

HOMAYOUN HOSSEINZADEH SAHAFI

Professor of fish biology (physiology)

Curriculum Vitae

Research Activities:

Manager/Supervision/ consultant and collaborator of more than 127 Research Projects in Fish Biology, Aquaculture Strategic Plans, Fish Reproduction, Marine and Aquaculture management.(1994- 2024).

URL: <http://www.ifro.ir>

Study supervised/Co-supervised(M.Sc.,D.V.M,Ph.D)

Supervision of more than 90 M.Sc and Ph.D thesis (1994- 2024)

Education(Instructor):

Instructor of PhD. and M.Sc Students for more than 27 years in

- ✓ Fish Physiology
- ✓ Marine Biology and Aquaculture
- ✓ Aquaculture Management
- ✓ Research Methodology
- ✓ Fisheries Behaviour
- ✓ Ecophysiology
- ✓ Marine Aquatic Resource Management

Professional positions :

- Head of Biology Branch, Jihad Daneshgahi, Shahid Beheshti University, 1990.
- Head of Persian Gulf Molluscs Research Center, Jihad keshavarzi Ministry, 1991
- Director of Oman Sea Fisheries Research Center, Jihad keshavarzi Ministry, 1993.
- General Director of Training and Extension, Fisheries of Iran, Jihad keshavarzi Ministry, 1999.
- General Director of Fish Culture, Fisheries of Iran, Jihad keshavarzi Ministry, 2001.
- Head of Aquaculture Research Department, Iranian Fisheries Science Research Institute, Jihad keshavarzi Ministry, 2008.
- Deputy of research, Iranian Fisheries Science Research Institute, Jihad keshavarzi Ministry, 2014.
- Deputy of Extension, Iranian Fisheries Science Research Institute, Jihad keshavarzi Ministry, 2017.
- Head of Aquaculture Research Department, Iranian Fisheries Science Research Institute, Jihad keshavarzi Ministry, 2023.



Data of birth: 1964

EDUCATION

Ph.D. (1991-1997):

Islamic Azad University
Tehran/Iran

M.Sc. (1988-1990):

Islamic Azad University
Tehran/Iran

B.Sc. (1983-1987):

Shahid Beheshti University
Tehran/ Iran

EXPERTISE

- Fish endocrinology
- Aquatic Behaviour
- Gonad histology & electron microscopy
- Aquatic animal endocrine disruptors
- Fish sex reversal

LANGUAGE

Persian
English

CONTACT

Head of Aquaculture Department, Iranian Fisheries Science Research Institute (IFSRI)

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Ghaem Magham Ave. 7th Tir Sq.

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-Awardees:

**HOMAYOUN
HOSSEINZADEH SAHAFI**
Professor of fish biology (physiology)

RESEARCH INTEREST

Aquatics Endocrinology &
physiology
Aquaculture (Breeding,
biotechnology)
Marine biology

PROFESSIONAL PRACTICAL EXPERIENCE

- ✓ Consultant for establishment of fish aquaculture farms
- ✓ Consultant for establishment of marine shrimp and pearl culture farms
- ✓ Consultation and management of fisheries Conferences and workshops
- ✓ Consultation of fish physiology and behaviour for instructors.

TECHNOLOGY READINESS LEVELS (TRL)

TRL=9: All Female Trout Production
TRL=7: Sex Reversal in
Tillapia
trees.
TRL=5: Reproduction
Performance in fishes using
Vitex Extract

- Distinguished Researcher Award , Ministry of Jahade-Agriculture, Iranian Fisheries Sciences Research Institute (2005.)
- Distinguished Awards for Contribution in Fisheries 5 years developing plane, Fisheries Organization of IRAN (2003).
- Distinguished Researcher Award in Iranian Fisheries Science Research Institute, Fisheries Organization of IRAN, (2005.)
- Distinguished Education Award, Science and Technology University , Science and Technology Ministry , IRAN ,(2006) .
- Distinguished Researcher Award , ministry of jahade-Agriculture, Iranian Fisheries Science Research Institute (2016).
- Distinguished Award for Fish stock enhancement technology transfer and educational webinars, Fisheries Organization of IRAN (2020).
- Distinguished Award for implementing the first phase of technological production of salmon free from certain diseases, Iranian Fisheries Science Research Institute (2022).
- Distinguished Award for Fish stock enhancement technology transfer and educational webinars, Fisheries Organization of IRAN (2022).
- Distinguished Award for introducing 3 new species of fish to the country's aquaculture, Ministry of Jahade-Agriculture, Iranian Fisheries Science Research Institute (2022).
- Distinguished Award for national carp cuture road map, Ministry of Jahade- Agriculture, Iranian Fisheries Science Research Institute (2012).
- Distinguished Award for top research director, Iranian Fisheries Science Research Institute (2007).
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PUBLICATIONS:

- Abolhay H., Khaligah M., Pourkazemi, M., Shapor K., Satar A., **Hosseinzadeh Sahafi H.**, Morphometrics studies of Mahisefid (*Rutilus frisii kutum*) from selected river in the southern Caspian sea, Iranian Journal of Fisheries Science, 2010.
- Ahmadnezhad, Oryan, **Hosseinzadeh Sahafi H.**, and Khara, Effect of Synthetic Luteinizing Hormone - Releasing Hormone (LHRH-A2) Plus Pimozide and Chlorpromazine on Ovarian Development and Levels of Gonad Steroid Hormones in Female Kutum *Rutilus frisii kutum*, Turkish Journal of Fisheries and Aquatic Sciences, 2012
- Ahmadnezhad, Oryan, **Hosseinzadeh Sahafi H.**, Khara, Sattari. Effects of LHRH-A2 and chlorpromazine (dopamine antagonists) on inducing spawning in Caspian Kutum, *Rutilus frisii kutum*, from the southwest of the Caspian Sea. Caspian Journal of Environmental Sciences, 2012
- Amaninejad P., - , **Hosseinzadeh Sahafi H.**, Soltani S., Hosseini Shekarabi S.P., Endocrine disrupting effects of 4-nonylphenol on plasma vitellogenin, reproductive system and histology in koi carp (*Cyprinus carpio*), International aquaculture research 2018
- Amaninejad P., , **Hosseinzadeh Sahafi H.**, Soltani M., Kamali A., Naji T., endocrine disrupting effects of 4-nonylphenol on plasma Iranian journal of fisheries science, 2018
- Amini , Siraj , Mojazi Amiri , Mirhashemi Rostami , Sharr , **Hosseinzadeh Sahafi H.**, Evaluation of LHRH-a acute release implantation on final maturation and spawning in not-fully matured broodstocks of Persian sturgeon (*Acipenser persicus* Borodin, 1897), Iranian Journal of Fisheries Sciences, 2012
- Amini, G. ; **Hosseinzadeh Sahafi H.**, 1993, Mercury content of shark flesh *Carcharhinus dussumieri*, Iranian J. Fisheries Vol.3 ,No.2 , pp. 5-17
- Asgharian H., **Hosseinzadeh Sahafi H.**, Ardalan A., Shekarriz S., Cytochrome c Oxidase sub unit 1 barcode data of fish of the Nayband ,Molecular Ecology Resources , 2011.
- Babaii M., **Hosseinzadeh Sahafi H.**, Ardalan A., Gaffari H., Abdollahi R. , Morphometric relation ship of weight and size of Clams, Advance in environmental Biology, 2011.
- Bagheri Ziari Sedigheh, Tahereh Naji, **Hosseinzadeh Sahafi H.** , Comparison of the effects of Origanum vulgare with LHRH-A2 and 17 β -estradiol on the ultrastructure of gonadotroph cells and ovarian oogenesis in immature *Trichogaster trichopterus*. Animal Reproduction Science, 2015.
- Bashti T., Imanpour M., **Hosseinzadeh Sahafi H.**, Zargham D., Study on the effect of phytoestrogen genistein on sex hormones of rainbow trout (*Oncorhynchus mykiss*) larvae in sex differentiation stage, Journal of Animal Environment, 2021.
- Doustdar M.; Hashemi S. **Hosseinzadeh Sahafi H.**, Feeding and reproductive biology of *Babylonia spirata* (Linnaeus, 1758) in the northern Oman Sea, Iranian Journal of Fisheries Sciences, 2023.
- Ehteshami, Nicholas, Ramezani Fard and **Hosseinzadeh Sahafi H.**, Effect of different dietary microalgae combinations on growth and survival of blacklip pearl oyster larvae and the feasibility of replacing microalgae with a dietary

- lipid emulsion. *Aquaculture Nutrition*, 2016
- Emadi H., Amaninejad P., Emtiazjo S., **Hosseinzadeh Sahafi H.**, Effects of *duneliella* microalgae on different levels of complements C3, C4 and Antioxident, *Advance in environmental Biology*, 2011.
- Farivar S., Jalil-Piran Z., Zarei F., **Hosseinzadeh Sahafi H.**, Intraspecific Phylogeography of The Japanese Threadfin Bream, *Nemipterus Japonicus* (Perciformes: Nemipteridae), From The Persian Gulf and Indo-West Pacific: A Preliminary Study Based on Mitochondrial DNA Sequence, *Iranian Journal of Fisheries Sciences*, 2017.
- Gaffari H., Ardalan A., **Hosseinzadeh Sahafi H.**, Babae M., Abdolahi R., Annual change in gonadosomatic index, hepatosomatic index and condition factor in Tongue sole in the coastal waters of Bandar Abbas, *Australian Journal of applied Science*, 2011.
- Gaffari, **Hosseinzadeh Sahafi H.**, Engellhard and Babaei. Reproductive biology of Largescale tonguesole *Cynoglossus arel* in coastal waters of Bandar Abbas, Persian Gulf, Iran. *Animal Reproduction Science*, 2014
- Ghaedi A.; **Hosseinzadeh Sahafi H.**, Hashim R. Effect of different protein levels on reproductive performance of Snakehead murrelet *Channa striatus* (Bloch 1793) *International Journal of Oriental Aquatics Research Iranian Journal of Fisheries Sciences*, 2019
- Golestani F., Naji T., **Hosseinzadeh Sahafi H.**, Comparison Effect of Alcoholic and Non-Polar Extract of Persian Gulf Sea Cucumber (*Holothuria leucospilota*) on Steroid Hormones Levels in Molly Fish (*Poecilia sphenops*), *Journal of Veterinary Science & Technology*. 2016
- Golshan M. Nazari S. Mirbakhsh M. **Hosseinzadeh Sahafi H.**, Gonadotropin-releasing hormone (GnRH) in fishes: A review on basic and practical findings, *International Journal of Biology Reports*, 2023.
- Haghighi D., Cheeroze P., **Hosseinzadeh Sahafi H.**, The Effects of Different Lipid levels with Practical Diet on Kutum *Rutilus firisi kutum* Fry Growth, *Iranian Journal of Fisheries Sciences*, 2006.
- Hosseini M., Bagher Nabavi M.S., Narges Nabavi S. and **Hosseinzadeh Sahafi H.**, Mercury, lead, nickel and iron accumulation in selected tissue of blue swimming crab, *Portunus pelagicus* and sediment from Persian Gulf, *Indian Journal of Geo Marine*, 2015
- Hosseini M., Moradi A., **Hosseinzadeh Sahafi H.**, Baniemam M., Lakzaee F., Distribution of heavy metals (Fe, Hg, Ni and Pb) in sediments and blue crab *Portunus pelagicus* from four estuaries Persian Gulf, *Indian Journal of Geo Marine*, 2015
- Hosseinzadeh Sahafi H.** 2002, Developmental biology of Cuttle fish (*Sepia pharaonis*), *Iranian Journal of Fisheries*, Vol.3. pp. 127-136
- Hosseinzadeh Sahafi H.** et al., 2002, Reproductive biology of *Abudefduf sexfasciatus* in the Persian Gulf. *Iranian journal of Fisheries*, Vol. 8, pp. 17-24
- Hosseinzadeh Sahafi H.**, and Nafari, Growth Performance of Rainbow Trout (*Oncorhynchus mykiss*) With Respects of Nutritional Factors in North Part of Iran (Haraz River), *Iranian Journal of Fisheries Sciences*, 2014
- Hosseinzadeh Sahafi H.**, Hoseini and Baniemam. Azinphos methyl and Arsenic pollution and effect on inhibition of brain acetylcholinesterase enzyme in four fish species. Persian Gulf. *Environmental monitoring and assessment*, 2015

- Hosseinzadeh Sahafi H**, Khodadadi and Ayati Behbahani . Seasonal fluctuation of sex steroid hormones in Indian major carp *Catla catla* in khouzestan ,Iran. Environmental &Analytical Toxicology, 2014
- Hosseinzadeh Sahafi H**, Morpholine Imprinting and Homing Behavior of Kutum (*Rutilus firisi kutum*) in the Caspian Sea, Journal of the Persian Gulf,2013.
- Hosseinzadeh Sahafi H**, Masaeli S., Alizadeh M., Negarestan H., Naji T. A study on growth parameters, blood factors and proximate composition of rainbow trout (*Oncorhynchus mykiss*) cultured in underground brackish and freshwater. Iranian Journal of Fisheries Sciences, 2013
- Hosseinzadeh Sahafi H.**, Sultani M. , Dadvar S., 2001 , Some aspect of reproductive biology of sillago sihama, Iranian Journal of Fisheries ,Vol. 10, No.1,pp.37-55
- Hosseinzadeh Sahafi H.**, 2004, Reproductive biology of razor clam (*solen roseomaculatus*), J.of Pajouhesh- Va-Sazandegi. (in persian)
- Hosseinzadeh Sahafi H.**, Identification of marine ornamental fishes in north part of the PersianGulf, Iranian Journal of Fisheries Sciences ,2000.
- Hosseinzadeh Sahafi H.**, Masaeli S., Alizadeh M., Negarestan H., A study about some of Growth Parameters, Blood Factors and Proximate composition of the Rainbow Trout (*Oncorhynchus mykiss*) cultured in underground brackish and fresh water, Iranian Journal of Fisheries Sciences,2013.
- Hosseinzadeh Sahafi H.**, Negarestan H., Nafari M., Yazdi, Shakouri M., Farahani R., Fluctuation of Important Chemical Parameters in Inlet and Outlet Waters of Rainbow Trout (*Oncorhynchus Mykiss*) Farms with Respects to Fish Growth and Production in North-Iran, Advance in environmental Biology, 2011.
- Hosseinzadeh Sahafi H.**, Rahimi A., Askari F., Zargham D., Bashti T., Dietary effects of 17 beta estradiol on sex reversal of rainbow trout (*Oncorhynchus mykiss*) , Advance in environmental Biology, 2011.
- Hosseinzadeh Sahafi H.**, Sahraeiyan N.; Mosallanejad H., Ultrastructure and histology of reproductive system in the free-living marine nematode (*Oncholaimus campylocercoides*) with reference to polychlorinated biphenyls (PCBs) pollution in Persian Gulf , Iranian Iranian Journal of Fisheries Sciences, 2022
- Hosseinzadeh Sahafi H.**, Status of aquaculture in Iran, past, present, future , America Fisheries Society Symposium, 2003.
- Hosseinzadeh Sahafi H.**, Valinasab, T, 2004, Biology of marine organisms, Fisheries Training Center, (in Persian)
- Kalantari P., Naji T., **Hosseinzadeh Sahaifi H.**, Mousavi Z., Comparison of the effect of olanzapine and pimozide on development and changes of oocytes , endocrine marker and aromatase enzyme in *Trichogaster trichopterus*, International Journal of Aquatic Research and Environmental Studies,2021.
- Kalantari P.1; Naji T.2, **Hosseinzadeh Sahafi H**, Mousavi Z.4 , Comparison of the effect of olanzapine and pimozide on development and changes of oocytes , endocrine marker and aromatase enzyme in *Trichogaster trichopterus* ,International Journal of Ornamental Aquatics Reslearch ,2019
- Koohilal, Oryan , **Hosseinzadeh Sahafi H**, Mostafavi and Behzadi. Ovulation and spawning induction in caspian kutum by administration of GnRH α and catecholaminergic pharmaceutical compounds with ovaprim. Aquaculture research, 2015

- Koohilal, Oryan , **Hosseinzadeh Sahafi H**, Mostafavi and Behzadi. Comparison effects of gonadotropin –releasing hormone analogue administration at different doses with ovaprim on ovulation and spawning induction in *Rutilus frisii kutum*. International journal of biology , pharmacy and advance sciences, 2015
- Masaeli S., **Hosseinzade Sahafi H.**, Tamadonii Jahromii S., Nabiinejad A., Mostafavi p., Molecular phylogenetic in Families (Pterioidea, Arcidae, Veneroidea, Chamidae, Osteroidea) of the Bivalvia in the Persian Gulf, Iranian Journal of Fisheries Sciences, 2016
- Mashaii N. , Rajabipour F. , **Hosseinzadeh Sahaifi H.** ,Greenhouse tilapia culture in aquaponic system, Journal of Survey in Fisheries Sciences, 2021.
- Mashaii N., Rajabipour F., **Hosseinzadeh Sahafi H.**, Hafezieh M., Ghaedi A., A Qualitative Analysis of the Aquaponic System Products, international journal of advanced multidisciplinary research and studies, 2023.
- Mashaii N., Rajabipour F., Jafari M., Mohammadi M., Sarsangi H., Homayun Hossein-Zadeh , Matinfar A., some spawning Performance parameters of Cultured Nile Tilapia O Aquatic Science and Technology 2019.
- Mashaii N., Rajabipoura F., Mohammadia M., Sarsangia H., Bitarafa A., **Hosseinzade Sahafi H.**, and Sharif-Roani M., Reproduction of Nile tilapia, *Oreochromis niloticus* in brackish water, Journal of Applied Aquaculture, 2016
- Mashaii N., Sharif Ro-hani F., Sarsand H., Rajabipour F., Bitaraf A., **Hosseinzadeh Sahafi H.**, Mohammadi M, Dietary effects of 17 beta estradiol on sex reversal of rainbow trout (*Oncorhynchus mykiss*) , International Journal of Food Science and Agriculture, 2022.
- Mohammadi A. **Hosseinzadeh Sahaifi H.** Naji T., The protective and therapeutic effects of Persian Gulf sea cucumber (*Holothuria leucospilota*) on Carbon tetrachloride - induced hepatotoxicity in Molly Fish (*Poecilia sphenops*), International Journal of Aquatic Research and Environmental Studies, 2021.
- Mohebbi F., Hafezieh M., Seidgar M., **Hosseinzade Sahafi H.**, Mohsenpour Azari A., Ahmadi R., The growth, survival rate and reproductive characteristics of *Artemia urmiana* fed by *Dunaliella tertiolecta*, *Tetraselmis suecica*, *Nannochloropsis oculata*, *Chaetoceros sp.*, *Chlorella sp.* and *Spiroliina sp.* as feeding microalgae, Iranian Journal of Fisheries Sciences, 2016
- Naji S., Yousefi Jourdehi Y. , **Hosseinzadeh Sahafi H**, Impacts of Atrazine on some blood and biochemical indices in farmed *Acipenser nudiiventris* International Journal of Ornamental Aquatics Research 2018.
- Naji T., Ghafouri S., **Hosseinzade Sahafi H.**, The Histological Effects of *Cucurbita pepo*, *Silybum marianum*, *Linum usitatissimum*, *Vitex agnus castus* and 17 β estradiol on ovarian tissue in three Spot Gourami (*Trichogaster trichopterus*), Bulletin of Environment, Pharmacology and Life Sciences, 2014
- Naji T., **Hosseinzadeh Sahafi H**, Application of LHRH- a and dopamine antagonist in tree spot Gourami (*Trichogaster trichopterus*). World Academy of Science Engineering and Technology, 2012
- Naji T., **Hosseinzadeh Sahafi H**, Hooshyar, The effects of flaxseed and 17 B Estradiol on gonadal tissue in immature female Gourami, World Academy of Science, Engineering and Technology, 2012
- Naji S., yousefi jourdehi, Y., **Hosseinzadeh Sahafi H.**, Evaluation the effects of

- different atrzanie concentrations on some heamatological and biochemical parameters in farmed *Acipenser nudiventris* fingerlings, Iranian Journal of Fisheries Sciences, 2014
- Nasiri S. **Hosseinzadeh Sahafi H.**, Abdolhay H., Sepahdari A. Sayyad Bourani M., Sexual hormones profiles and some immune parameters in the cage-reared female rainbow trout (*Oncorhynchus mykiss*) from the Caspian Sea, International Journal of Biology Reports,2023.
- Oryan, S. ; Parivar; A. Yekrangian **Hosseinzadeh Sahafi H.**, ,1997, GSI and HSI as two indicators of reproductive cycle of *Trichurus lepturus* , Iranian J. Fisheries Vol.6,No. 2, pp. 63 76 .
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- Oryan,S. **Hosseinzadeh, H.S.**, Abdalli, 2003 , Ovarian histology of yellow tail tuna fish, Iranian journal of Fisheries, Vol. 4, pp. 85-96.
- Pariab J., Abbasi E., Sadighil H., Choobchian Sh., **Hosseinzadeh Sahaifi H.**, Hosseinzadeh Sahaifi H., Identifying Attractive Fisheries-Tourism Activities in the Caspian Sea Coastline: Using Delphi Technique, J. Agric. Sci. Technol.,2023.
- Razmi K; Naji T. Alizadeh M **Hosseinzadeh Sahafi H.**, Hormonal sex reversal of rainbow trout (*Oncorhynchus mykiss*) by ethynylestradiol-17 α (EE2), Iranian Journal of Fisheries Sciences,2011.
- Samieimanesh A., Naji T. **Hosseinzadeh Sahaifi H.**, The effect of levothyroxine on the changes of sex steroid hormones' and the ultrastructure of ovarian tissue in Three Spot Gourami (*Trichogaster trichopterus*), urnal of Positive School Psychology (JPSP),2022.
- Shirinabadi, M.; Matinfar, A.; Kamali, A.; **Hosseinzadeh Sahafi H**, Effect of different light regimes on the maturational progress of the whitespotted rabbitfish (*Siganus Sutor*). Iranian Journal of Fisheries Sciences, 2013
- Velayatzadeh M., Askary Sary A., **Hosseinzadeh Sahafi H**, Determination of Mercury, Cadmium, Arsenic and Lead in muscle and Liver of *Liza dussumieri* from the Persian Gulf, Iran, Journal of Biodiversity and Environmental Sciences ,2014.
- Velayatzadeh M; , **Hosseinzadeh Sahafi H**, Dehghan M., kohhili S.,Hamidinejad M., plasma levels of sex steriod hormones in roho carp brood stock in khozestan ., IRAN Iranian journal of fisheries science 2019.
- Yosefian S., Sharifrohani M., **Hosseinzadeh Sahafi H.**, ,laloj F., Heritability estimates for growth- related traits in juvenile vild common carp, Iranian Journal of Fisheries Science, 2010.
- Yousefian , **Hosseinzadeh Sahafi H**, Golshahi, Laloei,Tagavi, Taheri, Seidanloo, Genetic parameters estimation of growth in *Salmo trutta caspius* as a function of body weight and Length, Iranian Journal of Fisheries Sciences, 2012
- Zargham D., Emtiaz joo S., **Hosseinzadeh Sahafi H.**, Bashti T. , Razmi K. , The effect of probiotic *Saccaromysies cerevisiae* on growth of rainbow trout, Advance in environmental Biology, 2010.

BOOKS AND BOOK CHAPTERS:

- Abollahi, M, **Hosseinzadeh sahabi H**, 2003, Milk Fish Culture Management and Construction, Aquaculture Training and Extension publication (in Persian).
- Aminiyan Futieh Bagher et al., 2014, Principles of Aquatic Behavior, Abdi Publishing, **Hosseinzadeh sahabi H** (Editor).
- Hosseinzadeh sahabi H**, Godarzi, A., 2003, Fresh water fish culture Management. (Translated),FAO, publication.
- Hosseinzadeh sahabi H**, 1989 Identification and utilization of bivalves in Arass bay, Fisheries Cooperative Institute (in Persian).
- Hosseinzadeh sahabi H**, 1990 Purse- seining with small boats, No. 13 FAO, Fisheries Cooperative
- Hosseinzadeh sahabi H**, 1990 Utilization of bivalves in the Persian Gulf, Jahad daneshgahi, Shahid
- Hosseinzadeh sahabi H**, 1991 Bibliography of Persian Gulf mollusks, Persian Gulf Mollusk Research
- Hosseinzadeh sahabi H**, 1991 Taxonomy and biology of sharks in Persian Gulf and Oman Sea, Jahad Daneshgahi, Shahid Beheshti University, (In Persian).
- Hosseinzadeh sahabi H**, 1997, Illustrated guide for Marie biology (Identification , Collecting,
- Hosseinzadeh sahabi H**, 2001 Atlas of the Persian Gulf mollusk, Iranian Fisheries Research Organization.
- Hosseinzadeh sahabi H**, 2002, Reproductive biology of fishes, Aquaculture Extension Publication (in Persian).
- Hosseinzadeh sahabi H**, 2015, Fundamentals of Fish Physiology and Endocrinology, Iranian Fisheries Sciences Research Institute.
- Hosseinzadeh sahabi H**, 2015, Persian Gulf Shrimp and Sea of Oman, Morphology of Anatomy Physiology, Iranian Fisheries Sciences Research Institute.
- Hosseinzadeh sahabi H**, 2015, Principles of Research Method in Fisheries and Aquatic Sciences, Publisher .
- Hosseinzadeh sahabi H**, 2016,Fish Physiology, Iranian Fisheries Research Organization Publication (in Persian).
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- Hosseinzadeh sahabi H**, Kamali,I. 2002 Ornamental Fishes of the Persian Gulf, Iranian Fisheries Research Organization Publication (in English).
- Hosseinzadeh sahabi H**, Rajabipour,I. 2016, Tilapia culture, Iranian Fisheries Research Organization Publication (in Persian).
- Hosseinzadeh sahabi H**, Salehi Hassan, Yousefi Maryam, 2015 Handbook for, India Carp culture and Reproduction, Agricultural Development Education and Promotion Organization .
- Hosseinzadeh sahabi H**,,et al., 1994 Essential Reproduction, , Martin Johnson / Barry Everit,(Translator of 2 chapter in Persian).
- Sepahshandeh Abolfazl, **Hosseinzadeh sahabi H**, et al., 2016, Road Map for Living and Other Aquatic Resources, Iranian Fisheries Sciences Research Institute.
- Sharifian Mansour, **Hosseinzadeh sahabi H**, 2016, Reproduction of Rainbow Trout Breeding Centers, Iranian Fisheries Sciences Research Institute.

Congress and proceeding:

- Ahmadinejad M., Oryan S., **Hosseinzadeh Sahafi H.**, Khara H., Survey on effectiveness of GnRH and dopamine antagonist on spawning induction in kutum, World aquaculture, Korea, Seole, 23-19 May, 2008.
- Amaninejad, P,H, Emadi, H. **Hosseinzadeh Sahafi H.**, effects of dunaliella microalgae dunaliella salina on different levels of complement c3, c4 and antioxidant capacity in rainbow trout *Oncorhynchus mykiss*. International Congress on Aquaculture , World Aquaculture Society, WAS. 2015.
- Emadi H., **Hosseinzadeh Sahafi H.**, Toussi A., Comparison of the growth rate, condition factor , food conversion ratio and mortality of rainbow trout, VII International congress on the biology of fishes, Canada ,Vancouver,21-18 Jul, 2006.
- Ghafari H. , Ardalan A., **Hosseinzadeh Sahafi H.**, Histological investigation of the gonads of large scale tongesole in the coastal waters of Bandar abbas, 8 international flat fish symposium, Netherland, Ijmuiden, 10-6 Nov,2011.
- Ghafari H. , Ardalan A., **Hosseinzadeh Sahafi H.**, Length- weight relationship of large scale Tongue sole in the coastal waters of Bandar abbas, 9 International Congress on Biology of Fish, Italy,Barcelona, 9-6 may ,2010.
- Hosseinzadeh sahafi H.**, Eskandari, khodadadian, behbahani, mortazavizadeh. Length –weight relationship, pondral index and growth pattern in female Catla. Larviculture in iran, 11-12 Des 2012
- Hosseinzadeh Sahafi H.** Imprinting and Homing Behavior of Kutum (*Rutilus firisi kutum*) in South Coastal Waters of the Caspian Sea. Estuaries and coastal areas 53, 12 April 2013
- Hosseinzadeh Sahafi H.**, A. Valipour, J. Sayadfar, S. Behmanesh ,K. Gharra, J. Moazedi, Indian major carp fingerling(*Labeo rohita*) Growth in Gilan, Australian Aquaculture 2010, , Australia, TASMANIA ,26-23, May., 2010.
- Hosseinzadeh Sahafi H.**, Aspects of feeding and reproductive biology of damselfish *Abudefduf sexatilis*, VII International congress on the biology of fishes, Canada ,Vancouver,21-18 Jul, 2006.
- Hosseinzadeh Sahafi H.**, et al., Introduction of Indian major carp to the north of IRAN, international congress on aquatic animal health Iran,Tehran, 28-27, Jan., 2009.
- Hosseinzadeh Sahafi H.**, Imprinting with morphine and use of silicon base tags on behavioural tracking in fish maze , Measuring Behaviour 2008, Netherland, Maastricht, 28-25, Nov.,2008.
- Hosseinzadeh Sahafi H.**, Inland fisheries base management in Iran, Seminar on inland fisheries management, India ,Dehli, 26-21 ,Sep., 2006.
- Hosseinzadeh Sahafi H.**, Internal and external factors affecting sturgeon fish migration in the Caspian sea, 5th international symposium on sturgeon,Iran, Ramsar ,13-9 May ,2005.
- Hosseinzadeh Sahafi H.**, Introduction of indian major carp *labeo rohita* to the north part of Iran, Aquaculture Europe 2008, Poland, Krakow , 18-15 ,Sep., 2008.
- Hosseinzadeh Sahafi H.**, Rainbow Trout Culture in Recirculating Systems, Advantages and Constraints in Iran, The 8th International Conference on Recirculating Aquaculture , USA, Virginia,22-20 ,Aug.,2010.

- Hosseinzadeh Sahafi H.**, Kamali I., Identification of ornamental fishes of thekish Island in the Persian Gulf, The thired world fisheries congress, China, Beijing, 31Oct3-Nov. , 2000 .
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- Hosseinzadeh Sahafi H.**, Salehi H., Aquaculture development trends in Iran, World Aquaculture China-23 27April , 2002.
- Hosseinzadeh Sahafi H.**, Status of aquaculture in Iran, past, present,future, The thired world fisheries congress, China, Beijing, 31Oct3-Nov. , .2000, KEY SPEAKER
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Membership in professional societies/Committees

- ✓ Member of Iranian Academy of Sciences, Tehran.
- ✓ Senior Researcher of the Ministry of Agricultural Jihad. Tehran.
- ✓ Asian fisheries society, Manila, Philippines.
- ✓ Iranian Society of Physiology & Pharmacology, Tehran.
- ✓ Iranian society of Fisheries .
- ✓ Iranian Society of Marine Science and Technology .
- ✓ Iranian Society of Biology.
- ✓ Iranian Aquaculture Society .
- ✓ Referee of Iranian Journal of Fisheries, Tehran.
- ✓ President and Editorial Board of Abzyparvar Journal, Tehran.
- ✓ Referee of Pajohesh Sazandegi Journal, Tehran.
- ✓ Member of Iranian Aquaculture Training Committee.
- ✓ Member of 5 years aquaculture developing program committee
- ✓ Chair of the 2th Iranian Fish Culture Conference.
- ✓ Member of the Publications Council of the Agricultural Education and Promotion Research Organization, Tehran.
- ✓ Membership in the Thematic Committee of Halal and Sanctity of Aquatics in the Iranian Fisheries Organization ,Tehran.
- ✓ Secretary of Aquaculture Extension Promotion Council, Iran Fisheries Organization ,Tehran.
- ✓ Member of the interdisciplinary commission of University of Applied Science, Leader for biology committee, Tehran.
- ✓ Member of the editorial board , Journal of Iranian Fisheries, Tehran.