



# TAGHI GHOORCHI

Faculty member

## PROFILE

**Professor** of Dep. Animal and Poultry Nutrition, College of Animal Science, Gorgan University of Agricultural Sciences and Natural Resources, Gorgan, Golestan province, Iran

**Editor-in-Chief** journal of Ruminant Research

**Supervisor:** Supervisor of more than 46 M.Sc and 24 Ph.D. students graduated.

## CONTACT

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## HOBBIES

Ruminant nutrition

## EDUCATION

**Ph.D. 2001, Ruminant Nutrition, University of Tarbiat Modarres, Iran,** (*In Vitro* Survey on Potential of Anaerobic Fungi of Sheep Ruminant in Fiber Degradation)

**M.Sc. 1994, Animal Science, Isfahan Univ. of Tech. Iran.** (Determination of Chemical Compositions and Digestibility of Range plants in **Isfahan** Province).

**B.Sc. 1991, Univ. of Ferdowsi Mashhad**

**Sabbatical in Denmark**

Digestion site of starch in lactating dairy cows measured with mobile nylon bag method and compared to *in vivo* digestibilities

## WORK EXPERIENCE

**Gorgan University of Agricultural Sciences and Natural Resources** Faculty Member, 2001–2023

**Assistant Professor, 2001-2007**

**Associate Professor, 2007-2012**

**Professor, 2012-**

**Head of the Dept.** Animal Sci. from 2002-2004, 2011-2014 and 2016-2023

**Directors of Master's and PhD students of Gorgan University**  
2004-2009

## ACADEMIC TEACHING EXPERIENCE

- Ruminant Nutrition (M.Sc)
- Advanced Nutrition (M.Sc)
- Vitamins and Minerals in Animal Nutrition (Ph.D)
- Protein and Amino Acids in Animal Nutrition (Ph.D)
- Fats and Carbohydrates in Animal Nutrition (Ph.D)
- Microbiology in Ruminant (Ph.D)
- Metabolic disorders in Animal (Ph.D)
- Principles of Ration Formulation (B.Sc)

## PUBLICATION

1. Toghdory, T., Asadi, M., **Ghoorchi, T** and Hatami, M. 2023. Impacts of organic manganese supplementation on blood mineral, biochemical, and hematology in Afshari Ewes and their newborn lambs in the transition period. *Journal of Trace Elements in Medicine and Biology*. 79: <https://doi.org/10.1016/j.jtemb.2023.127215>
2. Bokharaeian, M., Toghdory, A. and **Ghoorchi, T**. 2023. Effects of dietary curcumin nano-micelles on growth performance, blood metabolites, antioxidant status, immune and physiological responses of fattening lambs under heat-stress conditions. *Journal of Thermal Biology*, 114: [doi.org/10.1016/j.jtherbio.2023.103585](https://doi.org/10.1016/j.jtherbio.2023.103585)
3. HosseinAbadi, M., **Ghoorchi, T.**, Amirteymouri, E., Poorghasem, M.R. 2023. The effect of different processing methods of linseed on growth performance, nutrient digestibility, blood parameters and ruminant behaviour of lambs. *Veterinary Medicine and Science*. DOI:10.1002/vms3.1149.
4. Toghdory, A., **Ghoorchi, T** ,Asadi, M., Bokharaeian, M., Najafi, M., and Ghassemi Nejad, J. 2022. Effects of environmental temperature and humidity on milk composition, microbial load, and somatic cells in milk of Holstein dairy cows in the northeast regions of Iran. *Animals*. <https://doi.org/10.3390/ani12182484>
5. Shabani, A., Boldajie, F., Dastar, B., **Ghoorchi, T** and Zerehdaran, S. Ashayerizadeh, A. 2021. Evaluation of increasing concentrations of fish waste silage in diets on growth performance, gastrointestinal microbial population, and intestinal morphology of broiler chickens. *Animal Feed Science and Technology*, 275.

6. Seyed Almoosavi,S.M.M., **Ghoorchi,T.**, Naseriain., Khanaki,H.,Drakley,J.K and Ghaffari, M.H.2021. Effects of late-gestation heat stress independent of reduced feed intake on colostrum, metabolism at calving,and milk yield in early lactation of dairy cows. *Journal of Dairy Science*,104(2): 1744-1758.:<https://doi.org/10.3168/jds.2020-19115>.
7. Seyed Almoosavi,S.M.M., **Ghoorchi,T.**, Naseriain., Ramezanpor,SS., and Ghaffari, M.H.2020.Long-term impacts of late-gestation maternal heat stress on growth performance and blood hormones and metabolites of newborn calves independent of maternal reduced feed intake. *Domestic Animal Endocrinology*, 72:1-11. DOI: 10.1016/j.domaniend.2019.106433
8. Nasehi,M., Torbatinejad, N.M.,Rezaie,M and **Ghoorchi,T.**2018. Effects of partial substitution of alfalfa hay with green tea waste on growth performance and invivo methane emission of fat-tailed lambs. *Small Ruminant Research*,168:52-59.
9. Parvar,R., **Ghoorchi, T.**, Kashfi, H., Parvar, K.2018. Effect of *Ferulago angulata* (Chavil) essential oil supplementation on lamb growth performance and meat quality characteristics, *Small Ruminant Research*,167:48-54.
10. Parvar, R., **Ghoorchi, T** and Shams Shargh,M.2017. Influence of dietary oils on performance, blood metabolites, purine derivatives, cellulase activity and muscle fatty acid composition in fattening lambs. *Small Ruminant Research*,150:22-29.
11. Pashai, S., **Ghoorchi, T** and Yamchi,A.2015. Evaluation of biohydrogenation rate of canola vs. soya bean seeds as unsaturated fatty acids sources for ruminants in situ. *Animal Physiology and Animal Nutrition*
12. Dastar,B., Khoosravi, A., Boldajie, F., and **Ghoorchi, T.**2015.Effect of calcium with and without probiotic, lactose, or both on organ and body weights, immune response and caecal microbiota in moulted laying hens. *Animal Physiology and Animal Nutrition*.100:243-250.
13. **Ghoorchi,T.**, P.Lund., M.Larsen., T.Hvelplund., J.Hansen-Moller and M.R.Weisbjerg.2013. Assessment of the mobile bag method for estimation of in vivo starch digestibility.*Animal*,7(2):265-271.
14. Ghanbari,F., **Ghoorchi,T.**, P.Shawrang., H. Mansouri., N.M.Torbati-Nejad.2012. Comparison of electron beam and gamma ray irradiations effects on ruminal crude protein and amino acid degradation kinetics, and in vitro digestibility of cottonseed meal. *Radiation Physics and Chemistry*.81,672-678.
15. Khaksefidi,A and **T.Ghoorchi.**2006.Effect of production on performance and immunocompetence in broiler chicks. *The Journal of Poultry Science*,43:296-300

Note: So far, about **115 Farsi articles** and **40 English** articles have been published