

RESUME 2026

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EDUCATIONAL RECORDS:

<u>Degree 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, 81 :3, 967-981 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*):

Mahmoodtabar, Aref, Farid Shariatmadari, Hamed Ahmadi, Mohammad Amir Karimi Torshizi, Dawn Scholey 2026. Evaluating Raw and Heat-Treated Hempseed (*Cannabis sativa* L.) with Enzyme Supplementation for Broiler Chicken." *Journal of Agricultural Science and Technology* 28.3 (2026): 589-600. [10.48311/jast.2026.16873](https://doi.org/10.48311/jast.2026.16873)

Shurmasti, D. K., **Shariatmadari, F.**, Lima, C. M. G., & Coutinho, H. D. M. (2026). Fatty acid profile, lipid indices and lipid peroxidation in chicken meat: the effect of dietary vegetable oils and vitamin C/selenium supplement. *Journal of the Science of Food and Agriculture*, 106(1), 73-80.

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.

Kamani, M., Karimi Torshizi, M. A., & **Shariatmadari, F.** (2025). Supplementation with *Aspergillus* fungi strain cultures on wheat bran on low-protein diets on performance, egg quality and blood characteristics of laying hens. *British Poultry Science*, 66(5), 589-598.

Shirzadi, H., **Shariatmadari, F.**, Karimi-Torshizi, M. A., Masoudi, A. A., Rahimi, S., Saba, F., ... & Hedayat-Evrigh, N. 2024. Diets containing phytobiotics, l-arginine, vitamin E and captopril modulate ascites syndrome-related genes expression in broiler chickens exposed to low ambient temperature. *Veterinary Medicine and Science*, 10(5), e1542.

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/fsn.3380. PMID: 37457190; PMCID: PMC10345709.

Shohreh Nasiri Poroj, Mohammad Reza Fazeli, Mohaddeseh Larypoor, **Farid Shariatmadari**, 2023. 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>.

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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, Z., **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

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

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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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M. Abedini, **F. Shariatmadari**, M.A. Karimi Torshizi, H. Ahmadi. 2017. Effects of a dietary supplementation with zinc oxide nanoparticles, compared to zinc oxide and zinc methionine, on performance, egg quality and zinc status of laying hens. Livestock Science.

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>.

Abedini M, **Farid Shariatmadari**, Torshizi MAK, Ahmadi H. Effects of Zinc Oxide Nanoparticles on Performance, Egg Quality, Tissue Zinc Content, Bone Parameters, and Antioxidative Status in Laying Hens. *Biol Trace Elem Res*. 2017 Oct 18.

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*

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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 biomass 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.

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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.

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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