

RESUME 2025

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EDUCATIONAL RECORDS:

<u>Degree</u>	<u>Institution</u>	<u>Field</u>	<u>Date</u>
B.Sc.	Cardiff University (UK)	Food Science	1980
M.Sc.	Glasgow University (UK)	Poultry Science	1988
Ph.D.	Leeds University (UK)	Poultry Nutrition	1992

Membership of Scientific Societies:

World's Poultry Science Association

Published Books (in Farci):

- 1- Saharim M.A and **Shariatmadari. F** 2002 (1381). Anti-Nutrient Componenets Associated with Animal Feed. Andishmand Pub. Tehtan. I. R. Iran.
- 2- **Shariatmadari. F.** and M. Mohiti. 2007. (1386). Animal Feed Additives. . Andishmand Pub. Tehtan. I. R. Iran.

Research Interest

- 1- Poultry nutrition
- 2- Poultry production management

Research Publications:

Review Articles:

Farid Shariatmadari & Hamed Ahmadi (21 May 2025): An overview of rosemary in modern poultry nutrition and production, *World's Poultry Science Journal*, DOI: 10.1080/00439339.2025.2507827

Shariatmadari, F. 2023. Emergence of hemp as feed for poultry. *World's Poultry Science Journal* 79.4:769-782. DOI: 10.1080/00439339.2023.2234871

Shariatmadari, F. and R Shariatmadari. 2020. Sumac supplementation in poultry diet. *World's Poultry Science Journal*. 76:2: 358-367. DOI:10.1080/00439339.2020.1745724

Shariatmadari, F. 2012. Plans of feeding for broiler chickens. *World's Poultry Science Journal*. 68:21-30.

Shariatmadari, F. 2009. Feeding schedules for broiler chickens. *World's Poultry Science Journal*. 65:393-401.

Shariatmadari, F. 2007. The application of zeolites in poultry production. A review. *World's Poultry Science Journal*. 73:83-91

Shariatmadari, F. 2000. Poultry Industry and Production in Iran. *World's Poultry Science Journal*. 56:55-66

Forbes, J.M. and **Shariatmadari, F.** 1994. Diet selection for protein by poultry. *World's Poultry Science Journal*. 50: 7-34.

Scientific Articles (*International Journals*):

Valipourian, R., **Shariatmadari, F.**, Ahmadi, H., & Torshizi, M. A. K. (2025). Probiotic post feed restriction supplementation on realimentation performances, carcass characteristic, gut morphology and gut microbes of broiler chicken. *Journal of Applied Poultry Research*, 34(1), 100502.

Hosseinzadeh S, **Shariatmadari F**, Karimi Torshizi MA, Ahmadi H, Scholey D. 2023. *Plectranthus amboinicus* and rosemary (*Rosmarinus officinalis* L.) essential oils effects on performance, antioxidant activity, intestinal health, immune response, and plasma biochemistry in broiler chickens. *Food Sci Nutr*. 2023 Apr 21;11(7):3939-3948. doi: 10.1002/fsn3.3380. PMID: 37457190; PMCID: PMC10345709.

Shohreh Nasiri Poroj, Mohammad Reza Fazeli, Mohaddeseh Larypoor, **Farid Shariatmadari**, Developing a new biologic toxin binder for reducing AFB1 toxicity in laying hens, *Letters in Applied Microbiology*, Volume 76, Issue 2, February 2023, ovad001, <https://doi.org/10.1093/lambio/ovad001>

R Asasi, H Ahmadi, MAK Torshizi, RV Torshizi, F Shariatmadari 2023. [Assessing the nutritional equivalency of DL-methionine and L-methionine in broiler chickens: a meta-analytical study](#) *Poultry Science* 102 (12), 103143

Aalipanah S, Fazeli MR, Akhavan Sepahi A, **Shariatmadari F.** Synergistic effects of probiotic *Bifidobacterium* isolated from chicken's intestine in combination with polyvinylpyrrolidone on reduction of aflatoxin B₁. *Lett Appl Microbiol*. 2022 Nov;75(5):1160-1170. doi: 10.1111/lam.13783. Epub 2022 Jul 19. PMID: 35778982.

Nasiri Poroj, S., Larypoor, M., Fazeli, M. R., & **Shariatmadari, F.** (2023). The synergistic effect of titanium dioxide nanoparticles and yeast isolated from fermented foods in reduction of aflatoxin B1. *Food Science & Nutrition*.

Z. Olfati, **F. Shariatmadari**, M.A. Karimi Torshizi, H. Ahmadi, M. Sharafi, M.R. Bedford. 2021. Effects of gelatin as an alternative protein source and mono-component protease supplementation on growth performance, viscosity, digestibility and microbial population of ileal digesta, digestive tract traits and gut morphology of broiler chickens. *Livestock Science*. <https://doi.org/10.1016/j.livsci.2020.104326>.

Olfati, Z, **F. Shariatmadari** A,C, M.A. Karimi Torshizi, H. Ahmadi, M. Sharafi and M.R. Bedford. 2021. Effects of partial replacement of soybean meal in broiler diets with gelatin and mono-component protease on growth performance, carcass and blood biochemical characteristics, lipid oxidation of meat, and economics. *Animal Production Science*. 61, 146–155. <https://doi.org/10.1071/AN20169>.

Azad, SK **F. Shariatmadari**, M.A. Karimi Torshizi. 2020. Comparative Effect of Zinc Concentration and Sources on Growth Performance, Accumulation in Tissues, Tibia Status, Mineral Excretion and Immunity of Broiler Chickens. *Braz. J. Poult. Sci.*, 2020, vol.22, no.2. ISSN 1516-635X <http://dx.doi.org/10.1590/1806-9061-2019-1245>

Lotfi, M, **F. Shariatmadari**, H. Ahmadi, and M. Sharafi. 2020. Estimation and Prediction of Metabolizable Energy Contents of Wheat Bran for Poultry. *J. Agr. Sci. Tech.* (2020) Vol. 22(4): 965-976.

Bayez, A, Ahmadi, H., **Farid Shariatmadari** and Mohammad Amir Karimi Torshi. 2020 A Gaussian process regression model to predict energy contents of corn for poultry. *Poultry Science* 99:5838–5843. <https://doi.org/10.1016/j.psj.2020.07.044>.

Teymourizadeh, **Farid Shariatmadari**, Mohsen Sharafi, and Mohammad Amir Karimi Torshizi 2020. *Amelioration effects of n-3, n-6 sources of fatty acids and rosemary leaves powder on the semen parameters, reproductive hormones, and fatty acid analysis of sperm in aged Ross broiler breeder roosters*. *Poultry Science*. 99:708-718

Hassan Shirzadi, **Farid Shariatmadari**, Mohammad Amir Karimi Torshizi b, Shaban Rahimi b, Ali Akbar Masoudi c, Gholamreza Zaboli d and Nemat Hedayat-Evrigh. 2020. Plant extract supplementation as a strategy for substituting dietary antibiotics in broiler chickens exposed to low ambient temperature. *Archives of Animal Nutrition*. 74:3, 206-221, DOI: 10.1080/1745039X.2019.1693860

AA Baiz, H Ahmadi, F Shariatmadari, MAK Torshizi 2020. [A Gaussian process regression model to predict energy contents of corn for poultry](#) *Poultry science* 99 (11), 5838-5843

Zamani. Akbar, **Farid Shariatmadari**, Shaban Rahimi, Mohammad Amir Karimi Torshizi. 2019. Effects of in ovo injection of carbohydrates, β -hydroxy- β -methylbutyrate, and vitamins on ostrich organ weight, bone characteristics, and small intestinal morphology. *Canadian Journal of Animal Science*, 99:116-122. doi.org/10.1139/cjas-2017-0167

Zanussi HP, **Shariatmadari F**, Sharafi M, Ahmadi H. 2019. Dietary supplementation with flaxseed oil as source of Omega-3 fatty acids improves seminal quality and reproductive

performance in aged broiler breeder roosters. *Theriogenology*. 130:41-48. DOI: 10.1016/j.theriogenology.2019.02.030.

Zaboli. Golam reza, Shaban Rahimi, **Farid Shariatmadari**, Mohammad Amir Karimi Torshizi, Ali Baghbanzadeh, and Mehran Mehri. 2017. Thermal manipulation during Pre and Post-Hatch on thermotolerance of male broiler chickens exposed to chronic heat *Poultry Science* 96:478–485

Safari Asl R, **Farid Shariatmadari**, Sharafi M, Karimi Torshizi MA, Shahverdi A. 2018. Dietary fish oil supplemented with vitamin E improves quality indicators of rooster cold-stored semen through reducing lipid peroxidation. *Cryobiology*. 84:15-19. doi: 10.1016/j.cryobiol. 2018.08.008.

Safari-Asl Reza, **Farid Shariatmadari**, Mohsen Sharafi, Mohammad Amir Karimi-Torshizi. 2018. Improvements in semen quality, sperm fatty acids, and reproductive performance in aged Ross breeder roosters fed a diet supplemented with a moderate ratio of n-3: n-6 fatty acids *Poultry Science* 97:4113–4121. <http://dx.doi.org/10.3382/ps/pey27>

Abedini Mehdi, **Farid Shariatmadari**, Mohammad Amir Karimi-Torshizi, Hamed Ahmadi. 2018. Effects of Zinc Oxide Nanoparticles on Performance, Egg Quality, Tissue Zinc Content, Bone Parameters, and Antioxidative Status in Laying Hens. *Biol Trace Elem Res* (2018) 184:259–267. <https://doi.org/10.1007/s12011-017-1180-2>

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Hemati-Matin H.M, **Farid Shariatmadari**, M.A. Karimi-Torshizi and L.I. Chiba. 2018. Effect of dietary fibre sources on in vitro mineral binding capacity and growth performance, mineral digestibility, tibia and intestinal characteristics in broiler chickens *Europ.Poult.Sci.*,

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Kamran Azad, Somayeh, **Farid Shariatmadari**, M. A. Karimi Torshizi and Hamed Ahmadi. 2017. Effect of zinc concentration and source on performance, tissue mineral status, activity of superoxide dismutase enzyme and lipid peroxidation of meat in broiler chickens. *Animal Production Science*. <http://dx.doi.org/10.1071/AN15758>.

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H.R. Hemati Matin, **Farid Shariatmadari**, M.A. Karimi Torshizi & L.I. Chiba . 2016. In vitro bile acid-binding capacity of dietary fibre sources and their effects with bile acid on broiler chicken performance and lipid digestibility. British Poultry Science. 53:3. 348-357.

M. Ghalkhanbaz, **Farid Shariatmadari** & M. A. Karimi Torshizi 2016. Effects of different levels of trace minerals premix in finisher diets on performance, immune system and meat lipid oxidation of chicken fed barley- or wheat-based diet. Journal of Applied Animal Research. 1-9. <http://dx.doi.org/10.1080/09712119.2016.1260569>.

Moein Ghanaatparast-Rashti, **Farid Shariatmadari**, Mohamad Amir Karimi-Torshizi & Maziar Mohiti-Asli. 2016. Effects of dietary propionic acid, sodium citrate, and phytase on growth performance, mineral digestibility, and tibia properties in broilers Journal of Applied Animal Research

Gharaghani H, **Farid Shariatmadari** and Torshizi MA 2015. Effect of fennel (*Foeniculum Vulgare* Mill.) used as a feed additive on the egg quality of laying hens under heat stress. Brazilian Journal of Poultry Science. 17: 199-208

Ezadi E, **Farid Shariatmadari**, Karimi Torshizi MA, Hemati Matin HR. 2015. Broiler chickens performances in response to various row and autoclaved rice bran. Bulgarian Journal of Veterinary Medicine

Ebrahimia H, **Farid Shariatmadaria** and Karimi Torshizia MA. 2015. Dietary supplementation and in ovo injection of 1 α -OHD3 in a low-calcium and low-phosphorous diets for broilers. Journal of Applied Animal Research, 113-117

Ghanaatparast-Rashti M, **Farid Shariatmadari**, Mohamad Amir Karimi Torshizi and Maziar Mohiti Asli. 2015. Effects of dietary propionic acid, sodium citrate, and phytase on growth performance, mineral digestibility, and tibia properties in broilers. Journal of Applied Animal Research. 44: 370–375

Kamran Azad S, **Shariatmadari F**, Karimi Torshizi MA 2014. Production of zinc-enriched biomasses of *Saccharomyces cerevisiae*. Journal of Elementology 313–326.

Gharaghani H, **Shariatmadari F** and M.A. Karimi Torshizi. 2013. Comparison of oxidative quality of meat of chickens fed corn or wheat based diets with fennel (*Foeniculum vulgare* mil.), antibiotic and probiotic as feed additive, under different storage conditions. Arch.Geflügelk, 77 (3). 99–205, 2013.

Valipour A, Rodrigo OA, Ozorio F, **Shariatmadari. F**, Abedian d,A., Seyfabadi, J and Zahmatkesh. A. 2013. Effects of Dietary Lipid Levels on Growth, Survival, and Molting of Yearling Narrow Clawed Crayfish, *Astacus leptodactylus*. Journal of Applied Aquaculture. 24:316–325.

Hemati Matin H.M, **Shariatmadari F** and MA Karimi Torshizi. 2013. Various Physico-chemical Properties of Dietary Fiber Sources of Poultry Diets. International Journal of Agriculture and Crop Sciences. 18: 1239-1245.

Hemati Matin, H.M., **Shariatmadari F.** and M. A. Karimi Torshizi. 2013. *In Vitro* Mineral-Binding Capacity of Various Fibre Sources: The Monogastric Sequential Simulated Physiological Conditions. *Advanced Studies in Biology*, Vol. 5: 235 – 249.

Bagherzadeh K, Karimi Torshizi, M. A. Allameh, A. A. and **Shariatmadari, F.1.** 2012. Aflatoxin detoxification potential of lactic acid bacteria isolated from Iranian poultry Iranian Journal of Veterinary Research, Shiraz University, 13:2:39: 152-156.

Valipouri, A.R., Ozorio, R., **Shariatmadari. F.**, Abediny. A.M. Saifabadi, J. and A. Zahmatkesh. 2012. Effects of Dietary Lipid Levels on Growth, Survival, and Molting of Yearling Narrow Clawed Crayfish, *Astacus leptodactylus* Iranian Journal of Veterinary Research, Shiraz University, Vol. 13: 152-165.

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Sharifi, S.D., **Shariatmadari. F.** and Yaghobfar. A. 2012. Effect of inclusion of hull less barley and enzyme supplementation of broiler diets on growth performance, nutrient digestion. *Journal of Central European Agriculture*. 13(1), 193-207.

Valipour. A. **Shariatmadari, F.**, A. Abedian. 2011. Growth, molting and survival responses of Juvenile narrow clawes vrayfish, fed two sources of dietary oils. *Iranian Journal of Fishery Science*.10(3): 505-518.

Mohiti Asli. M., **Shariatmadari, F** and H Lotfollahian.. 2010. Influence of vitamin E and selenium dietary supplementation on performance, egg quality and immune response of laying hen exposed to high environmental temperature. *Arch Geflugelk.* 73”43-50.

Mohiti Asli, M., **Shariatmadari, F** and Lotfollahian. H 2008. Effects of supplementing Layer hen diets with selenium and vitamin E on egg quality, lipid oxidation and fatty acids Composition during Storage. *Canadian Journal of Animal Science*. 88:475-484.

Mohiti Asli. M Lotfollahian. H and **Shariatmadari, F.** 2007. Effect of probiotics, yeast, vitamin E and vitamin C supplements on performance and immune response of laying hen during high Environmental temperature. *International Journal of Poultry Science*. 6L12. 895-900.

Sahraie. M and **Sharatmadari, F.** 2007. Effect of different levels of dilution during finishing period on broiler chicken performances. *International Journal of Poultry Science*. 280-288.

Parsaie, S. **Sharatmadari, F.**, M.J. Zamiri and K. Khajeh 2007. Influence of wheat-based diets supplemented with xylanase, bile acid and antibiotics on the performance, digestive tract measurements and gut morphology of broilers compared with a corn-based diet. *British Poultry Science*. 542-549.

Cources Taught.

- 1- Poultry Nutrition
- 2- Research Methodology
- 3- Bioenergetics and Protein in Poultry Nutrition

Levels

- MSc
MSc
PhD

