

HAMED AHMADI, CV



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Dr. Hamed Ahmadi Born in December 1980 in Yazd, Iran. Primary and High School (Iranshahr School), Yazd (1986-1998). He earned BSc in the field of Animal Science from the Ferdowsi University of Mashhad (1998-2003), MSc in the field of Animal Feed and Nutrition from the University of Guilan (2003-2006), and PhD of Poultry Science from Ferdowsi University of Mashhad (2007-2012). Visiting scholar through a Sabbatical leave, University of Hohenheim, Stuttgart, Germany, working on the Modeling and optimization the nutritional system (2011-2012). In January 2011 he was joint as an Assistant Professor for Bioscience and Agriculture Modeling to the Department of Poultry Science in the College of Agriculture at Tarbiat Modares University. His main responsibilities are to conduct research through the multidisciplinary projects on “Agriculture-Nutrition-Poultry-Modeling-Data Science” and to direct graduate students at MSc and PhD levels. Hamed, holds memberships in the Poultry Science Association (PSA), World's Poultry Science Association (WPSA), and Iranian Society for Animal Science, also contributes in Editorial boards of several scientific journals. He was the Associate Editor for Poultry Science during a 7-year period starting from 2009.

Publication

1. Ahmadi H (2017) A mathematical function for the description of nutrient-response curve. *PloS one* 12(11):e0187292.
2. Ghanaatparast-Rashti M, Mottaghitalab M, & Ahmadi H (2017) Effect of in-ovo feeding of beta-hydroxy beta-methylbutyrate and dextrin and posthatching water and feed deprivation on body glycogen resources and jejunal morphology of broilers at 7 days of age using response surface methodology. *Iranian Journal of Animal Science* 48(2):273-286.

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4. Ahmadi H & Rodehutsord M (2017) Application of Artificial Neural Network and Support Vector Machines in Predicting Metabolizable Energy in Compound Feeds for Pigs. *Frontiers in Nutrition* 4:27.
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6. Abedini M, Shariatmadari F, Torshizi MK, & Ahmadi H (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* 203:30-36.
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14. Tahmoorespur M & Ahmadi H (2012) A neural network model to describe weight gain of sheep from genes polymorphism, birth weight and birth type. *Livestock Science* 148(3):221-226.
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17. Faridi A, Mottaghitalab M, & Ahmadi H (2012) Sensitivity analysis of an early egg production predictive model in broiler breeders based on dietary nutrient intake. *The Journal of Agricultural Science* 150(1):87-93.
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