

CURRICULUM VITAE

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Personal: Birth date: October 27, 1951
Married

PROFESSIONAL PROFILE

- Highly organized, efficient, dedicated with a positive attitude.
- Thrive on working in a challenging work environment.
- Ability to handle various assignments in highly pressured situations.

EDUCATION

6/1976: Ferdowsi University, Mashhad, Iran

Degree: B. Sc. in Natural Science

Honour: Government Scholarship (first class student in the above
Course)

10/1978: Aberdeen University, Aberdeen, UK

Degree: M. Sc. in Ecology

Thesis: "Some Effects of Human Trampling on *Enchytraeidae*
Worms in Moorland"

Thesis supervisor: Dr. N. Bayfield

7/1984: Aberdeen University, Aberdeen, UK

Degree: Ph. D. in Marine Ecology

Thesis: "An Energy Budget for Juvenile Cod, *Gadus morhua* L. in a
Scottish Sea Loch"

Thesis supervisor: Dr. AD. Hawkins & Dr. I.G. Priede

PROFESSIONAL EXPERIENCES

1/84-9/86: Assistant Professor of Marine Ecology & Fisheries, Faculty of Science, Isfahan University, Isfahan, Iran.

7/85-3/87: Fisheries Consultant for the Ministry of Agriculture, Shahrekord Office, Shahrekord, Iran.

9/86-12/93: Assistant Professor of Marine Ecology & Fisheries, College of Agriculture, Isfahan University of Technology, Isfahan, Iran.

11/93-9/94: Visiting professor on sabbatical leave to the Marine Laboratory in Aberdeen, UK, working on the respiration and swimming performance of saithe and horse mackerel.

12/93-4/12: Associate professor of Marine Ecology & Fisheries, College of Natural Resources, Isfahan University of Technology, Isfahan, Iran.

5/2012- 3/2018: Professor of Marine Ecology & Fisheries, College of Natural Resources, Isfahan University of Technology, Isfahan, Iran.

3/2018-Present: Emeritus Professor of Marine Ecology & Fisheries, Isfahan University of Technology.

Courses Taught:

Ecology

Marine Ecology

Marine & Lake Ecology

Fisheries Ecology

Behavioral Physiology of Fish

Behavioral Ecology

Fish Physiology

Fish Growth Physiology

Fish Culture & Production

Advanced fish Propagation & Culture

General Zoology

PROFESSIONAL AFFILIATIONS

Member of Fisheries Society of the British Isles (till 2007).

Member of Iranian Society of Marine Science and Technology (ISMS).

Founder member of Iranian Aquaculture Society and member of chairing committee
For six years

Founder member of Iranian Society of Ichthyology

Founder member a NGO called “Peiam Sabaz”, for supporting the natural resources
and environment.

Founder and board member and of Isfahan Biology House

Member of MSRT Educational Planning for Fisheries program

1994-2001, member of Iranian National Committee of Oceanography, UNESCO.

1993- Present, member of Iranian Academy of Science, Fisheries Branch

1995- 2011, member of Editorial Board, Journal of Science and Technology of
Agriculture and Natural Resources.

2000- Present, member of Editorial Board, Iranian Scientific Fisheries Journal.

2006- 2012, member of Editorial Board, Journal of Natural Resources of Iran.

2012-2024, editor-in-chief, Iranian Journal of Applied Ecology.

2012- Present, Member of International Association of Landscape Ecology, IALE.

2024- Present, member of Editorial Board, Iranian Journal of Applied Ecology.

Present affiliation: Retired Professor, Isfahan University of Technology.

Academic and Executive Responsibilities

4/88-10/88: Head of Department of Animal Science.

12/90-1/93: Deputy Dean in Educational Affair, College of Agriculture.

10/90- present: Managing director of university fish farm

10/94-10/96: Head of Department of Fisheries and Environment, College of Natural
Resources.

10/96-10/01: Head of Department of Fisheries, college of Natural Resources.

10/01-06/2007: Deputy Dean in Research Affairs, College of Natural Resources.

Summer 2001: Cruise Co – Leader, for the Oceanographic Research Cruise in ROPME Sea Area.

Winter 2006: Cruise Leader, for the Oceanographic Research Cruise in ROPME Sea Area (Bandar Abbas to Qatar Phase).

06/2007-05/2012: Dean, Faculty of Natural Resources.

05/2012- 8/2018: Director of International Scientific Cooperation Office, Isfahan University of Technology.

PUBLICATIONS

1- International Peer-Reviewed Journals:

- **MAHBOOBI SOOFIANI N.**, HAWKINS, A. D. "Energetic costs at different levels of feeding in juvenile cod, *Gadus morhua* L.", *JOURNAL OF FISH BIOLOGY*, Vol. 21, No. 5, PP. 557-592. 1982.

- **MAHBOOBI SOOFIANI N.**, PRIEDE, I. G. Aerobic metabolic scope and swimming performance in juvenile cod, *Gadus morhua* L., *JOURNAL OF FISH BIOLOGY*, Vol. 26, No. 2, PP. 127-138. 1985.

- HAWKINS A. D., **MAHBOOBI SOOFIANI N.**, SMITH G.W. Growth and feeding of juvenile cod, *Gadus morhus* L., *Cons. Int. Explor.*, Vol. 42, No. 1, PP. 11-32. 1985.

- WARDLE C. S., **MAHBOOBI SOOFIANI N.**, O'NEILL F. G., GLASS C. W., JOHNSTONE A. D. F., "Measurements of aerobic metabolism of a school of horse mackerel at different swimming speeds", *JOURNAL OF FISH BIOLOGY*, Vol. 49, PP. 854-856, 1996.

- KHANIPOOR A. A., MELNIKOV V., **MAHBOOBI SOOFIANI N.**, "A Study on the Designing of Proper Set net Model for Commercial Fish Species in the Iranian Side of Southern Caspian Sea", *SCIENCE AND TECHNOLOGY INTERNATIONAL JOURNAL OF SCIENTIFIC ARTICLES*, Vol. 2, No. 2, PP. 64-71, 2003

- SHIRMOHAMMAD F., POURREZA J., **MAHBOOBI SOOFIANI N.**, "Effect of supplemental citric acid and phytase on growth performance and body composition of

common carp (*Cyprinus carpio*)", *IRAN AGRICULTURAL RESEARCH*, Vol. 22, PP. 139-152, 2003.

- KEIVANY Y., **MAHBOOBI SOOFIANI N.**, "Contribution to the biology of Zagros tooth-carp, *Aphanius vladykovi* (Cyprinodontidae) in central Iran", *ENVIRONMENTAL BIOLOGY OF FISHES*, Vol. 71, No. 2, PP. 165-169, 2004.

- **MAHBOOBI SOOFIANI N.**, KEIVANY Y., M. SHOOSHTARI A., "Contribution to the biology of the Lizardfish *Saurida tumbil* (Teleostei Aulopiformes) from the Persian Gulf", *ZOOLOGY IN THE MIDDLE EAST*, Vol. 38, PP. 49-56, 2006.

- ALLAMEH S.K., **MAHBOOBI SOOFIANI N.**, POURREZA J., "Determination of digestible and metabolizable energy of fishmeal and soybean meal in rainbow trout with two different sizes (*Oncorhynchus mykiss*)", *PAKISTAN JOURNAL OF BIOLOGICAL SCIENCES*, Vol. 20, No. 10, PP. 3722-3725, 2007.

- JALILI HAJI ABADI S.M.A., **MAHBOOBI SOOFIANI N.**, CHAMANI M., SADEGHI A.A., RIAZI GH H, "Effects of supplemental dietary L-carnitine and ractopamine on the performance of juvenile rainbow trout, *Oncorhynchus mykiss*", *AQUACULTURE RESEARCH*, Vol. 28, PP. 1582-1591, 2010.

- AMIRI MOGHADAM J., MANIEI F., **MAHBOOBI SOOFIANI N.**, ASADOLLAH S., "Use of 17-a methyltestosterone for production of male secondary sexual characteristics in the adult female green swordtail (*Xiphophorus hellerii*)", *AQUACULTURE AQUARIUM CONSERVATION LEGISLATION*, Vol. 3, PP. 1-8, 2010.

- ASADOLLAH S., **MAHBOOBI SOOFIANI N.**, KEIVANY Y., SHADKHAST M., "Reproduction of *Capoeta damascina* (Valenciennes 1842), a cyprinid fish, in Zayandeh-Roud River Iran", *JOURNAL OF APPLIED ICHTHYOLOGY*, Vol. 27, PP. 1061-1066, 2011.

- BEYRAGHDAR KASHKOOLI O., EBRAHIMI DORCHEH I., **MAHBOOBI SOOFIANI N.**, SAMIE A., "Long-term effects of propolis on serum biochemical parameters of rainbow trout (*Oncorhynchus mykiss*)", *ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY*, Vol. 74, PP. 315-318, 2011.

- HASSANKHANI M., KEIVANY Y., RAEISI H., POULADI M., **MAHBOOBI SOOFIANI N.**, "Length-weight relationships of three cyprinid fishes from Sirwan River Kurdistan and Kermanshah provinces in western Iran", *JOURNAL OF APPLIED ICHTHYOLOGY*, Vol. 29, PP. 1170-1171, 2012.

- **MAHBOOBI SOOFIANI N.**, HATAMI R., HEMAMI M., EBRAHIMI DORCHEH I., "Effects of trout farm effluent on water quality and the macrobenthic invertebrate community of the Zayandeh-Roud River Iran", *NORTH AMERICAN JOURNAL OF AQUACULTURE*, Vol. 74, PP. 132-141, 2012.
- MASIHA A., **MAHBOOBI SOOFIANI N.**, EBRAHIMI DORCHEH I., KADIVAR M., KARIMI M. M., "Effect of dietary flaxseed oil level on the growth performance and fatty acid composition of fingerlings of rainbow trout, *Oncorhynchus mykiss*", *SPRINGER PLUS*, Vol. 1, No. 2, PP. 1-7, 2013.
- FARHADIAN O., TAGHAVI D., **MAHBOOBI SOOFIANI N.**, KEIVANY Y., "Resting egg production and fatty acid enhancement in the waterflea *Ceriodaphnia quadrangula* by using combination of light regime and food", *JOURNAL OF THE WORLD AQUACULTURE SOCIETY*, Vol. 44, No. 4, PP. 574-584, 2013.
- HOSSEINI S.M., MIRGHAFARI N., **MAHBOOBI SOOFIANI N.**, GHASEMI F., HOSEINI SAYED VALI A., "Risk assessment of the total mercury in Golden gray mullet, *Liza aurata* from Caspian Sea", *INTERNATIONAL JOURNAL OF AQUATIC BIOLOGY*, Vol. 6, No. 1, PP. 258-265, 2013.
- MASIHA A., EBRAHIMI DORCHEH I., **MAHBOOBI SOOFIANI N.**, KADIVAR M., "Effect of dietary vegetable oils on the growth performance and fatty acid composition of fingerlings of rainbow trout, *Oncorhynchus mykiss*", *FOOD SCIENCE AND TECHNOLOGY*, Vol. 2, PP. 21-29, 2013.
- TAGHAVI D., FARHADIAN O., **MAHBOOBI SOOFIANI N.**, KEIVANY Y., "Effects of different light/dark regimes and algal food on growth fecundity ephippial induction and molting of freshwater cladoceran, *Ceriodaphnia quadrangula*", *AQUACULTURE*, Vol. 410 - 411, PP. 190-196, 2013.
- ABASZADEH A., KEIVANY Y., **MAHBOOBI SOOFIANI N.**, FALAHATI A., "Reproductive biology of the greater lizardfish, *Surida tumbil* Bloch 1795 in Bushehr coastal waters of Iran", *TURKISH JOURNAL OF ZOOLOGY*, Vol. 37, No. 4, PP. 717-722, 2013.
- AZODI M., EBRAHIMI DORCHEH I., FARHADIAN O., **MAHBOOBI SOOFIANI N.**, "Response of rainbow trout (*Oncorhynchus mykiss*, Walbaum 1792) to short term starvation periods and re-feeding", *WORLD JOURNAL OF FISH AND MARINE SCIENCES*, No. 5, PP. 474-480, 2013.

- HASSANKHANI M., KEIVANY Y., DALIRI M., POULADI M., **MAHBOOBI SOOFIANI N.**, "Length-weight and length-length relationships of four species (*Barbus lacerta* Heckel, 1843), *Oxynoemacheilus angorae* (Steindachner, 1897), *Squalius lepidus* (Heckel, 1843) and *Pseudorasbora parva* (Temminck Schlegel, 1846) from the Sirwan River (western Iran)", *JOURNAL OF APPLIED ICHTHYOLOGY*, Vol. 30, No. 1, PP. 206-207, 2013.
- KOUSHA M., FARHADIAN O., DORAFSHAN S., **MAHBOOBI SOOFIANI N.**, BHATNAGAR A., "Optimization of malachite green biosorption by green microalgae *Scenedesmus quadricauda* and *Chlorella vulgaris* application of response surface methodology", *JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS*, Vol. 44, PP. 291-294, 2013.
- GHANBARZADEH M., **MAHBOOBI SOOFIANI N.**, KEIVANY Y., TAGHAVI MOTLAGH S.A., "Feeding habits of the king soldier bream *Argyrops spinifer* (Perciformes Sparidae) in the northern Persian Gulf", *JOURNAL OF APPLIED ICHTHYOLOGY*, Vol. 30 (3), PP. 485-489, 2014.
- FARHADIAN O., KHARAMAN NIA R., **MAHBOOBI SOOFIANI N.**, EBRAHIMI DORCHEH I., "Larval feeding behavior of angel fish *Pterophyllum scalare* (Cichlidae) fed copepod *Eucyclops serrulatus* and cladoceran *Ceriodaphnia quadrangula*", *AQUACULTURE RESEARCH*, Vol. 45(6), PP. 1212-1223, 2014.
- BAHRAMI BABA HEYDARI S., DORAFSHAN S., PIKANHIRATI F., **MAHBOOBI SOOFIANI N.**, VAHABI M., "The physiological changes, growth performance and whole body composition of common carp, *Cyprinus carpio* fed on diet containing wood betony (*Stachys lavandulifolia*) Extract", *JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY*, Vol. 16, No. 6, PP. 1565-1574, 2014.
- AZODI M., EBRAHIMI DORCHEH I., FARHADIAN O., **MAHBOOBI SOOFIANI N.**, MORSHEDI V., "Compensatory growth response of rainbow trout *Oncorhynchus mykiss* Walbaum following short starvation periods", *CHINESE JOURNAL OF OCEANOLOGY AND LIMNOLOGY*, Vol. 33, No. 4, PP. 928-933, 2015.
- PEYGHAN R., MALEKPOORI P., **MAHBOOBI SOOFIANI N.**, MOHAMADIAN B., "Metabolic capacities of common carp (*Cyprinus carpio*) following combined exposures to copper and environmental hypoxia", *ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY*, Vol. 127, PP. 1-11, 2016.
- GILANNEJAD N., DORAFSHAN S., PIKANHIRATI F., **MAHBOOBI SOOFIANI N.**, ASADOLLAH S., MARTOS-SITCHA J., PRAT F., YUFERA M., MARTINEZ-RODRIGUEZ G., "Vitellogenin expression in wild cyprinid *Petroleuciscus esfahani* as a

biomarker of endocrine disruption along the Zayandeh Roud River Iran", *CHEMOSPHERE*, 144, PP. 1342-1350, 2016.

- BORHANI M., **MAHBOOBI SOOFIANI N.**, EBRAHIMI E., and ASADOLLAH S., First Report on Growth and Reproduction of *Turcinoemacheilus Bahaii* (Esmaeili, Sayyadzadeh, Özulug, Geiger and Freyhof, 2014), in Zayandeh Roud River, Iran. *AUSTIN ENVIRONMENTAL SCIENCES*, Vol. 2, No. 1, PP. 1-7, 2017.

- HATAMI R., WARREN P., **MAHBOOBI SOOFIANI N.**, ASADOLLAH S., "Rapid bioassessment of macroinvertebrate communities is suitable for monitoring the impacts of fish farm effluents", *AQUACULTURE*, Vol. 468, Part 1, pp. 19-25, 2017.

- EBRAHIMI I., BORHANI M., **MAHBOOBI SOOFIANI N.**, ASADOLLAH S., "Investigation the diet and digestive tract histology of loach fish *Turcinoemacheilus bahaii* in Zayandeh Roud River ", *IRANIAN JOURNAL OF BIOLOGY, JOURNAL OF ANIMAL RESEARCH*, Vol. 30, No. 1, PP. 1-12, 2017.

- MOGHIMI M., **MAHBOOBI SOOFIANI N.**, MALEKPOURI P., "Effects of water-borne copper and lead on metabolic and excretion rate of bahaii loach (*Turcinoemachilus bahaii*) ", *ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY*, 60, PP. 176-183, 2018.

-ASHOURI G., **MAHBOOBI SOOFIANI N.**, HOSIENIFAR SH., JALALI SAH., MORSHEDI V., VAN DOAN H., TORFI MOZANZADEH M., "Combined effects of dietary low molecular weight sodium alginate and *Pediococcus acidilactici* MA18/5M on growth performance, haematological and innate immune responses of Asian sea bass (*Lates calcalifer*) juveniles", *FISH SHELLFISH IMMUNOLOGY*, Vol. 79, No. 5, pp. 34-41, 2018. doi: 10.1016/j.fsi.2018.05.009.

- KARIMI S., **MAHBOOBI SOOFIANI N.**, MAHBOUBI A., TAHERZADEH M. J., "Use of organic wastes and industrial by-products to produce filamentous fungi with potential as aqua-feed ingredients", *SUSTAINABILITY*, Vol. 10, 3296, pp. 1-19, 2018. doi:10.3390/sustainability 10093296.

- GHAFOORI Z., KEIVANY Y., **MAHBOOBI SOOFIANI N.**, "Feeding indices of Isfahan toothcarp (*Aphanius isfahanensis*) in Zayandeh River in Iran (Teleostei: Aphaniidae)", *IRANIAN JOURNAL OF ICHTHYOLOGY*, Vol. 5, No. 3, PP.184-191, 2018.

- MOHAMMADI M. , **MAHBOOBI SOOFIANI N.**, FARHADIAN O., MALEKPOURI P., "Metabolic and NH₄ excretion rate of fresh water species, *Chondrostoma regium* in response to environmental stressors, different scenarios for temperature and pH", *TOTAL SCIENCE OF THE ENVIRONMENT*, 648, pp. 90-101, 2019.

- KARIMI S., MAHBOOBI SOOFIANI N., LUNDH T., MAHBOUBI A., KIESSLING A., TAHERZADEH M. J., “Evaluation of filamentous fungal biomass cultivated on vinasse as an alternative nutrient source of fish feed: Protein, lipid, and mineral composition”. *FERMENTATION*, 5 (99), pp. 1-17, 2019.
- ASHOURI G., MAHBOOBI SOOFIANI N., HOSENI FAR S. H., TORFI-MAZANZADEH M., MANI A., KHOSRAVI A., CARNEVALI O., “Compensatory growth, plasma hormones and metabolites in juvenile Siberian sturgeon (*Acipenser baerii*, Brandt 1869) subjected to fasting and refeeding”, *AQUACULTURE NUTRITION*, 26 (2), pp. 400-409, 2020.
- SHIRANI M., MAHBOOBI SOOFIANI N., FARAHMAND H., JALALI S. A. H., “Comparative Epigenomic Profiling and Gene Expression Patterns of Zebrafish, *Danio rerio*, Administered by Dietary Agrimos”, *JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY*, 22 (6), pp. 1487-1500, 2020.
- KARIMI S., MAHBOOBI SOOFIANI N., MAHBOUBI A., FERREIRA J. A., LUNDH T., KIESSLING A., TAHERZADEH M. J., “Evaluation of nutritional composition of pure filamentous fungal biomass as a novel ingredient for fish feed”, *SUSTAINABILITY*, Vol.7 (152), pp 1-14, 2021. doi:10.3390/sustainability 7030152.
- SALARVAD S., JALALI S. A. H., MAHBOOBI SOOFIANI N., ALLAFCHIAN A., “Amine modified sodium alginate: Synthesis, characterization and *in vivo* evaluation in rainbow trout (*Oncorhynchus mykiss*), *CARBOHYDRATE POLYMER TECHNOLOGIES AND APPLICATIONS*, 9, 2025. 100699. <https://doi.org/10.1016/j.carpta.2025.100699>
- ROSTAMI F., FARHADIAN O., MAHBOOBI SOOFIANI N., ETEBARI M., MAHBOUBI A. “Cultivation of *Anabaena* sp. at different phosphorus excess concentrations: growth parameters, value-added metabolites, and microcystin-LR production”. *PHYSIOLOGIA PLANTARUM*, 2025; 177:e70632. <https://doi.org/10.1111/ppl.70632>.

2- Iranian Peer-Reviewed Journals (with English abstract)

- MAHBOOBI SOOFIANI N., SHIRMOHAMMAD F., POURREZA J., "Replacement of Fish Meal by Different Sources of Plant Protein in the Diet of Rainbow Trout (*Oncorhynchus mykiss*)", *JOURNAL OF WATER AND SOIL SCIENCE (SCIENCE AND TECHNOLOGY OF AGRICULTURE AND NATURAL RESOURCES)*, Vol. 2 No. 1, PP. 103-113, 1998.
- ALLAMEH S. K., MAHBOOBI SOOFIANI N., POURREZA J., Esteki A.A., Ebadi, M.R., “A survey on the effect of different carbohydrate sources on meat quality of common carp”, *PAJEUHESH AND SAZANDEGI*, Vol. 12, No. 40, 41, 42, PP. 138-139, 1998.

- ALLAMEH S.K., **MAHBOOBI SOOFIANI N.**, POURREZA J., Esteki A.A., Effect of Substituting Barley and Millet Diets for Corn on Growth and Feed Conversion Ratio of Common Carp (*Cyprinus carpio*, L.). *JOURNAL OF WATER AND SOIL SCIENCE (SCIENCE AND TECHNOLOGY OF AGRICULTURE AND NATURAL RESOURCES)*, 2000; Vol. 4 No. 3, PP. 89-97, 2000.

- **MAHBOOBI SOOFIANI N.**, FARHADIAN O., “Effects of Spawning Frequency and Density of Incubating Eggs on Egg and Larvae Survival Rates in Rainbow Trout”, *JOURNAL OF WATER AND SOIL SCIENCE (SCIENCE AND TECHNOLOGY OF AGRICULTURE AND NATURAL RESOURCES)*, Vol. 6 No. 4, PP. 219-230, 2003.

- SHIRMOHAMMAD F., **MAHBOOBI SOOFIANI N.**, POURREZA J., Effect of Phytase Supplementation and Copper on Growth Performance and Carcass Composition of Common Carp (*Cyprinus carpio* L.). *JOURNAL OF CROP PRODUCTION AND PROCESSING*, Vol. 8 No.4, PP. 133-143, 2005.

SOBHAN ARDAKANI S., SHAYESTEH K., AFYOUNI M., **MAHBOOBI SOOFIANI N.**, “Nitrate Concentration in Some plants in Isfahan”, *JOURNAL OF ENVIRONMENTAL STUDIES*, Vol. 31, No. 37, PP. 69-76, 2005.

- EBRAHIMI E., **MAHBOOBI SOOFIANI N.**, KEIVANY Y. “Seasonal variation of macrobenthic organisms in relation to the substrate type in Zayandeh Rud river (from Isfahan to Varzaneh)”, *JOURNAL OF THE IRANIAN NATURAL RESOURCES*, Vol. 61, No. 3, PP. 665-680, 2008.

- HAJIMORADI M., **MAHBOUBI SOUFIANI N.**, ALAMEH, S.K., “Effects of starvation on plasma levels of cholesterol, glucose and protein in rainbow trout, *Oncorhynchus mykiss*”, *JOURNAL OF MARINE SCIENCES AND TECHNOLOGY*, Vol. 6 No.(3-4), PP. 23-30, 2008.

- HAJIMORADI M., **MAHBOUBI SOUFIANI N.**, HAJIMORADI M., “Study of correlation with some morphological parameters in rainbow trout (*Oncorhynchus mykiss*) during starvation”. *IRANIAN JOURNAL OF VETERINARY CLINICAL SCIENCES*, Vol. 2, No. 2, PP. 75-83, 2009.

- JALALI HAJIABADI M., SADEGHI A., **MAHBOBI SOFIANI N.**, CHAMANI M., RIAZI GH. “Effects of Supplemental Dietary L-Carnitine on Blood Biochemical Parameters and Growth of Rainbow Trout (*Oncorhynchus mykiss*)” *JOURNAL OF WATER AND SOIL SCIENCE (SCIENCE AND TECHNOLOGY OF AGRICULTURE AND NATURAL RESOURCES)*, Vol. 13, No. 1, PP. 105-116, 2009.

- **MAHBOBI SOOFIANI N.**, ASADOLLAH S. "Growth and reproduction of (*Capoeta damascina*, Valenciennes 1842) from the Hanna wetland, Semirum", *IRANIAN SCIENTIFIC FISHERIES JOURNAL*, Vol. 18, No. 4, PP. 145-156, 2010.
- MAHMOUDI KHOSHDAREHGY M., FARHADIAN O., EBRAHIMI DORCHE E. **MAHBOBI SOOFIANI N.**, "The amino acid composition of crustacean zooplankton in Hanna Wetland, Isfahan", *JOURNAL OF FISHERIES*, Vol. 63, No. 2, PP. 123-135, 2010.
- MAHMOUDI KHOSHDAREHGY M., FARHADIAN O., EBRAHIMI DORCHE E. **MAHBOBI SOOFIANI N.**, "Seasonal changes in crustacean mesozooplankton biomass and its relationship with physicochemical parameters of water in Hanna Wetland, Isfahan Province", *JOURNAL OR MARINE SCIENCE AND TECHNOLOGY*, Vol. 9, No. 1, PP. 26-36, 2010.
- SADOUGH NIRI A., NIKPOUR Y., RAJABZADEH E., **MAHBOBI SOOFIANI N.**, AHMADI R., "Assessment of heavy metals (Cd, Pb, Cu, Co, Ni) in some tissues of *Tenuulosa ilisha* from northwest Persian Gulf and their relationship with length and weight", *JOURNAL OF AQUATIC SCIENCES*, Vol. 1, No. 1, PP. 73-87. 2010.
- **MAHBOBI SOOFIANI N.**, HAJIMORADI M., ALLAMEH S.K., PILEVARIAN A. "Effect of starvation on some of the morphological and haematological parameters of rainbow trout, *Oncorhynchus mykiss*", *IRANIAN JOURNAL OF BIOLOGY*, Vol. 23 No. 2, PP. 234-248, 2011.
- HATAMI R., **MAHBOBI SOOFIANI N.**, EBRAHIMI E., HEMAMI M. R., "Evaluating the aquaculture effluent impact on macroinvertebrate community and water quality using BMWP index", *JOURNAL OF ENVIRONMENTAL STUDIES*, Vol. 37, No 59, PP. 43-54, 2011.
- KEIVANY Y. **MAHBOBI SOOFIANI N.**, EBRAHIMI E., ASADOLLAH S, "Meristic variations in the populations of southern Iranian tooth carp, *Aphanius dispar dispar* (Teleostei: Cyprinodontidae)", *IRANIAN JOURNAL OF BIOLOGY*, Vol. 24 No. 2, 2011.
- YAZDANPANAH K., EBRAHIMI E., **MAHBOBI SOOFIANI N.**, SHAFAEIPOUR A., "Replacement of fish meal by canola meal in rainbow trout diet for evaluation of growth and ammonia excretion", *JOURNAL OF MARINE SCIENCES AND TECHNOLOGY*, Vol. 9, No. 4, PP. 28-44, 2011.
- JALALI, S. A. H., NIKBAKHT, G., **MAHBOBI SOOFIANI N.**, JALILI, S.M.A., "Optimization semi-quantitative RT-PCR analysis for CPT-I gene expression in rainbow trout (*Oncorhynchus mykiss*)", *IRANIAN JOURNAL OF FISHERIES SCIENCES*, Vol. 10, No. 4, PP. 749-752, 2011.

- JALALI, S. A. H., NIKBAKHT, G., **MAHBOOBI SOOFIANI N.**, JALILI, S.M.A., "Optimization semi-quantitative RT-PCR analysis for CPT-I gene expression in rainbow trout (*Oncorhynchus mykiss*)", *IRANIAN JOURNAL OF FISHERIES SCIENCES*, Vol. 10, No. 4, PP. 749-752, 2011.

- HEIDARI S., FARHADIAN O., **MAHBOOBI SOOFIANI N.**, "Effects of different concentration of nitrate and ammonium in medium on growth of the green alge *Scenedesmus quadricauda*", *JOURNAL OF FISHERIES*, Vol. 64, No. 1. PP. 29-39, 2011.

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BSc, MSc and PhD. THESIS SUPERVISED and ADVISED

Ten PhD. thesis

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Preeminent university researcher in 2011

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CONDUCTED RESEARCH PROJECTS

- "A limnological Study and the Conservation of Ecological Balance in Inland Waters: Gavkhuni Wetland", **Principal Investigator: MAHBOOBI SOOFIANI N.**, (1995).

- "Assessment of heavy metal accumulation in fish from the Zayandeh Roud River", **Principal Investigator: MAHBOOBI SOOFIANI N.**, Co-Investigator: Majid Afyouni., (1999).

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