

❖ Personal Information

Full name: **Javad Rezaei**
Current city: Tehran
Hometown: Falavarjan, Isfahan

Specialty: Animal nutrition, Ruminant nutrition
Academic Status: PhD; Associate Professor
Department: Animal Science

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❖ Educational Background

Degree	University	City/Country	Field	Date
BSc	Bu-Ali Sina Univ.	Hamadan, Iran	Animal Science	2003
MSc	Tarbiat Modares Univ.	Tehran, Iran	Animal Nutrition	2006
PhD	Tarbiat Modares Univ.	Tehran, Iran	Animal Nutrition	2013

MSc Thesis:

The nutritive value and silage characteristics of amaranth forage (*Amaranthus hypochondriacus*)

PhD Dissertation:

Effects of feeding amaranth silage on performance of fattening male lambs and dairy cows

❖ Courses Taught (Teaching Experience)

1. Digestion and Metabolism in Animals, MSc.
2. Vitamins and Minerals in Animal Nutrition, MSc.
3. Advanced Physiology, MSc.
4. Animal Feed Manufacturing and Processing Techniques, MSc
5. Seminar, MSc.
6. Bioenergetics in Animal Nutrition, PhD
7. Fats and Carbohydrates in Animal Nutrition, PhD
8. Metabolic Disorders in Animals, PhD
9. Enzymology in Animal Nutrition, PhD
10. Research Techniques and Methods in Animal Nutrition, PhD

❖ Research Interests:

Animal nutrition, Ruminant nutrition.

1. Feed additives and supplements and different sources of minerals in animal nutrition; 2. Plant metabolites and forage/rangeland plants in animal nutrition

❖ Scientific Referee:

1. Acta Agriculturae Scandinavica, Section A- Animal Science
2. Anais da Academia Brasileira de Ciências
3. Animal Biotechnology
4. Animal Feed Science and Technology

5. Animal Production Science
6. Annals of Animal Science
7. Biological Trace Element Research
8. Canadian Journal of Animal Science
9. Ciência Rural (Universidade Federal de Santa Maria)
10. Iranian Journal of Applied Animal Science (Islamic Azad Univ)
11. Iranian Journal of Veterinary Research (Shiraz Univ)
12. Italian Journal of Animal Science
13. Journal of Agricultural Science and Technology
14. Journal of Animal Physiology and Animal Nutrition
15. Journal of Applied Animal Research
16. Journal of Applied Microbiology
17. Journal of Livestock Science and Technology (Bahonar Univ)
18. Livestock Science
19. Revista Brasileira de Zootecnia (Brazilian J Anim Sci)
20. Small Ruminant Research
21. Veterinary Medicine and Science
22. Iran National Science Foundation (Vice-Presidency for Science and Technology: in Persian)
23. Iranian Journal of Animal Science (Tehran Univ.: in Persian)
24. Journal of Animal Production (Journal of Agriculture), (Tehran Univ.: in Persian)
25. Animal Science Journal (Pajouhesh & Sazandegi; Ministry of Agriculture Jihad: in Persian)
26. Animal Production Research (Gilan Univ.: in Persian)
27. Journal of Ruminant Research (Gorgan Univ.: in Persian)
28. Journal of Animal Science Researches (Agricultural Science), (Tabriz Univ.: in Persian)
29. Saffron Agronomy and Technology (Univ. Torbat-e-Heydarieh: in Persian)

❖ Publications list

Papers Presented in International Journals (In English):

1. **Rezaei, J.**, Rouzbehan, Y., Fazaeli, H. 2009. Nutritive value of fresh and ensiled amaranth (*Amaranthus hypochondriacus*) treated with different levels of molasses. *Animal Feed Science and Technology*. 151, 153–160. [doi:10.1016/j.anifeedsci.2008.12.001](https://doi.org/10.1016/j.anifeedsci.2008.12.001) (May)
2. Abbasi, D., Rouzbehan, Y., **Rezaei, J.** 2012. Effect of harvest date and nitrogen fertilization rate on the nutritive value of amaranth forage (*A. hypochondriacus*). *Animal Feed Science and Technology*. 171, 6–13. [doi:10.1016/j.anifeedsci.2011.09.014](https://doi.org/10.1016/j.anifeedsci.2011.09.014) (January)
3. Azizi-Shotorkhoft, A., **Rezaei, J.**, Fazaeli, H., 2013. The effect of different levels of molasses on the digestibility, rumen parameters and blood metabolites in sheep fed processed broiler litter. *Animal Feed Science and Technology*. 179, 69–76. [doi:10.1016/j.anifeedsci.2012.12.001](https://doi.org/10.1016/j.anifeedsci.2012.12.001) (January)
4. **Rezaei, J.**, Rouzbehan, Y., Fazaeli, H., Zahedifar, M., 2013. Carcass characteristics, non-carcass components and blood parameters of fattening lambs fed on diets containing amaranth silage substituted for corn silage. *Small Ruminant Research*. 114, 225–232. [doi:10.1016/j.smallrumres.2013.06.012](https://doi.org/10.1016/j.smallrumres.2013.06.012) (September)
5. **Rezaei, J.**, Rouzbehan, Y., Fazaeli, H., Zahedifar, M. 2014. Effects of substituting amaranth silage for corn silage on intake, growth performance, diet digestibility, microbial protein, nitrogen retention and ruminal fermentation in fattening lambs. *Animal Feed Science and Technology*. 192, 29–38. [doi:10.1016/j.anifeedsci.2014.03.005](https://doi.org/10.1016/j.anifeedsci.2014.03.005) (June)
6. Azizi-Shotorkhoft, A., **Rezaei, J.**, Papi, N., Fazaeli, H., Mirmohammadi, D. 2015. Effect of feeding heat-processed broiler litter in pellet-form diet on the performance of fattening lambs. *Journal of Applied Animal Research*. 43(2), 184–190. [doi:10.1080/09712119.2014.928636](https://doi.org/10.1080/09712119.2014.928636) (June)
7. Baluch-Gharaei, H., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.** 2015. Effect of deep-stacking broiler litter on pathogenic bacteria, intake, digestibility, microbial protein supply and rumen parameters in sheep. *Animal Feed Science and Technology*. 199, 73–83. [doi:10.1016/j.anifeedsci.2014.11.001](https://doi.org/10.1016/j.anifeedsci.2014.11.001) (January)
8. **Rezaei, J.**, Rouzbehan, Y., Zahedifar, M., Fazaeli, H. 2015. Effects of dietary substitution of maize silage by amaranth silage on feed intake, digestibility, microbial nitrogen, blood parameters, milk production and nitrogen retention in lactating Holstein cows. *Animal Feed Science and Technology*. 202, 32–41. [doi:10.1016/j.anifeedsci.2015.01.016](https://doi.org/10.1016/j.anifeedsci.2015.01.016) (April)

9. Babaeinasab, Y., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.** 2015. Chemical composition, silage fermentation characteristics, and in vitro ruminal fermentation parameters of potato-wheat straw silage treated with molasses and lactic acid bacteria and corn silage. *Journal of Animal Science*. 93, 4377–4386. [doi:10.2527/jas.2015-9082](https://doi.org/10.2527/jas.2015-9082) (September)
10. Karimi Rahjerdi, N., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.** 2015. Chemical composition, fermentation characteristics, digestibility, and degradability of silages from two amaranth varieties (Kharkovskiy and Sem), corn, and an amaranth–corn combination. *Journal of Animal Science*. 93:5781–5790. [doi:10.2527/jas.2015-9494](https://doi.org/10.2527/jas.2015-9494) (December)
11. Imani Rad, M., Rouzbehan, Y., **Rezaei, J.** 2016. Effect of dietary replacement of alfalfa with urea-treated almond hulls on intake, growth, digestibility, microbial nitrogen, nitrogen retention, ruminal fermentation and blood parameters in fattening lambs. *Journal of Animal Science*. 94, 349–358. [doi:10.2527/jas.2015-9437](https://doi.org/10.2527/jas.2015-9437) (January)
12. Azizi-Shotorkhoft, A., Sharifi, A., Mirmohammadi, D., Baluch-Gharaei, H., **Rezaei, J.** 2016. Effects of feeding different levels of corn steep liquor on the performance of fattening lambs. *Journal of Animal Physiology and Animal Nutrition*. 100, 109–117. [doi:10.1111/jpn.12342](https://doi.org/10.1111/jpn.12342) (February)
13. Sarmadi, B., Rouzbehan, Y., **Rezaei, J.** 2015. Influences of growth stage and nitrogen fertilizer on chemical composition, phenolics, in situ degradability and in vitro ruminal variables in amaranth forage. *Animal Feed Science and Technology*. 215, 73–84. [doi:10.1016/j.anifeedsci.2016.03.007](https://doi.org/10.1016/j.anifeedsci.2016.03.007) (May)
14. Rajabi, M., Rouzbehan, Y., **Rezaei, J.** 2017. A strategy to improve nitrogen utilization, reduce environmental impact, and increase performance and antioxidant capacity of fattening lambs using pomegranate peel extract. *Journal of Animal Science*. 95, 499–510. [doi:10.2527/jas2016.1069](https://doi.org/10.2527/jas2016.1069) (February)
15. Tadayon, Z., Rouzbehan, Y., **Rezaei, J.** 2017. Effects of feeding different levels of dried orange pulp and recycled poultry bedding on the performance of fattening lambs. *Journal of Animal Science*. 95, 1751–1765. [doi:10.2527/jas2016.0889](https://doi.org/10.2527/jas2016.0889) (April)
16. Razmkhah, M., **Rezaei, J.**, Fazaeli, H. 2017. Use of Jerusalem artichoke tops silage to replace corn silage in sheep diet. *Animal Feed Science and Technology*. 228, 168–177. [doi:10.1016/j.anifeedsci.2017.04.019](https://doi.org/10.1016/j.anifeedsci.2017.04.019) (June)
17. Sadri, K., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.** 2018. Influence of dietary feeding different levels of mixed potato-wheat straw silage on the diet digestibility and the performance of growing lambs. *Small Ruminant Research*. 159, 84–89. [doi:10.1016/j.smallrumres.2017.11.002](https://doi.org/10.1016/j.smallrumres.2017.11.002) (February)
18. Abbasi, M., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.**, Jacobsen, S.E. 2018. The effect of lactic acid bacteria inoculation, molasses, or wilting on the fermentation quality and nutritive value of amaranth (*Amaranthus hypochondriacus*) silage. *Journal of Animal Science*. 96(9), 3983-3992. <https://doi.org/10.1093/jas/sky257> (June)
19. Khosravi, M., Rouzbehan, Y., Rezaei, M., **Rezaei, J.** 2018. Total replacement of corn silage with sorghum silage improves milk fatty acid profile and antioxidant capacity of Holstein dairy cows. *Journal of Dairy Science*. 101(12), 10953-10961. <https://doi.org/10.3168/jds.2017-14350> (December)
20. Riazi, H., **Rezaei, J.**, Rouzbehan, Y. 2019. Effect of supplementary nano-ZnO on in vitro ruminal fermentation, methane release, antioxidant and microbial biomass. *Turkish Journal of Veterinary and Animal Sciences*. 43(6), 737-746. <https://doi.org/10.3906/vet-1905-48> (December)
21. Roshanzamir, H., **Rezaei, J.**, Fazaeli, H. 2020. Colostrum and milk performance, and blood immunity indices and minerals of Holstein cows receiving organic Mn, Zn and Cu sources. *Animal Nutrition*. 6, 61-68. <https://doi.org/10.1016/j.aninu.2019.08.003> (March)
22. Abdollahi, M., **Rezaei, J.**, Fazaeli, H. 2020. The performance, rumen fermentation, blood minerals, leukocyte and antioxidant capacity of young Holstein calves receiving high-surface ZnO instead of common ZnO. *Archives of Animal Nutrition*. 74(3), 189-205. <https://doi.org/10.1080/1745039X.2019.1690389> (May)
23. Alijani, K., **Rezaei, J.**, Rouzbehan, Y. 2020. Effect of nano-ZnO, compared to ZnO and Zn-methionine, on performance, nutrient status, rumen fermentation, blood enzymes, ferric reducing antioxidant power and immunoglobulin G in sheep. *Animal Feed Science and Technology*. 267, 114532. <https://doi.org/10.1016/j.anifeedsci.2020.114532> (September)
24. Farzinmehr, S., **Rezaei, J.**, Fazaeli, H. 2020. Effect of harvesting frequency and maturity stage of Jerusalem artichoke forage on yield, chemical composition and in vitro fermentation of the tubers and forage. *Spanish Journal of Agricultural Research*. 18(2), e0602. <http://dx.doi.org/10.5424/sjar/2020182-15379> (June)

25. Hosseini Vardanjani, F., **Rezaei, J.**, Karimi Dehkordi, S., Rouzbehan, Y. 2020. Effect of feeding nano-ZnO on performance, rumen fermentation, leukocytes, antioxidant capacity, blood serum enzymes and minerals of ewes. *Small Ruminant Research*. 191, 106170. <https://doi.org/10.1016/j.smallrumres.2020.106170> (October)
26. Partovi, E., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.** 2020. Broccoli byproduct-wheat straw silage as a feed resource for fattening lambs. *Translational Animal Science*. 4(3), txaa078. <https://doi.org/10.1093/tas/txaa078> (July)
27. Shadi, H., Rouzbehan, Y., **Rezaei, J.**, Fazaeli, H. 2020. Yield, chemical composition, fermentation characteristics, in vitro ruminal variables, and degradability of ensiled Amaranth (*Amaranthus hypochondriacus*) cultivars compared to corn (*Zea mays*) silage. *Translational Animal Science*. 4(4), txaa180. <https://doi.org/10.1093/tas/txaa180> (October)
28. Taghipour, M., Rouzbehan, Y., **Rezaei, J.**, 2021. Influence of diets containing different levels of *Salicornia bigelovii* forage on digestibility, ruminal and blood variables and antioxidant capacity of Shall male sheep. *Animal Feed Science and Technology*. 281, 115085. <https://doi.org/10.1016/j.anifeedsci.2021.115085> (November)
29. Sabertanha, E., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.**, 2021. Nutritive value of sorghum silage for sheep. *Journal of Animal Physiology and Animal Nutrition*. 105(6), 1034-1045. <https://doi.org/10.1111/jpn.13548> (November)
- 30.

Papers Presented in National Journals (In Persian):

1. **Rezaei, J.**, Rouzbehan, Y., Fazaeli, H. 2009. An assessment of digestibility and protein quality of the fresh and ensiled amaranth forage according to CNCPS. *Iranian Journal of Animal Science*. 40(3), 31-38. (Autumn)
2. Nemati-Shirzi 1, F., Rouzbehan, Y., Karimi-Torshizi, M.A., **Rezaei, J.** 2012. An Investigation of the effect of some medicinal plants on in vitro ruminal fermentation parameters. *Iranian Journal of Animal Science*. 43(2), 193-206. (Autumn)
3. Zia Abdolzehre, A., Rouzbehan, Y., Hosseini, S.H., **Rezaei, J.** 2012. Effect of different levels of dietary corn and barley grain on growth and performance of Holstein calves. *Iranian Journal of Animal Science*. 43(2), 229-238. (Autumn)
4. Badiiee Baghsiah, M., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.** 2013. Effect of heat-processing on nutritive value and in vitro digestibility of broiler litter. *Iranian Journal of Animal Science*. 44(1), 9-21. (Spring)
5. Hosseini, S.H., Rouzbehan, Y., Aghashahi, A., **Rezaei, J.** 2013. Effect of dietary substituting corn grain with barley grain on performance of early lactating Holstein cows. *Iranian Journal of Animal Science*. 44(2), 197-206. (Summer)
6. Baluch Gharaei, H., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.** 2014. Effect of deep-stacking at different levels of moisture content and at different depths on safety of broiler litter. *Iranian Journal of Animal Science*. 44(4), 405-412. (Winter)
7. Azizi-Shotorkhoft, A., Sharifi, A., Mirmohammadi, D., **Rezaei, J.**, Kiani, A., Fazaeli, H. 2014. Effect of energy source on some hydrolytic enzymes activities in different fractions of rumen liquor and N retention in sheep fed diet containing heat-processed broiler litter. *Journal of Ruminant Research (Gorgan)*. 2(2), 17-37. (Summer)
8. Azizi-Shotorkhoft, A., Papi, N., Fazaeli, H., **Rezaei, J.** 2015. Effect of different levels of processed broiler litter on the feed intake, digestibility, performance, ruminal and blood metabolites in Moghani male lambs. *Iranian Journal of Animal Science*. 45(4), 385-392. (Winter)
9. Hosseini-Vardanjani, S.F., **Rezaei, J.**, Karimi-Dehkordi, S., Rouzbehan, Y. 2019. Effect of different levels of inorganic, nano and organic Zn on Zn absorption, microbial protein, metabolites and immunoglobulins of blood and colostrum in ewes and their lambs. *Animal Production (College of Abouraihan, University of Tehran)*. 20(4), 539-551. (Winter)
10. Shadi, H., Rouzbehan, Y., **Rezaei, J.**, Fazaeli, H. 2019. Nutritive value of amaranth (var. Maria) silage in comparison with corn silage. *Animal Science Journal (Pajouhesh & Sazandegi)*. 121(31), 303-316. (Winter)
11. Roshanzamir, H., **Rezaei, J.**, Fazaeli, H. 2019. Effect of using organic complexes of Mn, Zn and Cu (compound with glycine- or methionine-) instead of sulphate forms (equal to or twice NRC

- recommendation) on health, fertility and blood metabolites of dairy cows and calves. *Animal Production Research* (Gilan). 8(1), 1-15. (Spring)
12. Abdollahi, M., **Rezaei, J.**, Fazaeli, H. 2019. Effect of Zn sources on microbial protein, immunoglobulins (M and A) and blood N parameters of Holstein calves. *Journal of Ruminant Research* (Gorgan). 7(2), 17-32. (Summer)
 13. Hosseini, S.M., **Rezaei, J.**, Rouzbehan, Y. 2020. Chemical composition and effect of *Echinophora sibthorpiana* and *Pulicaria dysenterica* on in vitro ruminal fermentation parameters, methane and antioxidant capacity. *Animal Production* (College of Abouraihan, University of Tehran). 21(4), 461-473. (Winter)
 14. Hosseini, S.M., **Rezaei, J.**, Rouzbehan, Y. 2021. Nutritive value of *Adiantum capillus-veneris* and *Salvia officinalis* L. forages and effect of their dietary levels on in vitro digestibility, methane production, antioxidant capacity and fermentation parameters. *Animal Production Research* (Gilan). Accepted (Summer)
 15. -

Refereed National Conference Proceedings

1. **Rezaei, J.**, Rouzbehan, Y., Fazaeli, H. 2005. Determination of nutritive value of fresh and ensiled amaranth in animal nutrition. pp. 116. *Fourth Conference on Agricultural Research*. 23-25 November, Ferdowsi University of Mashhad, Mashhad, Iran.
2. **Rezaei, J.**, Rouzbehan, Y. 2005. Amaranth as a new food resource in human and animal nutrition. pp. 164-165. *Fourth Conference on Agricultural Research*. 23-25 November, Ferdowsi University of Mashhad, Mashhad, Iran.
3. **Rezaei, J.**, Rouzbehan, Y. 2009. Low-fat milk syndrome in dairy cows. pp. 61-62. *Proceeding of The First National Congress on Nutrition and Metabolic Diseases in cow*. 3-4 March, University of Birjand, Birjand, Iran.
4. **Rezaei, J.**, Rouzbehan, Y. 2009. Determination of chemical composition and digestibility of cacao by-product. pp. 178-179. *Proceeding of The First National Congress on Nutrition and Metabolic Diseases in cow*. 3-4 March, University of Birjand, Birjand, Iran.
5. Lotfi Noghabi, R., Farhangfar, H., Bashteni, M., **Rezaei, J.** 2010. Stress effect of calving and production seasons on negative energy balance in early lactating Holstein cow. pp. 4. *The First National Conference of Environmental stresses in Agricultural Sciences*. 28-29 Jan, University of Birjand, Birjand, Iran.
6. Abbasi, D., Rouzbehan, Y., **Rezaei, J.** 2010. Effect of harvest date on chemical composition of amaranth forage (*Amaranthus hypochondriacus*). pp. 272. *The Fourth Regional Conference on Agricultural Research (West Country)*. May 2010. University of Kurdistan, Kurdistan, Iran.
7. Khosravi-Alghar, R., Rouzbehan, Y., Fazaeli, H., **Rezaei, J.** 2014. Effect of physical form of diet on feed intake, and milk production and quality in Holstein lactating dairy cows. The 6th Iranian Congress on Animal Science. 27-28 August. Tabriz University. Tabriz, Iran.
8. Sarmadi, B., Rouzbehan, Y., **Rezaei, J.** 2014. Effect of nitrogen fertilizer level on chemical composition and protein degradability of forage amaranth. pp. 3133-3137. The 1st National Congress on Food Safety: Production, Processing, Consumption. 15-16 October, Islamic Azad University: Karaj branch, Karaj, Iran.
9. Sarmadi, B., Rouzbehan, Y., **Rezaei, J.** 2014. Effect of harvest date on chemical composition and in vitro fermentation parameters in forage amaranth. pp. 3138-3143. The 1st National Congress on Food Safety: Production, Processing, Consumption. 15-16 October, Islamic Azad University: Karaj branch, Karaj, Iran.
10. Imani Rad, M., Rouzbehan, Y., **Rezaei, J.** 2015. The effect of feeding almond hulls treated with urea on feed intake, growth performance and cost of diet in fattening Shall lambs. 1st Agriculture & Development Conference. 7 March 2015, Talash Conference Center, Tehran, Iran.
11. Imani Rad, M., Rouzbehan, Y., **Rezaei, J.** 2015. Chemical composition of almond hulls treated with urea and the effect of feeding it on the ruminal protozoa population in lamb. 1st Agriculture & Development Conference. 7 March 2015, Talash Conference Center, Tehran, Iran.
12. Akbari-Alaei, M., **Rezaei, J.**, Rouzbehan, Y., Ashkvari, A.R. 2018. Effect of zinc oxide and nano zinc oxide supplements of diet on the true degraded substrate, organic matter digestibility and metabolizable energy by in vitro method. The 2nd National Congress on Advanced Research in Animal Sciences. 11-12 April, University of Birjand, Birjand.
13. Akbari-Alaei, M., **Rezaei, J.**, Rouzbehan, Y., Ashkvari, A.R. 2018. Effect of zinc oxide and nano zinc oxide on some rumen fermentation parameters in vitro method. The 2nd National Congress on Advanced Research in Animal Sciences. 11-12 April, University of Birjand, Birjand.

14. Ashkvari, A.R., **Rezaei, J.**, Fazaeli, H., Akbari-Alaei, M. 2018. Effect of Bacillus and yeast supplements on some in vitro ruminal fermentation parameters. The 2nd International Conference on Applied Research in Agricultural, Natural Resources and Environment. 26 April, Hamadan.
15. Ashkvari, A.R., **Rezaei, J.**, Fazaeli, H., Akbari-Alaei, M. 2018. Effect of Bacillus and yeast supplements on truly degraded substrate, OMD and ME by in vitro method. The 2nd International Conference on Applied Research in Agricultural, Natural Resources and Environment. 26 April, Hamadan.
16. Akbari-Alaei, M., **Rezaei, J.**, Rouzbehan, Y. 2018. Effect of ZnO and nano-ZnO on in vitro ammonia-N, microbial protein and degraded substrate. The 8th Iranian Animal Science Congress. 28-29 August, University of Kordestan, Sanandaj.
17. Ashkvari, A.R., **Rezaei, J.**, Fazaeli, H., Dehghan, S.A. 2018. Effects of lactobacillus and yeast on in vitro digestibility, truly degraded substrate and methane production. The 8th Iranian Animal Science Congress. 28-29 August, University of Kordestan, Sanandaj.
18. Alijani, K., **Rezaei, J.**, Rouzbehan, Y. 2018. Effect of nano zinc oxide on ruminal protozoa, pH and ammonia concentration in rumen fluid sheep. The 8th Iranian Animal Science Congress. 28-29 August, University of Kordestan, Sanandaj.
19. Hosseini-Vardanjani, S.F., **Rezaei, J.**, Karimi-Dehkordi, S., Rouzbehan, Y. 2018. Effect of pre- and post-partum feeding different level of nano-zno on feed intake and diet digestibility in ewe. The 8th Iranian Animal Science Congress. 28-29 August, University of Kordestan, Sanandaj.
20. Hosseini-Vardanjani, S.F., **Rezaei, J.**, Karimi-Dehkordi, S. 2018. Effect of feeding different levels of nano ZnO instead of ZnO on Immunoglobulins and blood cells counts in pre- and post- partum ewe. The 12th Iranian Veterinary Student Congress. 4-5 September, Semnan University, Semnan.

M.Sc. Thesis Supervised:

1. Razmkhah, M. 2016. Effect of feeding Jerusalem artichoke silage on feed intake, digestibility, microbial nitrogen, and rumen and blood parameters in sheep. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (February)
2. Roshanzamir, H. 2016. Effects of organic or inorganic sources of Mn, Zn and Cu on performance, health status and fertility in dairy cows. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (September)
3. Hosseini, S.F. 2017. Effect of pre- and post-partum feeding zinc oxide, zinc-methionine and nano-zinc oxide, equal to or higher than NRC guideline, on ewe and lamb performance. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (July)
4. Farzinmehr, S. 2017. Effect of harvesting frequency on chemical composition, degradability, digestibility and in vitro fermentation of Jerusalem artichoke forage and tubers. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (July)
5. Abdollahi, M. 2017. Effect of feeding different levels of zinc oxide, zinc-methionine and nano-zinc oxide on the performance, health status and immunity of calf. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (July)
6. Alijani, K. 2018. Effect of inorganic, nano and organic sources of zinc on mineral absorption and retention, rumen fermentation and blood parameters in sheep. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (September)
7. Riazi, H. 2018. Effect of different levels of ZnO and nano-ZnO on digestibility, ruminal fermentation parameters and antioxidant capacity by in vitro method. Effect of different levels of ZnO and nano-ZnO on digestibility, ruminal fermentation parameters and antioxidant capacity by in vitro method. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (September)
8. Hosseini, S.M. 2018. Chemical analysis and digestibility of some pasture fodders and their effects on in vitro ruminal fermentation parameters. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (October)
9. Ashkvari, A.R. 2019. Feed additives. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (February)
10. Akbari Alaei, M. 2019. Minerals. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (February)
11. Akbari-Shooshood, M. 2019. Rangeland plants. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (September)
12. Bagherpour, Z. 2019. Feed additives. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (September)
13. Emadianfar, H. 2019. Feed additives. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. (September)

14. Hosseini, S.R. Feed additives. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
15. Moghani Ananlou, M. Feed additives (Plant metabolites). Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
16. Khaksar, E. Rangeland plants. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
17. Amoei, Kh. Feed additives (Plant metabolites). Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
18. Aboutaleb Yazdi, M.R. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
19. Farahani, A.R. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
20. Mousavizadeh, F. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
- 21.

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MSc. Thesis Advised:

1. Abbasi, D. 2010. Effects of different harvest dates and nitrogen rate on nutritive value of amaranth forage (*Amaranthus hypocondriacus*). Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
2. Sarmadi, B. 2015. Effect of harvest date and nitrogen fertilization rate in amaranth forage on the degradability, anti-nutrients and rumen parameters. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
3. Imani Rad, M. 2015. Effect of replacing alfalfa with urea-treated almond hulls on the performance of shall fattening lambs. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
4. Rajabi, M. 2015. Effect of adding different levels of pomegranate peel extract in diet on the performance of fattening lambs. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
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Ph.D. Dissertation Supervised:

1. Sirjani, M.H. Feed additives. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
2. Akbari-Shooshood, M. Feed additives (Plant metabolites). Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran.
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Ph.D. Dissertation Advised:

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4. Sarhadi, N. Forages. Dept. of Cultivation, Tarbiat Modares Univ., Tehran, Iran.
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