming*.
- 25-Hadi Asadi, Majidreza Khoshkholagh, Hamid Alaf Noorian, Roghieh Safari, & Abbas Gheytsi. 2023. Evaluation of growth, immunity, and hematology indices in the diet of rainbow trout (*Oncorhynchus mykiss*) juveniles based on locust powder (*Schistocerca gregaria*). *Fisheries, Journal of Iran Natural Resources*.
- 26-Abbas Barari, Mohammadreza Imanpour, Roghieh Safari, & Seyed Hossein Hosseinifar. 2023. Effect of different carbon to nitrogen ratios on growth factors, carcass composition, and hematological and biochemical indices of cultured carp. *Aquaculture Journal*.
- 27-Aref Heshmati, Abdollahmohammad Abedian Kanari, & Roghieh Safari. 2021. Effect of exogenous enzymes (alpha-amylase, cellulase, xylanase, and beta-glucanase) on non-specific immune indices and intestinal bacterial flora of rainbow trout (*Oncorhynchus mykiss*) fed a high-carbohydrate diet. *Aquaculture Development Journal*.

- 28-Shahin Bakhtiari Aghmasjed, Mir Masoud Sajadi, Bahram Falahatkar, & Roghieh Safari. 2021. Effect of plant additives curcumin and hydroalcoholic ginger extract on growth and biochemical indices in rainbow trout. *Aquaculture Development Journal*.
- 29-Hajibeglou & Safari. 2017. Study of protein requirements of triploid all-female 29-rainbow trout juveniles from the Aqualand France company. *Animal Environment*.
- 30-Hadi Asadi, Hamid Alaf Noorian, Majidreza Khoshkholagh, & Roghieh Safari. 2021. Effects of different levels of desert locust (*Schistocerca gregaria*) powder replacement on growth performance, survival, biochemical composition, and digestive enzymes of juvenile rainbow trout (*Oncorhynchus mykiss*). *Iranian Scientific Fisheries Journal*.
- 31-Erfan Bararzadeh Araei, Hamed Paknejad, Seyed Ali Akbar Hedayati, Roghieh Safari, & Abbasali Hajibeglou. 2021. Sub-lethal effects of lead chloride (PbCl₂) on hematological indices, liver enzymes, and cytochrome P450 gene expression in common carp (*Cyprinus carpio*). *Applied Ichthyology Journal*.
- 32-Shokouhian, Safari, Imanpour, & Jafar. 2021. Effects of sub-lethal concentrations of copper sulfate on vitellogenin gene expression in female zebrafish (*Danio rerio*). *Animal Environment*.
- 33-Alijanzadeh, Imanpour, Mazandarani, & Safari. 2023. Comparative performance of reproductive and growth outcomes from imported and commonly cultivated common carp breeders. *Journal of Aquaculture Exploitation and Farming*.
- 34-Masoudi, Hedayati, Bagheri, Salati, Safari, Gholizadeh, & Zakeri. 2021. Study of microplastic contamination in fish of the Gharasu River basin, Golestan Province. *Aquaculture Sciences*.
- 35-Mazandarani, Hosseinifar, Gholitabar, & Safari. 2023. Evaluation of the performance of anti-Yersinia vaccine in juvenile rainbow trout. *Journal of Aquaculture Exploitation and Farming*.
- 36-Hosseinnia, Safari, & Paknejad. 2024. Comparison of the genetic structure of Caspian Sea kutum (*Rutilus kutum*) (Gorganrud and Bandar Anzali) using microsatellite markers. *Aquaculture Development*.
- 37-Esmail Jabbari, Valiollah Jafari, Roghieh Safari, Seyed Hossein Hosseinifar, & Mohammadreza Imanpour. 2024. Impact of synbiotic pectin and *Lactobacillus plantarum* on growth performance and expression of growth-related genes in juvenile Beluga sturgeon (*Huso huso*). *Journal of Aquaculture Exploitation and Farming*.
- 38-Farhadi, Imanpour, & Safari. 2024. Effect of adding *Spirulina* (*Spirulina platensis*) and Natuzym multi-enzyme on growth performance, survival, and blood indices of juvenile common carp (*Cyprinus carpio*). *Journal of Aquaculture Exploitation and Farming*.
- 39-Safari, Rouhi. 2016. Application of Anesthetics in Ornamental Fish. *Ornamental Aquatics*. Year 3, No. 2, pp. 31-41.
- 40-Fahim, Safari. 2016. A Review of Marking Lines in Fish with a Focus on Ornamental Fish. *Ornamental Aquatics*. Year 3, No. 3, pp. 15-25.
- 41-Aghili, Safari, Imanpour, Salehi, & Rezvani. 2016. Economic Evaluation of Carp Production in Golestan Province. *Aquatic Production and Exploitation*. Year 5, No. 2, pp. 31-41.
- 42-Nejad Moghaddam, Safari, Hajibeglou, & Fallahi. 2017. Effects of Music on Ornamental Fish. *Ornamental Aquatics*. Year 3, No. 4, pp. 21-31.
- Nejad Moghaddam, Safari, Nahavandi. 2017. Bacterial Diseases of Ornamental Fish. *Ornamental Aquatics*. Year 4, No. 1, pp. 29-39.

43-Bahrami, Meshkini, & Safari. 2019. Effect of Formic Acid in the Diet on Mucosal Immunity and Non-specific Immune Indices in Juvenile Common Carp. Aquaculture Exploitation and Farming.

44-Roghieh Safari, Sohrab Rezvani Gil Kalaei, Ali Shabani, Ahmadreza Jebleh, Morad Mohammad Shakiba. 2019. Assessment of Economic Fish Stocks in the Southern Caspian Sea Coasts Using Microsatellite Marker Studies. Conservation and Natural Resource Exploitation.

45-Mina Rahbar, Mansour Sharifian, Shohreh Masaeli, Roghieh Safari. 2021. A Review of the Importance of Cytochrome P450 Enzyme. Ornamental Aquatics.

46-Roghieh Safari, Hamideh Zakeriae, Maryam Foroozad. 2021. Nanoadsorbents and Their Applications in Removing Heavy Metals. Ornamental Aquatics.

47-Mansoureh Abdolmanafi, Reza Nahavandi, Roghieh Safari. 2021. Role of Phytoestrogens in Enhancing Reproductive Performance in Ornamental Fish. Ornamental Aquatics.

48-Mirzaei, Safari. 2023. Stress in Ornamental Fish and the Use of Medicinal Plants to Control It. Ornamental Aquatics.

International Conference papers:

1-Mortezaee, Falahatkar, Sajadi, Safari . 2023. Gene Expression Of Ppar- α Associated With The Nutritional Intervention Of Plant-based Diet In Sterlet Sturgeon (*acipenser ruthenus*) Through Initial Feeding Stag.

2- Sadani, Safari, Imanpour, Jafar. Hoseinifar, Rahbar. 2021. Lactobacillus Casei Effects On Gonad Histology In Female Zebrafish (*danio Rerio*)

3-Sadani, Safari, Imanpour, Jafar. 2021. Effect Of Dietary Administration Of Lactobacillus Casei On Reproduction Related Genes Expression (vitellogenin, Cyp19a And Estrogen Receptor) In Female Zebrafish (*danio Rerio*)

4-Saeedi, Alireza Mirvaghefi , Amirreza Abed Elmdou , Hamid Farahmand, Safari , Issa Sharifpour. 2023. Protective Effects Of Lactobacillus Plantarum Against Aeromonas Hydrophila Infection And Histopathological Alterations In Zebrafish (*danio Rerio*)

5- Rezaee. Imanpour, Safari. Eshraghi. 2024. The importance of mechanization in achieving sustainable development in aquatic production in iran

6-Rezaee. Imanpour, Safari. Eshraghi. 2024. INVESTIGATION OF EFFICIENCY OF DUAL -PURPOSE RAINBOW TROUT BREEDING POND AND THE EFFECT OF MECHANIZATION ON IT IN THE WESTERN REGION OF ISFAHAN PROVINCE

7-Rahbar, Safari. 2024. Weighted goal programming in aquatic breeding

Rahbar, Safari. 2024. Utilization of analytic hierarchy process (AHP) to aquatic breeding

SKILLS:

Gene expression, Electrophoresis, RNA extraction, DNA extraction, Cloning, SDS Page, Protein purification, DNA sequencing, Cell culture, Primer designing, Real time Genetic software: , Popgene, Ntsys, Arlequin, GeneAlex, Bottleneck, GDA, TFGA , MEGA , Bioedit , ArcGIS

