



Curriculum Vitae

Personal Data:

Name	Surname	Date of Birth	Nationality	Sex	Marital Status
Seyed Hossein	Hoseinifar	1985	Iranian	Male	Married

Telephone	Mobile	E-mail
+981732245028	+989113706839	hoseinifar@gau.ac.ir ; hossein.hoseinifar@gmail.com

Educational Background:

C. Degree	Field of Specialization	Name of Institution Attended	Period
Ph.D	Aquaculture, Pre-, Pro-, Synbiotics	University of Tehran	2010-2014
MSc	Aquaculture	University of Tehran	2007-2010
BSc	Fisheries Science	Gorgan University of Agricultural Science and Natural Resources (GUASNR), Iran	2003-2007

Awards:

- Awarded as Most Talented Youth of City
- The most Talented Youth of Golestan Province - Awarded by Ministry of Youth
- Qualified as a Member of Iranian elite institute
- Top Graduate student of Gorgan University of Agricultural Sciences & Natural resources (B.S.)
- Top graduated MSc student of University of Tehran
- Ranked as top student of University of Tehran in 2009
- Honors PhD student of fisheries of Tehran University
- Honors PhD student of fisheries -Qualified by Ministry of Jihad-e Agriculture
- Top researchers of Young researchers Club in 2010 & 2011
- Honors reviewer of Journal of Aquaculture research and developments
- Honors reviewer of African Journal of Microbiology Research

Editor of:

- Special issues Editor of Aquaculture, Research and Developments
- Section Editor of International Journal of Aquatic Biology

Editorial Board Member of:

- ARC Journals of Immunology and Vaccines
- Journal of Aquaculture and Research
- International Journal of Aquaculture and Fishery Sciences
- Journal of Coastal Life Medicine

Journals peer reviewer:

- PLOSE ONE
- Journal of Applied Microbiology

- Fish and shellfish immunology
- Diseases of Aquatic Organisms
- Fish Physiology and Biochemistry
- Beneficial Microbes
- Journal of Biotechnology & Biomaterials
- Aquaculture Research
- Aquaculture Nutrition
- Journal of the World Aquaculture Society
- Journal of Aquaculture research and developments
- Journal of Parasitic Disease
- Turkish Journal of Fisheries and Aquatic Sciences
- Iranian Journal of Fisheries Sciences
- Chinese Journal of Oceanology and Limnology
- Asian Fisheries Science Journal
- African Journal of Biotechnology
- International Journal of Molecular and Clinical Microbiology
- Global Research Journal of Microbiology
- African Journal of Microbiology Research
- Journal of Agricultural and Biological Sciences
- Journal of Agricultural Science and Technology
- International Research Journal of Agricultural Science
- Environmental Sciences Group journals
- American Journal of Experimental Agriculture
- Philippine Agricultural Scientist
- Global Research Journal of Microbiology

Selected Conference papers:

1. Ahmadnia, H., Farhangi, M., Rafiee. GH., Fazli, P., Asadi Moghadam, B., **Hosseiniifar., S.H.**, 2010. Determination the Optimum Level of Feeding *Artemia urmiana* with Yeast (*Saccharomyces cerevisiae*) and Effects of Different Levels of Yeast on Growth and Survival *Artemia*. *16th national and 4th International conference of biology*. 14-16 September, 2090-2091
2. Mardaneh Khatooni, M., **Hoseinifar, S.H.**, Mojazi Amiri, B., Makhdoomi N., 2010. Preliminary study on semi-closed incubator efficiency for hatching Persian sturgeon (*Acipenser persicus*) eggs. 15 June, Barcelona, Spain.
3. Mardaneh Khatooni, M., Mojazi Amiri, B., Jafari, V., Mirvaghefi, A., rafiei, J., **Hoseinifar., S. H.** 2010. Study the salinity effects on developmental procedure of, Persian sturgeon, *Acipenser* embryos during incubation. *International Congress on the Fish Biology*, 15 June, Barcelona, Spain.
4. **Hoseinifar, S.H.**, Mirvaghefi, A., Mojazi Amiri, B., 2010. Modulation of beluga juveniles intestinal microbiota using dietary Brewer's yeast *Saccharomyces cerevisiae* Var. *ellipsoideus*. *International Congress on the Fish Biology*, 15 June, Barcelona, Spain.
5. Ahmadnia motlagh, Hamidreza., Farhangi, Mehrdad., **Hoseinifar, S.H.**, 2009. Potential application of probiotics as a modulator of *Artemia* nauplii bacterial load. *Proceeding of International symposium on Artemia biology and distribution*, 13-14 December, Urima, Iran, 250-253.
6. **Hoseinifar, S.H.**, Zare, P., 2009. The application of prebiotic-enriched *Artemia* in Indian white shrimp, *Fenneropenaeus indicus* larviculture. *Proceeding of International symposium on Artemia biology and distribution*, 13-14 December, Urima, Iran, 247-250
7. **Hoseinifar, S.H.**, Mirvaghefi, A., Mojazi Amiri, B., Khoshbavar Rostami, H., 2009. The effects of oligofructose as prebiotic on growth performance, survival, haematological factors

- and intestinal microbiota of beluga juvenile (*Huso huso*). *Proceeding of 6th International symposium on sturgeons*, October 25-31, Wuhan, Hubei Province, China, 210-211
8. **Hoseinifar, S.H.**, Zare, P., 2009. Survival and growth factors of Indian white shrimp (*Fenneropenaeus indicus*) larvae and post larvae fed a single dose of lecithin. *Proceeding of Asian-Pacific Aquaculture meeting*, November 3 – 6, Kuala Lumpur, Malaysia. 234 p.
 9. **Hoseinifar, S.H.**, Zare, P., 2008. The effects of intestinal microflora manipulation by prebiotic on survival of Indian white shrimp post larvae (*Fenneropenaeus indicus*). *Proceeding of 15th national an 3rd International conference of biology*, 19-21 August, Tehran, Iran, P. 123 (Abstract)
 10. **Hoseinifar, S.H.**, Mahious, A.S., 2007. Probiotics, prebiotics and Synbiotics in Aquaculture: A review. *Proceeding of International Training Course on fish Nutrition and disease*, 5 September, Ghaemshahr, Iran, P. 23 (Abstract)
 11. Sudagar, M., **Hoseinifar, S.H.**, 2005. The use of Optimun in diet of grand sturgeon *Huso huso* fry and its effects on growing factors and survival rate. *Proceedings of the 5th international symposium on sturgeons*. Ramsar, Iran, 9-13 may, P. 93 (Full text)

Publications in peer-reviewed journals:

1. Li, X., Ringø, E., **Hoseinifar, S.H.**, Lauzon, H., Birkbeck, H., Yang, D., 2017. Adherence and colonisation of microorganisms in the fish gastrointestinal tract. *Journal of Applied Microbiology*; *Under review*.
2. **Hoseinifar, S.H.**, Van Doan, H., Dadar, M., 2017. Mushrooms and their derivate as functional feed additives: a review of current knowledge. *Journal of Functional Foods*; *Under review*
3. Safari, R., **Hoseinifar, S.H.**, Nejadmoghadam, Sh., 2017. Apple cider vinegar boosted immunomodulatory and health promoting effects of *Lactobacillus casei* in common carp (*Cyprinus carpio*). *Fish & Shellfish Immunology*; *Under review*.
4. **Hoseinifar, S.H.**, Dadar, M., Ringø, E., 2017. Modulation of nutrient digestibility and digestive enzyme activities in aquatic animals: the functional feed additives scenario. *Reviews in Aquaculture*; *Under review*.
5. Ebrahimi, M., Daeman, H., Chong, C.M., Karami, A., Kumar, V., **Hoseinifar, S.H.**, Romano, N., 2017. Comparing the effects of different dietary organic acids on the growth, intestinal short chain fatty acids, and liver histopathology of red hybrid tilapia (*Oreochromis* sp.) and potential use of these as preservatives. *Fish Physiology and Biochemistry*; **Accepted (Impact factor: 1.42)**.
6. Hoseinifar, S.H., Ahmadi, A., Raeisi, M., Van Doan, H., Khalili, M., Caipang, C.M., 2017. The study of antioxidant enzymes and immune-related genes expression in common carp (*Cyprinus carpio*) fingerlings fed different prebiotics. *Aquaculture Research*; **accepted; (Impact factor: 1.60)**.
7. Rufchaei, R., **Hoseinifar, S.H.**, Mirzajani, A., Van Doan, H., 2017. Dietary administration of *Pontogammarous meoticus* extract affects immune responses, stress resistance, feed intake and growth performance of Caspian roach (*Rutilus caspicus*) fingerlings. *Fish & Shellfish Immunology*; *Accepted (Impact factor: 3.02)*.
8. Van Doan, H., **Hoseinifar, S.H.**, Tapingkae, W., Tongsir, S., Khamtavee, P., 2017. The effects of dietary kefir and low molecular weight sodium alginate on serum immune parameters, resistance against *Streptococcus agalactiae* and growth performance in Nile tilapia (*Oreochromis niloticus*). *Fish & Shellfish Immunology*; *Accepted (Impact factor: 3.02)*

9. Safari, R., **Hoseinifar, S.H.**, Nejadmoghadam, Sh., Khalili, M., 2016. Non-specific immune response, immune, antioxidant and growth related genes expression in common carp fed sodium propionate. *Aquaculture Research*; Accepted; **(Impact factor: 1.60)**.
10. Dadar, M., Vakharia, V.N., **Hoseinifar, S.H.**, Salgado-Miranda, C., Rajabi Memari, H., 2016. Advances in aquaculture vaccines against fish pathogens: Global status and trends. *Reviews in Fisheries Science & Aquaculture*; Accepted; **(Impact factor: 1.14)**.
11. **Hoseinifar, S.H.**, Safari, R., Dadar, M., 2016. Dietary sodium propionate affects mucosal immune parameters, growth and appetite related genes expression: insights from zebrafish model. *General and Comparative Endocrinology*; DOI: 10.1016/j.ygcen.2016.11.008; **(Impact factor: 2.72)**.
12. **Hoseinifar, S.H.**, Sun, Y-Z., Caipang, C.M., 2016. Short chain fatty acids as feed supplements for sustainable aquaculture: an updated view. *Aquaculture Research*; Accepted; **(Impact factor: 1.60)**.
13. Hosseini, M., Kolangi, H., Hoseinifar, S.H., Yarahmadi, P., 2016. Dietary *Lactobacillus acidophilus* modulated skin mucus protein profile, immune and appetite gene expression in gold fish (*Carassius auratus gibelio*). *Fish & Shellfish Immunology*; Accepted **(Impact factor: 3.02)**
14. **Hoseinifar, S.H.**, Zoheiri, F., Lazado, C., 2016. Dietary phytoimmunostimulant Persian hogweed (*Heracleum persicum*) has more remarkable impacts on skin mucus than on serum in common carp (*Cyprinus carpio*). *Fish & Shellfish Immunology*; DOI:10.1016/j.fsi.2016.10.025; **(Impact factor: 3.02)**
15. Van Doan, H., **Hoseinifar, S.H.**, Tapingkae, W., Tongsir, S., Khamtavee, P., 2016. Combined administration of low molecular weight sodium alginate boosted immunomodulatory, disease resistance and growth enhancing effects of *Lactobacillus plantarum* in Nile tilapia (*Oreochromis niloticus*). *Fish & Shellfish Immunology*; DOI: 10.1016/j.fsi.2016.09.050 **(Impact factor: 3.02)**
16. Khodadian Zou, H., **Hoseinifar, S.H.**, Kolangi Miandare, H., Hajimoradloo, A., 2016. Agaricus bisporus powder improved cutaneous mucosal and serum immune parameters and up-regulated intestinal cytokines gene expression in common carp (*Cyprinus carpio*) fingerlings. *Fish & Shellfish Immunology*; DOI: 10.1016/j.fsi.2016.09.050 **(Impact factor: 3.02)**
17. **Hoseinifar, S.H.**, Dadar, M., Khalili, M., Cerezuela, R., Esteban, M. Á., 2016. Effect of dietary supplementation of palm fruits extracts on the transcriptom of growth, antioxidant enzyme and immune related gene in common carp (*Cyprinus carpio*) fingerlings. *Aquaculture research*; Accepted; DOI: 10.1111/are.13192 **(Impact factor: 1.60)**.
18. **Hoseinifar, S.H.**, Zoheiri, F., Rufchaei, R., Dadar, M., Ringø, E., 2016. Dietary galactooligosaccharide elicits positive effects on humoral immune response, skin mucus immune parameters and growth performance in Caspian white fish (*Rutilus frisii kutum*) fry. *Fish & Shellfish Immunology*; 10.1016/j.fsi.2016.08.001 **(Impact factor: 3.02)**
19. **Hoseinifar, S.H.**, Ahmadi, A., Raeisi, M., Hosseini, S.M., Khalili, M., Bahrapour, N., 2016. Comparative study on immunomodulatory and growth enhancing effects of three prebiotics (galactooligosaccharide, fructooligosaccharide and inulin) in common carp (*Cyprinus carpio*). *Aquaculture research*; doi: 10.1111/are.13156 **(Impact factor: 1.60)**.
20. **Hoseinifar, S.H.**, Zoheiri, F., Caipang, C.M., 2016. Dietary sodium propionate improved performance, mucosal and humoral immune responses in Caspian white fish (*Rutilus frisii kutum*) fry. *Fish & Shellfish Immunology*; 55, 523-528. 10.1016/j.fsi.2016.06.027. **(Impact factor: 3.02)**.
21. Safari, R., **Hoseinifar, S.H.**, Kavandi, M., 2016. Modulation of antioxidant defence and immune response in zebra fish (*Danio rerio*) using dietary sodium propionate. *Fish Physiology and Biochemistry*; 42, 6, 1733–1739. **(Impact factor: 1.42)**.

22. Kolangi Miandare, H., Farvardin, Sh., Shabani, A., **Hoseinifar, S.H.**, Ramezanpour, S. S., 2016. The effects of galactooligosaccharide on systemic and mucosal immune response, growth performance and appetite related gene transcript in goldfish (*Carassius auratus gibelio*). *Fish & shellfish immunology*; 55, 479-483. DOI: 10.1016/j.fsi.2016.06.020. **(Impact factor: 3.02)**
23. **Hoseinifar, S.H.**, Khalili, M. Sun, Y. Zh., 2016. Intestinal histomorphology, autochthonous microbiota and growth performance of Oscar (*Astronotus ocellatus* Agassiz, 1831) following dietary administration of xylooligosaccharide. *Journal of Applied Ichthyology*, 32, 1137-1141 doi: 10.1111/jai.13118. **(Impact factor: 0.78)**
24. Safari, R., **Hoseinifar, S.H.**, Nejadmoghadam, Sh., Jafar, A., 2016. Transcriptomic study of mucosal immune, antioxidant and growth related genes and non-specific immune response of Common carp (*Cyprinus carpio*) fed dietary Ferula (*Ferula assafoetida*). *Fish & Shellfish Immunology*; 55, 242-248 **(Impact factor: 3.02)**.
25. Azimirad, M., Meshkini, S., Ahmadifard, N., **Hoseinifar, S.H.**, 2016. The effects of feeding with synbiotic (*Pediococcus acidilactici* and fructooligosaccharide) enriched adult Artemia on skin mucus immune responses, stress resistance, intestinal microbiota and performance of angelfish (*Pterophyllum scalare*). *Fish & Shellfish Immunology*; 3, 5, 516-522 **(Impact factor: 3.02)**.
26. Azimirad, M., Meshkini, S., Ahmadifard, N., **Hoseinifar, S.H.**, 2016. The study of enrichment capability of adult *Artemia franciscana* with singular or combined administration of *Pediococcus acidilactici* and fructooligosaccharide. *International Journal of Aquatic Biology*. Accepted (ISC)
27. Sharifian, M., Hajimoradloo, A., Ghorbani, R., **Hoseinifar, S.H.**, 2016. The effects of dietary vitamin A on skin mucus immune responses, haematological parameters and growth performance of Caspian roach (*Rutilus caspicus*) fry. *Aquaculture Nutrition*; DOI: 10.1111/anu.12456 **(Impact factor: 1.51)**.
28. **Hoseinifar, S.H.*.**, Hosseini, S.M., Bagheri, D., 2016. Combined or singular administration of galactooligosaccharide and *Pediococcus acidilactici* affect antioxidant enzymes activity and disease resistance of rainbow trout, *Oncorhynchus mykiss*. *Annals of Animal Science*; DOI: 10.1515/aoas-2016-0024. **(Impact factor: 0.59)**.
29. **Hoseinifar, S.H.*.**, Khalili, M., Roufchaie, R., Raeisi, M., Attar, M., Cordero, H., Esteban, M., 2015. Effects of date palm fruit extracts on skin mucosal immunity, immune related genes expression and growth performance of common carp (*Cyprinus carpio*) fry. *Fish & Shellfish Immunology*; 47, 2, 706-711. **(Impact factor: 3.02)**.
30. Hedayati, S.A., Hosseini, S.M., **Hoseinifar, S.H.**, 2016. Response of plasma copper, ceruplasmin, iron and ions in carp, *Cyprinus carpio* to waterborne ion and nanoparticle exposure. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*; 179, 87-93 **(Impact factor: 2.54)**
31. **Hoseinifar, S.H.*.**, Mirvaghefi, A., Amoozegar, M.A., Merrifield, D., Ringø, E., 2015. In vitro selection of a synbiotic and in vivo evaluation on intestinal microbiota, performance and physiological response of rainbow trout (*Oncorhynchus mykiss*) fingerlings. *Aquaculture Nutrition*; Accepted DOI: 10.1111/anu.12373. **(Impact factor: 1.51)**.
32. Gheisvandi, N., Hajimoradloo, A., Ghorbani, R., **Hoseinifar, S.H.**, 2015. The effects of gradual or abrupt changes of salinity on digestive enzymes activity of Caspian kutum, *Rutilus kutum* (Kamensky, 1901) larvae. *Journal of Applied Ichthyology*, 31, 6, 1107–1112. **(Impact factor: 0.78)**
33. Yarahmadi, P*., Kolangi, H., **Hoseinifar, S.H.**, 2016. Hemato-immunological and serum biochemical parameters, intestinal histomorphology and growth performance of rainbow trout

- (*Oncorhynchus mykiss*) fed dietary fermentable fiber (Vitacel®). *Aquaculture Nutrition*, 22, 5, 1134–1142. **(Impact factor: 1.51)**.
34. **Hoseinifar, S.H***, Eshaghzadeh, H., Vahabzadeh, H., Peykaran Mana, N., 2015. Modulation of growth performances, survival, digestive enzyme activities and intestinal microbiota in common carp (*Cyprinus carpio*) larvae using short chain fructooligosaccharide. *Aquaculture research*, 40, 10, 3246–3253. DOI: 10.1111/are.12777 **(Impact factor: 1.60)**
 35. **Hoseinifar, S.H***, Esteban, M.A., Cuesta, A., Sun, Y-Z., 2015. Prebiotics and fish immune response: a review of current knowledge and future perspectives. *Reviews in Fisheries Science & Aquaculture*; 23, 4, 315-328 **(Impact factor: 1.14)**.
 36. **Hoseinifar, S.H***, Mirvaghefi, A., Amoozegar, M.A., Sharifian, M., Esteban, M.Á., 2015. Modulation of innate immune response, mucosal parameters and disease resistance in rainbow trout (*Oncorhynchus mykiss*) upon synbiotic feeding. *Fish & shellfish immunology*; 45, 1, 27-32. **(Impact factor: 3.02)**.
 37. **Hoseinifar, S.H***, Zare, P., 2015. The effects of prebiotic on gut microbiota and survival rate of Indian white shrimp post-larvae (*Fenneropenaeus indicus*). *Veterinary Research Forum*; 6, 4, 331-335.
 38. Yan, Y.Y., Xia, H.Q., Yang, H.L., **Hoseinifar, S.H**, Sun, Y.ZH., 2015. Effects of dietary live or heat-inactivated autochthonous *Bacillus pumilus* SE5 on growth performance, immune responses and immune genes expression in grouper *Epinephelus coioides*. *Aquaculture Nutrition*; Accepted DOI: 10.1111/anu.12297 **(Impact factor: 1.51)**.
 39. **Hoseinifar, S.H***, Roosta, Z., Hajimoradloo, A., Vakili, F., 2015. The effects of *Lactobacillus acidophilus* as feed supplement on mucosal immune parameters, intestinal microbiota, stress resistance and growth performance of black swordtail (*Xiphophorus helleri*). *Fish & shellfish immunology*; 42, 2, 533-538. **(Impact factor: 3.02)**.
 40. Roosta, Z., **Hoseinifar, S.H***, 2016. The effects of crowing stress on some epidermal mucus immune parameters, growth performance and survival rate of Tiger barb (*Puntius tetrazona*). *Aquaculture Research*; 47, 5, 1682-1686. DOI: 10.1111/are.12616. **(Impact factor: 1.60)**
 41. Roufchaie, R*, **Hoseinifar, S.H.**, 2014. Effects of dietary commercial yeast glucan on innate immune response, hematological parameters, intestinal microbiota and growth performance of white fish (*Rutilus frisii kutum*) fry. *Croatian Journal of Fisheries*; 72, 156-163.
 42. Yarahmadi, P., Farahmand, H*, Kolangi, H., Mirvaghefi, A., **Hoseinifar, S.H***, 2014. Dietary fermentable fiber upregulated immune related genes expression, increased innate immune response and resistance of rainbow trout (*Oncorhynchus mykiss*) against *Aeromonas hydrophila*. *Fish & shellfish immunology*; 41, 2, 326-331. **(Impact factor: 3.02)**.
 43. **Hoseinifar, S.H***, Soleimani, N., Ringø, E., 2014. Effect of dietary fructo-oligosaccharide supplementation on the growth performance, haemato-immunological parameters, gut microbiota and stress resistance of common carp (*Cyprinus carpio*) fry. *British Journal of Nutrition*, 112, 8, 1296-1302. **(Impact factor: 3.31)**.
 44. **Hoseinifar, S.H***, Ringø, E., Shenavar Masooleh, A., Esteban, M.Á., 2016. Probiotic, prebiotic and synbiotic supplements in sturgeon aquaculture: a review. *Reviews in Aquaculture*; 8,1, 89-102 DOI: 10.1111/raq.12082 **(Impact factor: 4.76)**.
 45. Yarahmadi, P., Kolangi, H*, **Hoseinifar, S.H.**, Gheysvandi, N., Akbarzadeh, A., 2015. The effects of stocking density on hemato-immunological and serum biochemical parameters of rainbow trout (*Oncorhynchus mykiss*). *Aquaculture International*; 23, 1, 55-63 **(Impact factor: 0.96)**

46. Eshaghzadeh, H., **Hoseinifar, S.H***, Vahabzadeh, H., Ringø, E., 2015. The effects of dietary inulin on growth performances, survival and digestive enzyme activities of common carp (*Cyprinus carpio*) fry. *Aquaculture Nutrition*; 21, 2, 242-247. **(Impact factor: 1.51)**.
47. Roosta, Z., Hajimoradloo, A.M., Ghorbani, R., **Hoseinifar, S.H.**, 2014. The effects of dietary vitamin C on skin mucus immune response and growth performance of Caspian roach (*Rutilus rutilus caspicus*) fry. *Fish Physiology and Biochemistry*; 40, 5, 1601-1607. **(Impact factor: 1.42)**.
48. Gheisvandi, N., Hajimoradloo, A., **Hoseinifar, S.H.**, 2014. The effect of water temperature on food transit time and digestive enzymes activity in Caspian kutum (*Rutilus kutum*) larvae. *International Journal of Aquatic Biology*. 2, 3, 138-146 (ISC)
49. **Hoseinifar, S.H***, Sharifian, M., Khalili, M., Vesaghi, M.J., Esteban, M.Á., 2014. The effects of dietary xylooligosaccharide on mucosal parameters, intestinal microbiota and morphology and growth performance of Caspian white fish (*Rutilus frisii kutum*) fry. *Fish & shellfish immunology*, 39, 2, 231–236 **(Impact factor: 3.02)**.
50. Llewellyn, M., Boutin, S., **Hoseinifar, S.H.**, Derome, N., 2014. Teleost microbiomes: progress towards their characterisation, manipulation and applications in aquaculture and fisheries. *Frontiers in Microbiology*; 5, 207. **(Impact factor: 4.16)**.
51. Yarahmadi, P., Farahmand, H*, Kolangi, H., Mirvaghefi, A., **Hoseinifar, S.H.**, 2014. The effects of dietary Immunogen on innate immune response, immune related genes expression and disease resistance of rainbow trout (*Oncorhynchus mykiss*). *Fish & shellfish immunology*, 37, 2, 209–214. **(Impact factor: 3.02)**.
52. **Hoseinifar, S.H***, Zare, P., 2013. The effects of different level of live food replacement with microdiet on growth factors, survival and resistance to salinity stress of Indian white shrimp post-larvae (*Fenneropenaeus indicus*). *International Journal of Aquatic Biology*. 1, 5, 209-214 (ISC)
53. **Hoseinifar, S.H***, Khalili, M., Rostami, H.K., Esteban, M.Á., 2013. Dietary galactooligosaccharide affects intestinal microbiota, stress resistance, and performance of Caspian roach (*Rutilus rutilus*) fry. *Fish and shellfish immunology*, 35, 5, 1416–1420 **(Impact factor: 3.02)**.
54. Khatooni, M., **Hoseinifar, S.H***, Mojazi Amiri, B., 2013. Preliminary study on semi-closed incubator efficiency for hatching Persian sturgeon (*Acipenser persicus*) eggs. *International Journal of Aquatic Biology*. 1, 3, 116-118. (ISC)
55. Khatooni, M*, Mojazi Amiri, B., Mirvaghefi, Jafari, V., **Hoseinifar, S.H.**, 2012. The effects of salinity on the fertilization rate and rearing of the Persian sturgeon (*Acipenser persicus*) larvae. *Aquaculture international*. 20, 1097–1105 **(Impact factor: 0.96)**
56. Soleimani, N., **Hoseinifar, S.H***, Merrifield, D., Barati M., Hassan Abadi, Z., 2012. Dietary supplementation of fructooligosaccharide (FOS) improves the innate immune response, stress resistance, digestive enzyme activities and growth performance of Caspian roach (*Rutilus rutilus*) fry. *Fish & shellfish immunology*, 32, 316-321. **(Impact factor: 3.02)**. (**Hot paper**)
57. Ahmadi, M*, Bagher Amiri, B., Abdoli, A., Fakharzade, S. M.E., **Hoseinifar, S.H.**, 2011. Sex steroids, gonad histology and biological indices of fall and spring Caspian lamprey (*Caspiomyzon wagneri*) spawning migrants in the Shirud River, Southern Caspian Sea. *Environmental Biology of Fishes* .92, 2, 229-235. **(Impact factor: 1.40)**.
58. Khatooni, M*, Amiri, B., **Hoseinifar, S.H.**, Makhdomi, N., 2011. Tolerance and potential adaptability of *Acipenser persicus* post- larvae exposed to abrupt or gradual increase of salinity. *Journal of Applied Ichthyology*, 27, 528-532. **(Impact factor: 0.78)**.

59. **Hoseinifar, S.H***, Mirvaghefi, A., Merrifield, D., 2011c. The effects of dietary inactive brewer's yeast *Saccharomyces cerevisiae* var. *ellipsoideus* on the growth, physiological responses and gut microbiota of juvenile beluga (*Huso huso*). *Aquaculture*, 318, 1-2, 90-94 (**Impact factor: 1.89**).
60. **Hoseinifar, S.H***, Mirvaghefi, A., Mojazi Amiri, B., Rostami, H.K., Merrifield, D., 2011b. The effects of oligofructose on growth performance, survival and autochthonous intestinal microbiota of beluga (*Huso huso*) juveniles. *Aquaculture Nutrition*. 17, 5, 498–504. doi: 10.1111/j.1365-2095.2010.00828.x (**Impact factor: 1.51**).
61. **Hoseinifar, S.H***, Mirvaghefi, A., Mojazi Amiri, B., Merrifield, D., Darvish Bastami, K., 2011a. The study of some haematologic and serum biochemical parameters of juvenile beluga *Huso huso* fed dietary prebiotic oligofructose. *Fish physiology and biochemistry*, 37 (1), 91-96. DOI: 10.1007/s10695-010-9420-9 (**Impact factor: 1.42**).
62. **Hoseinifar, S.H***, Zare, P., Merrifield, D., 2010. The effects of inulin on growth factors and survival of the Indian white shrimp larvae and post-larvae (*Fenneropenaeus indicus*). *Aquaculture research*, 41, 9, e348–e352. DOI:10.1111/j.1365-2109.2010.02485.x (**Impact factor: 1.60**).
63. Darvish Bastami, K*, Imanpour, M.R., **Hoseinifar, S.H.**, 2010. Sperm of feral carp *Cyprinus carpio*: optimization of activation solution. *Aquaculture international*, 18, 5, 771-776. DOI 10.1007/s10499-009-9299-6 (**Impact factor: 0.96**)

Book:

Title of Book (translate)	Published	Year
Probiotics and prebiotics in Aquaculture.	Green Wave Pub	2007
Aquaculture Nutrition: Gut Health, Probiotics and Prebiotics (contributed to 3 book chapters)	Wiley-Blackwell scientific Publication	2014
Diagnosis and Control of Diseases of Fish and Shellfish, (contributed to 1 book chapters)	Wiley-Blackwell scientific Publication	2016

Research Interests:

Main area of research: pre, pro and synbiotic and fish health and nutrition
 Second area of research: Dietary supplement and fish immune response
 Third area of research: Modulation of mucosal immune response