

RESUME 2018

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FARID SHARIATMADARI
Professor in Poultry Nutrition
shariatf@modares.ac.ir
Shariat_madari@yahoo.com



Department of Poultry Science, Tarbiat Modares University
P.O. Box. 14155-336 Tehran, Islamic Republic of Iran
Tel : ++98 21 48292372 Fax : ++98 21 48292200

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 Farsi):

- 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:

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*):

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. <http://dx.doi.org/10.1016/j.livsci.2017.06.010>

S. Kamran Azad, **F. 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, Shariatmadari F, 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. doi: 10.1007/s12011-017-1180-2.

Gholam-Reza Zaboli, Shaban Rahimi, **Farid Shariatmadari**, Mohammad Amir Karimi Torshizi, Ali Baghbanzadeh and Mehran Mehri. 2016. Thermal manipulation during Pre and Post-Hatch on thermotolerance of male broiler chickens exposed to chronic heat stress. Poultry Science. 98:1-11. <http://dx.doi.org/10.3382/ps/pew344>

H.R. Hemati Matin, **F. 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, **F. 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, **Shariatmadari F** 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, **Shariatmadari F**, Karimi Torshizi MA, Hemati Matin HR. 2015. Broiler chickens performances in response to various raw and autoclaved rice bran. Bulgarian Journal of Veterinary Medicine

Ebrahimia H, **Shariatmadaria F** 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, **Shariatmadari F**, 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. Productio n 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.

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.

Bagherzadeh Kasmani , M. A. Karimi Torshizi ,1 A. Allameh , and **Shariatmadari F.** 2012. A novel aflatoxin-binding *Bacillus* probiotic: Performance, serum biochemistry, and immunological parameters in Japanese quail. Poultry Science 91:1846–1853

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 claws 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. **Sharatmadar, 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.

Parsaie S., **Sharatmadar, F.**, Zamiri M.J and K. Khajeh 2006.. Evaluation of starch, soluble and insoluble non-starch polysaccharides and metabolizable energy of 15 cultivars of Iranian wheat. Journal of Agriculture and Social Science. 2.4 258-266.

Shariatmadari, F. and J.M. Forbes. 2005. Effect of wet and whey feeding on broiler chickens performances. British Poultry Science. 46:4. 496-505.

Shahir. M.H, **Sharatmadari, F.**, S.A. Mirhadi and M. Zakiri. 2004. Use of physiological indicators for determination lysine requirement of laying hen. Avian and Poultry Biology Reviews 15:3 247-250.

Sharatmadari, F. J Nafisi and J Yaghobfar. 2003. The effect of processing, basal diet and inclusion levels on metabolisable energy value of fats. Indian Journal of Animal Science. Vol 73. No 6. 682-687.

Sharatmadari, F and J.M. Forbes. 1994. The effect of short term and long-term under-feeding or over-feeding of various levels of protein on subsequent diet selection. British Poultry Science. 37: 652-659.

Sharatmadari, F. and J.M. Forbes. 1993. Growth and food intake responses to diets of different protein content and a choice between diets containing two concentration of protein in broiler and layer strain chicken. British Poultry Science. 34: 959-970.

Publications in Persian (Iran)

Shaykhi, H., **F. Sharatmadari**, and M. A. Karimi-Torshizi. 2013 (1392). Effect of feeding edible mushroom and savory on performance, apparent nutrient digestibility and immune responses of Japanese quails Animal Production Research, 2: 31-38.

Ghanaat Parast Rashti, M., **F Sharatmadari** and M AKarimi Torshizi. 2013 (1392). The effects of propionic acid and exogenous phytase on growth performance and nutrient digestibility of broiler. Journal of Animal Science Research. 23:165-174.

Tahmasbi, O. **Sharatmadari, F.** and M. A. Karimi Torshizi. . 2012 (1391). Effect of Dietary Extract of Thyme and Vitamin E Supplementation on Immune Responses and Yolk Cholesterol in Laying Hen under Heat Stress Condition. Medicinal Plant. 11:2:383-393.

Farhadi, D., **Sharatmadari, F**, H. and Karimi. Torshiz, M. A. 2012 (1391). The Effect of Litter Chemical Additives on Performance, Immune System and Incidence of Ascites Syndrome in Broiler Chickens. Animal Products Research. 6:3:1-10.

Asadi, F- **F. Sharatmadari-** M.A. Karimi Torshizi. 2011 (1390) Effect of Various Types and Levels of Organic Selenium on Poultry Production, Egg Quality and Selenium Enrichment of Eggs. Iranian Journal of Animal Science Research. 3:4:344-355.

Bahrami, M, **Sharatmadari, F.**1 and M. A. Karimi Torshizi. 2011 (1390). Effect of Dietary Extract of Thyme and Peppermint and Vitamin E Supplementation on Immune Responses of Laying Hen in Heat Stress and content of peroxidation Egg in During Storage. Iranian Journal of Medicinal and Aromatic Plant. 27: 2: 326-337.

Mohseni Mahani, M., **Sharatmadari, F**, and Karimi.Torshizi. A. 2011 (1390) Efficacy of Phase-Feeding in Supporting Growth Performance and Carcass Yield of Broiler Chicks. Animal Sciences Journal (Pajouhesh & Sazandegi) . 92:1-11.

Abediny sanigy, M., **Shariatmadari, F.** and Karimi Torshizi, M. A. 2011 (1390). Effect of medicinal plants, organic acid and antibiotic in diet containing barley and enzyme on growth performance, immune response, blood traits and intestinal morphology of broiler chickens. Journal of Animal Products. 13:2:28-39.

Mehrabadi, M., **Shariatmadari, F.** and M. A. Karimi Torshizi. 2011 (1390). Effect of meedical plant Antibiofen, probiotic Galipro, and antibiotic virginamicine in diets containing barley on Growth performance, SRBC immune response and cholesterol and triglyceride of blood of broiler Chickens. Iranian Journal of Medicinal and Aromatic Plants. 27:431-439.

Farhadi, D., **Shariatmadari, F.**, Khosravinia, H. and Karimi. Torshiz, M. A. 2011 (1390) Effect of Addition of Chemical Amendments to Different Litter Materials on Broiler Performance, Carcass characteristics and Litter Physical and Chemical Properties. 23-34.

M. Bahrami, **Shariatmadari, F** and M. A. Karimi Torshizi. 2011 (1390) Effect of Dietary Extract of Thyme and Peppermint and Vitamin ESupplementation on Immune Responses of Laying Hen in Heat Stress and content of peroxidation Egg in During Storage. Iranian Journal of Medicinal and Aromatic Plants. 27:3 326-337.

Ghofrani Ivari. Yaser., **Shariatmadari, F.** and M.A Karimi Torshizi. 2010 (1389). Effect of fat and antioxidants on broilers performances under heat stress condition and oxidative stability of chicken meat during storage. Animal Sciences Journal (Pajouhesh & Sazandegi) 88: 23-27.

Saeed Vahid Marashi Sarabi, **Sharatmadari, F** and K. Karimi ' Torshizi. 2010 (1389) Effects of medicinal plant, prebiotic, probiotic and antibiotic on intestinal morphology and nutrient digestibility of broilers chickens. Veterinary Journal (Pajouhesh & Sazandegi) No 86 pp: 15-20.

Sharifi, S.D., A, **Shariatmadari, F** and A, Yaghobfar,. A ۱۰ (1389). Effect of hull less barley and enzyme supplementation on nutrient digestability and metabolisable energy content of diets fopr broilers. Animal Science (Pazohesh Sazandaghi). 87:75-83.

Alizadeh, A. **Sharatmadari, F** and K. Karimi. 2010 (1389). The Effect of گessential oil, prebiotic, probiotic and antibiotic on performance and immune response of broilers chickens. Veterinary Journal (Pajouhesh & Sazandegi) No 87 pp: 10-17

Alizadeh, A. **Sharatmadari, F** and K. Karimi. 2010. Effects of medicinal plant, prebiotic, probiotic and antibiotic on intestinal morphology and nutrient digestibility of broilers chickens. Veterinary Journal (Pajouhesh & Sazandegi) No 86 pp: 65-73

Sharifi, S.D., Barin, A, Yaghobfar, A, **Shariatmadari, F.** ۱۳۸۸ . Study the effects of different levels of hull-less barley on cecal microflora of broiler chicks. Journal of Veterinary Research. 64,1: 55-61

Shariatmadari, F. and S.M. Golkar 2008 (1387). Comparing production traits performances of Commercial broiler Chickens in Iran. Scientific Journal of Agriculture (Ferdosi University of Mashhad). 20.2:34-43.

Zahmatkesh A., Poorreza J. , Abedian A., **Shariatmadari, F.**, Valipoor A., Karimzadeh K. 2007 (1386). The efficiency of diets containing different levels of phosphorus in feeding freshwater crayfish, *Astacus leptodactylus*. Agriculture Science Journal. Esphahan University. 82-91

Nemati. M., **Shariatmadari, F.**, Vaez Torshizi, R. and Lotfollahian. H. 2007 (1386). Effect of different levels of vegetable oil on broiler performance during compensatory growth. 7: 67-75.

Shariatmadari, F., Moghaddamian. A. A. Malakmohammadi, M. 2006 (1385). Effect of intermittent light and early feed restriction on performance in commercial broiler. Agriculture Science Journal. Esfahan University. 52-61.

Zahmatkesh A., Poorreza J. , Abedian A., **Shariatmadari, F.**, Valipoor A., Karimzadeh K. 2006 (1385). The efficiency of diets containing different levels of calcium in feeding freshwater crayfish, *Astacus leptodactylus*. Agriculture Science Journal. Esphahan University. 62-71.

Shahir. G. **Shariatmadari, F.**, Mirhadi. M. and H. Lotfollahian 2005 (1384) Determination of Lysine Requirement of Laying Hens Using Plasma Free Lysine Levels. Iranian Journal of Agricultural Science (Tehran University). 397-405.

Sharifi. S.S. **Shariatmadari, F.**, A. Yaghobfar. And S.A. Mirhadi. 2005 (1384). Determination of the effect of enzyme and hull-less barley on broiler performance. Journal of Agricultural science & Natural Resource. 12: 83-93.

Lotfollahian. H., **Shariatmadari, F.**, Shivazad. M. & Mirhadi. S.A. 2004 (1383). Study on the effects of two kinds natural zeolite in dietary on blood biochemical parameters, relative weight of body organs and broilers performance. Pazohesh va Sazandeghi. 64: 64-76.

Shariatmadari, F., Rezaie. S. and Lotfollahian, H. 2005 (1384). Comparing the performances of commercial hybrids. Pazohesh va Sazandeghi. 67. 73-82.

Lotfollahian. H., **Shariatmadari, F.**, Shivazad. M. & Mirhadi. S.A. 2004 (1383). Study on the effects of two kinds natural zeolite in dietary on blood biochemical parameters, relative weight of body organs and broilers performance. Pazohesh va Sazandeghi. 64: 64-76.

Shahir. G. **Shariatmadari, F.**, Mirhadi. M. and H. Lotfollahian. 2004 (1383). Determining lysine requirement of laying hen during egg production. Pazohesh va Sazandeghi. 63. 81-93

Shariatmadari, F., Fakhraie. J. and Lotfollahian. H. 2003 (1382). Effect of different level of energy and protein on the performance of commercial laying hens. Scientific Journal of Agriculture (Ferdosi University of Mashhad). 17:1. 97-107.

Sharifi. S. D., **Shariatmadari, F.**, Yaghobfar. 2003 (1382). The effect of hull-less barley in broiler ration. Pazohesh va Sazandeghi. 63: 79-84.

Nemati, M. H. and **Shariatmadari. F.** 2003 (1382). Effect of various levels of fat inclusion

Shariatmadari, F. and Hosseni, S.H. 2001 (1380). Effect of time of feed restriction on the performance of broiler chickens. Iranian Journal of Agricultural Science (Tehran University). 33:3. 499-507.

Maimandi. G. **Shariatmadari, F.** 2001 (1380). Compensatory growth in broiler, effect of hybrids and inclusion levels. Pazouhesh and Sazandeghi. 56:65-99.

Shariatmadari, F. 2001 (1380). Performances of broiler chickens on wet food. Pazouhesh and Sazandeghi. 51: 20-31.

Sharifi. S.D., **Shariatmadari, F** and A. Yaghobfar. 2000 (1379). Macro-nutrients of major feedingstuffs used for poultry in Iran. Pazouhesh and Sazandeghi. 48:95-104.

Shariatmadari, F., Nafisi, J. and Yaghobfar, G. 1379 (2000). Determination of various forms of metabolisable ebergy of animal fat sources produced in Iran. Scientific Journal of Agriculture (Ferdosi University of Mashhad). 14:1. 82-91.

Courses Taught.

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

Levels

- MSc
- MSc
- Ph.D