

### **❖ Personal Information**

Full name:	<b>Javad Rezaei</b>
Current city:	Tehran
Hometown:	Falavarjan, Isfahan
Specialty:	Animal nutrition, Ruminant nutrition
Academic Status:	PhD; Assistant Professor
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### **❖ Educational Background**

Degree	University	City/Country	Field	Date	GPA
BSc	Bu-Ali Sina Univ.	Hamadan, Iran	Animal Science	04-02-2003	16.73
MSc	Tarbiat Modares Univ.	Tehran, Iran	Animal Nutrition	26-04-2006	17.99
PhD	Tarbiat Modares Univ.	Tehran, Iran	Animal Nutrition	22-09-2013	18.51

#### **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, MSc.
2. Vitamins and Minerals, MSc.
3. Advanced Physiology 1, MSc.

### **❖ Scientific Referee:**

1. Iranian Journal of Animal Science (Tehran Univ.)
2. Journal of Animal Production (Journal of Agriculture), (Tehran Univ.)
3. Animal Science Journal (Pajouhesh & Sazandegi; Ministry of Agriculture Jihad)
4. Journal of Ruminant Research (Gorgan Univ.)
5. Animal Production Research (Gilan Univ.)
6. Journal of Animal Science Researches (Agricultural Science), (Tabriz Univ.)
7. Iran National Science Foundation (Vice-Presidency for Science and Technology)
8. Iranian Journal of Veterinary Research (Shiraz Univ.)
9. Ciência Rural (Universidade Federal de Santa Maria)

❖ **Research Interests:**

Animal nutrition, Ruminant nutrition.

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❖ **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) (Jun)
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)
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#### **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. (Fall)
  2. Nemati-Shirzi1, 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. (Fall)
  3. Zia Abdolzohre, 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. (Fall)
  4. Badiie 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 conternt 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*. 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)
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#### **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 Kurdestan, Kurdestan, 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 6<sup>th</sup> 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.
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#### **M.Sc. Thesis Supervised/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. July. (**Advisor**)
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. January. (**Advisor**)
3. Imani Rad, M. 2015. Effect of replacing alfalfa with urea-treated almond hulls on the performance of Shal fattening lambs. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. May. (**Advisor**)
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 (**Advisor**)

5. Tadayon Sheikh Ahmad, Z. 2015. Effects of feeding different levels of dried orange pulp and poultry litter on the performance of male fattening lambs. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran (**Advisor**)
  6. Razmkhah, M. 2015. 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 (**Supervisor**)
  7. Babaei, A. 2015. Dept. of Anim. Sci., Gorgan Univ. of Agric. Sci. and Natural Resources, Gorgan, Iran (**Advisor**)
  8. Roshanzamir, H. 2016. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran. December. (**Supervisor**)
  9. Hosseini, S.F. 2017. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran (**Supervisor**)
  10. Farzinmehr, S. 2017. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran (**Supervisor**)
  11. Abdollahi, M. 2017. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran (**Supervisor**)
  12. Abbasi, M. 2017. Dept. of Anim. Sci., Tarbiat Modares Univ., Tehran, Iran (**Advisor**)
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