Curriculum Vitae

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Date and place of birth: 02/09/1970, Isfahan, Iran

Academic Degrees

- **BSc:** 1989–1993, **Animal Science**, Isfahan University of Technology, Isfahan, Iran
- **MSc:** 1994–1996, **Animal Science**, Shiraz University, Shiraz, Iran
- **PhD:** 1996–2001, (**Animal Nutrition**- Avian Nutritional Physiology and Immunology), Ferdowsi University of Mashhad, Iran

Employment

- **Associate Professor** Department of Animal Science, Agriculture Faculty, Razi University, Kermanshah, IRAN (2010)
- **Assistant Professor** Department of Animal Science, Agriculture Faculty, Razi University, Kermanshah, IRAN (2001-2010)
- **Research and Education deputy**, Agriculture Faculty, Razi University, Kermanshah (2001)
- **Financial and Administrative deputy**, Agriculture Faculty, Razi University, Kermanshah (2002-2006)
- **Head of Animal Science Department,** Razi University, Kermanshah (2007- 2012).
- **Head of Faculty, Agricultural Sciences and Engineering,** Razi University, Kermanshah (2012-2014).
- **Research deputy, College of Agriculture and Natural Resources,** Razi University, Kermanshah (2023-2024).

Membership of Scientific Societies

- American Poultry Science Association
- World Poultry Science Association
- World Veterinary Poultry Association

Referee for Journal Article Submitted to

More than 50 JCR peer review journals

Experiences

- Sabbatical in **Poultry Research Group**, ***University of Alberta***, Edmonton, Canada (Visiting scientist 1999-2000).
- Sabbatical in **Animal Nutrition Department**, ***Wageningen University***, Wageningen, The Netherlands (Visiting scientist 2016).

Publications

Refereed Journal Publications

- Mohebbifar, A., Sedgh-Gooya, Shadi, and **Torki, M**. **2025**. Optimizing productive performance of laying hen and egg quality under cold stress: A dietary approach with crude protein, methionine and zinc, **Veterinary Medicine and Science**, 2025; 11:e70652, https://doi.org/10.1002/vms3.70652
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- Nasser, S. N., **Torki, M**., Al-Khafaji, F. R., Harsini, S. G., Qotbi, A. A. A., **2025**. Effect of dietary inclusion of artichoke (*Cynara scolymus*) leaf powder and astaxanthin on productive performance, hematological and biochemical profiles, hepatic and antioxidant enzyme activities, and gut microbiota in broiler chickens**, PLOS One**, October 24, https://doi.org/10.1371/journal.pone.0328784
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- Khodaei, M., **Torki, M**., and Karimi, I. Khajali, F., **2025**. Application of various mixtures of medicinal herbs in the diet of laying hens: Evaluating preventive approach of fatty liver syndrome. **PLOS One**, October 24, https://doi.org/10.1371/journal.pone.0330363

- Salehizadeh, A., **M. Torki**, M. Darbemamieh, S. D. Sharifi, **2025**. Diet inclusion of housefly larvae and frass supplemented by Rayabold (enzyme and probiotic) on performance of laying hens and egg quality, **Poultry Science**, Volume 104, Issue 10. https://doi.org/10.1016/j.psj.2025.105544

- Hamzehee, Z, **M. Torki**, K. Rashidi, A. Abdolmohammadi, **2025**. Effect of dietary *Bacillus subtilis*, dried whey powder, and *Saccharomyces cerevisiae* on the production performance, egg quality, blood biochemical parameters, and ileal histomorphology in late-phase Lohmann LSL- lite laying hens, **Poultry Science**, Volume 104, Issue 10, https://doi.org/10.1016/j.psj.2025.105547

- Khodaei, M, **M. Torki**, F. Khajali, I. Karimi, **2025**. Phytogenic feed additives as an approach to prevent fatty liver hemorrhagic syndrome in laying hens, **Poultry Science**, Volume 104, Issue 10, https://doi.org/10.1016/j.psj.2025.105573.

- Hamzehee, Z., **M. Torki**, K. Rashidi and A. Abdolmohammadi, **2025**. Effects of dietary of *Bacillus coagulans*, whey powder, and their interaction on the performance of Lohmann LSL-lite laying hens in the late production phase, **PLoS ONE**, May 29, https://doi.org/10.1371/journal.pone.0322557
- Seyedoshohadaei, S., **M. Torki**, A. Yaghoubfar, A. Abdolmohammadi, **2024**. Interactions of wheat cultivars and supplemental enzyme in diet of broiler chickens on growth performance, carcass characteristics, intestinal morphometric features, and blood parameters. **Journal of Agriculture and Food Research**, Volume 18, December 2024, https://doi.org/10.1016/j.jafr.2024.101291

- Seyedoshohadaei, S., **M. Torki**, A. Yaghoubfar, A. Abdolmohammadi, **2024**. Interaction of wheat cultivar and enzyme on broiler growth, nutrient utilization, and gut microflora. **PLoS ONE** 19(11): e0312796. https://doi.org/10.1371/journal.pone.0312796

- Seyedoshohadaei, S., **M. Torki**, A. Yaghoubfar, A. Abdolmohammadi, **2023**. Interactions of dietary wheat cultivars and NSP-degrading enzyme on productive performance and egg quality traits. **Vet Med Sci.** 9: 2132–2143.
- Noruzi S., **M. Torki**, and H. Mohammadi, **2022**. Effects of supplementing diet with Thyme (*Thymuas vulgaris* L.) essential oil and/or selenium yeast on production performance and blood variables of broiler chickens. **Vet Med Sci**, https://doi.org/10.1002/vms3.736
- F Bekri, **M Torki**, **2021**. Egg quality traits, blood biochemical parameters and performance of laying hens fed diet included processed oak fruit. **Vet Med Sci** 7: 483-490.
- Namamian Y, **M. Torki**, H. Mohammadi, **2021**. Effect of dietary inclusion of eucalyptus and marshmallow leaf powder on growth performance and blood biochemical parameters of broiler chickens. **Anim Prod Res** 9: 11-21.
- M Rajabi, **M Torki**, **2021**. Effect of dietary supplemental vitamin C and zinc sulfate on productive performance, egg quality traits and blood parameters of laying hens reared under cold stress condition. **J Appl Anim** Res 49: 309-317.

- **Torki M**, A. Mohebbifar, H. Mohammadi, **2021**. Effects of supplementing hen diet with *Lavandula angustifolia* and/or *Mentha spicata* essential oils on production performance, egg quality and blood variables of laying hens. **Vet Med Sci** 7: 184-193.
- Mohammadi A. L., **M. Torki**, M. Mottaghitalab, **2021**. Effect of adding garlic and tomato pomace powder to diet on the body weight, productive performance, and egg quality traits in broiler breeders, **Anim Prod Res** 10: 79-87.
- Namroudi M. J., **M. Torki**, H. Mohammadi, **2021**. Effect of adding different levels of saffron petals on productive performance, egg quality traits, and blood parameters of laying hens. **Anim Prod Res** 10: 95-106.
- Sedgh-Gooya S., **M. Torki**, M. Darbemamieh, H. Khamisabadi, A. Abdolmohamadi, **2021**. Effect of dietary inclusion of yellow mealworm (Tenebrio molitor) larvae meal on productive performance, egg quality indices and blood parameters of laying hens. **Anim Prod Sci** 61: 1365-1372.
- Zngeneh S., **M**. **Torki, A**. Abdolmohammadi, A. Saki, **2020**. Dietary addition of lysophospholipids and vitamin C affects growth performance, serum metabolites, antioxidant capacity and carcass characteristics of broiler chickens reared under low ambient temperature, **Anim Prod Sci**, 60: 1557-1566.
- Reshadi H., **M. Torki**, H. Mohammadi, **2020**. Changes in performance, egg quality and blood parameters of laying hens fed selenium and oregano oil, **Anim Prod Sci**, 60: 89-94.
- Fard M. K., R. Ghasemi, E. Dirandeh, **M. Torki**, M. Rezaei, **2020** Effect of zinc oxide, potassium iodide and withdrawal diet as alternative moulting methods on performance of commercial laying hens, **J Appl Anim Res**, 48: 534-542.
- Sedgh-Gooya S., **M. Torki**, M. Darbemamieh, H. Khamisabadi, M. A. Karimitorshizi, A. Abdolmohamadi, **2020**. Yellow mealworm, Tenebrio molitor (Col: Tenebrionidae), larvae powder as dietary protein sources for broiler chickens: Effects on growth performance, carcass traits, selected intestinal microbiota and blood parameters, **J Anim Physiol Anim Nutr**, 119-128.
- Momeneh, T., **M. Torki**, L. Soleimanibaghsha, **2019**. Effects of in ovo injection of vitamin B6 and B12 in fertile eggs subjected to ethanol stress on hatchability, performance and blood biochemical parameters of broiler chicks. **Anim Sci J**. 32 (124), 29-40.

- Z Ranjbar, **M. Torki**, A.A. Karimitorshizi, **2019**. In ovo injection of flavanone on bone quality characteristics, biochemical parameters and antioxidant enzyme status of blood in daily chicks, **J Anim Physiol Animal Nutr** 103 (5), 1418-1426.

- Mohebbifar A., **M. Torki**, A Abdolmohammadi, **2019**. Effects of dietary guanidinoacetic acid supplementation on performance, blood parameters and meat quality of male broilers with cold-induced ascites, **Iranian J Appl Anim Sci** 9 (1), 125-133.

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- **Torki M**., D. Schokker, M. Duijster-Lensing, M.M. Van Krimpen, **2018**. Effect of nutritional interventions with quercetin, oat hulls, β-glucans, lysozyme and fish oil on performance and health status related parameters of broilers chickens, **British poultry science** 59 (5), 579-590.

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- Van Krimpen M. M., **M Torki**, D. Schokker, **2018**. Effects of rye inclusion in grower diets on immune competence-related parameters and performance in broilers, **Poult Sci** 96 (9), 3324-3337.

- Akbari, M. and **M. Torki**, **2016**. Effects of adding aqueous extract of Tribulus terrestris to diet on productive performance, egg quality characteristics, and blood of laying hens reared under low ambient temperature (6.8 ± 3 °C). **International Journal of Biometeorology**, 60: 867–871.

- Arash Babakhanian, Tahereh Momeneh, Parviz Aberoomand-azar, Samineh Kaki, **Mehran Torki**, Seyed Hossein Kiaie, Ehsan Sadeghi and Farzad Dabiriane, **2015**. A fabricated electro-spun sensor based on Lake Red C pigments doped into PAN (polyacrylonitrile) nano-fibers for electrochemical detection of Aflatoxin B1 in poultry feed and serum samples, **Analyst**, 140, 7761–7767.

- Hajiazizi, F., **M. Torki** and M. Habibian, **2016**, Effects of rosemary essential oil and zinc on performance, egg quality traits, and some serum metabolites in laying hens, **Journal of Livestock Science and Technologies**, 4 (2): 01-06. (Corresponding Author: Mehran Torki).

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- Torki M, Mirzaee M & Habibian M. 2016. Effects of barley cultivar and dietary supplemental enzyme on performance, egg quality traits, and selected blood parameters of laying hens. **Poultry Science Journal** 4 (1): 1-12.

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- **Torki, M.,** A. Mohebbifar, H. A. Ghasemi, and A. Zardast, **2015**. Response of laying hens to feeding low-protein amino acid-supplemented diets under high ambient temperature: performance, egg quality, leukocyte profile, blood lipids, and excreta pH. **International Journal of Biometeorology**, 59: 575-584.

- Mirzaee M., **M. Torki** and M. Habibian, **2015**. Potential enhancing effects of a carbohydrase mixture on phytase efficacy in late-phase laying hens fed wheat-based diets. *South African Journal of Animal Science*, 45(2): 214-225.

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- **Torki, M**., H. R. Zangiabadi and H. A. Ghasemi, **2014**. Effects of enzyme supplementation on productive performance and egg quality of laying hens fed diets containing graded levels of whole date waste. **Poultry Science Journal** 2(2):139-151.

- **Torki, M**., K. Kaviani, and H. A. Ghasemi, **2014**. Effects of diet supplementation by copper sulphate and ginger essential oil on growth performance and plasma biochemical parameters of broiler chickens under high environmental temperature conditions. **European Poultry Science**, 78: 1-12.

- **Torki, M**., M. Akbari, N. MoradiKor, **2014**. Effect of vitamin E and selenium supplements on performance, egg quality, and blood biochemistry in Lohman LSL-Lite laying hens. **Online Journal of Veterinary Research**, 18: 238-246.

- Masoud Mirzaee, **Mehran Torki**, Mahmood Habibian, **2014**. Effects of wheat cultivar, metabolizable energy level, and xylanase supplementation to laying hens diet on performance, egg quality traits, and selected blood parameters. **Spanish Journal of Agricultural Research**, 12(4): 1071-1081.

- **Torki, M**., R. Ghasemi, H. A. Ghasemi, **2014**. Effects of dietary crude protein and electrolyte balance on production parameters and blood biochemicals of laying hens under tropical summer condition. **Tropical Animal Health and Production**, 46: 717-723.

- **Torki, M**., S. Zangeneh, and M. Habibian, **2014**. Performance, egg quality traits, and serum metabolite concentrations of laying hens affected by dietary supplemental chromium picolinate and vitamin C under a heat stress condition. **Biological Trace Element Research**, 157: 120-129.

- **Torki, M**., M. Ehsani, and M. Zarei, **2014**. Effect of dietary energy and protein level and enzyme supplementation on performance and egg quality traits of laying hens. **Annual Research & Review in Biology**, 4(10): 1602-1610.

- Afsari, M., A. Mohebbifar, and **M. Torki**, 2014. Effects of dietary inclusion of olive pulp supplemented with probiotics on productive performance, egg quality and blood parameters of laying hens. **Annual Research & Review in Biology**, *4(1):* 198-211.

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Papers Presented in Conferences

- van Krimpen, M.M, **M. Torki** and D. Schokker, 2016. Effects of nutritional interventions on broiler performance, gut microflora and gene expression**.** *Proceeding of 16th International Conference on Production Diseases in farm animals*, Wageningen University, The Netherlands, June 20-23, Page 76.

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Teaching Courses at Razi University (2001-2025)

Postgraduate

- Advanced Poultry Nutrition - Proteins and Amino acids (PhD)
- Bioenergetics in Poultry Nutrition (PhD)
- Avian Digestive Physiology (PhD)
- Metabolic Diseases of Poultry (PhD)
- Advanced Biochemistry (MSc)
- Laboratory Tools and Instruments in Animal Science Studies (MSc)

Undergraduate

- Broiler Production
- Poultry Egg Hatching and Incubation
- Buildings and Instruments in Poultry Production and Processing