

Curriculum Vitae

Personal Information

- **Full Name:** Rasoul Vaez Torshizi
- **Date of Birth:** July 30, 1960
- **Place of Birth:** Shirvan, Iran
- **Field of Study:** Animal Science **Specialization:** Genetics and Animal Breeding
- **Current Position:** Department of Animal Science, Faculty of Agriculture, Tarbiat Modares University, Tehran, Iran
- **Postal Address:** Faculty of Agriculture, Tarbiat Modares University, Tehran, Iran
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1. Academic Degrees

Degree	Field	Institution	Year	Thesis Title
Ph.D.	Animal Science	University of Sydney, Australia	1996	Quantitative Genetic Analysis of Production and Reproductive Traits in Australian Merino Sheep
M.Sc.	Animal Science	Tarbiat Modares University	1990	Estimation of Genetic Parameters of Growth Traits in Baluchi Sheep
B.Sc.	Animal Science	Ferdowsi University of Mashhad	1986	—

2. Academic Ranks

Academic Rank	University	Period	Promotion rank
Professor	—	—	—
Associate Professor	Tarbiat Modares University	2010	40
Assistant Professor	Tarbiat Modares University	1997–2010	20

3. Scientific Works

- **Domestic journal articles:** 69
- **International journal articles:** 77 (Q1: 30, Q2: 15, Q3: 15, Q4: 5, Others: 12)
- **Conference papers (domestic):** 111
- **Conference papers (international):** 33

Citations:

- Scopus: 711 citations, h-index: 17
- Google Scholar: 1737 citations, h-index: 23

Research Projects: 8 projects and 1 patent

4. Awards & Honors

- National scientific awards (details attached)
- International scientific awards (details attached)

5. Administrative & Academic Responsibilities

- Head, Department of Animal Science (1991–2008, 2014)
- Vice Dean for Education, Faculty of Agriculture (2014–2018)
- Dean, Faculty of Agriculture (2018–2021)
- Secretary of Promotion Committee, Faculty of Agriculture (2013–2018)
- Member of Strategic Committee, Faculty of Agriculture (2013–2018)
- Member of University Technology Steering Council (2018–2021)
- Member of Comprehensive Educational Planning Commission (2014–2018)
- Member of the Subcommittee on Animal Genetics and Breeding, Animal Science Research Institute of Iran, 2001–2005
- Advisor, National Animal Breeding Center (1998–2006)
- Member of Agricultural Sciences Committee, National Elites Foundation (2011–2014)
- Secretary of the National Conference of Deans of Faculties of Agriculture and Natural Resources, 2018–2021
- Member of Supreme Council of Animal Breeding, Iran (2022)
- Advisor, Aryan Line Poultry Project (1998–2000)
- Chair of Genetics & Breeding Committee, Aryan Line Poultry Project (2019)
- Member of Agricultural Sciences Specialized Committee, Ministry of Science (2014–2017)
- Head of the Specialized Committee on Animal Sciences, Agricultural and Natural Resources Engineering Group, Office of Higher Education Planning, 2015–2017
- Invited Member, Academy of Sciences of Iran (2011–2022)
- Associate Member of Academy of Sciences of Iran (2022–present)

6. Memberships & Editorial Boards

- Board Member, Iranian Society of Animal Science (2005–2008, 2008–2011, 2015–2018)
- Scientific Committee Member, Agricultural & Entrepreneurship Conference, Tarbiat Modares University

- Scientific Committee Member, Iranian Animal Science Congress
- Scientific Committee Member, Iranian Genetics Congress
- Editorial Board Member, Iranian Journal of Animal Science (since 2011)
- Editor-in-Chief, JAST (2019–2021)

7. Academic Contributions in National Academies

- Poultry Breeding in Iran: Past, Present and Future, The Academy of Sciences of the I.R. of Iran, 2016
- “Comparison of Sheep and Goat Breeding in Iran and Worldwide”, The Academy of Sciences of the I.R. of Iran, 2017
- “Evaluation of Iranian Scientific Journals in Animal Science”, Strategic Research in Agriculture & Natural Resources, 2019

8. Supervision of Students

- **Ph.D. students:** 24 supervised (21 completed, 3 ongoing);
17 advised (13 completed, 4 ongoing)
- **M.Sc. students:** 55 supervised (52 completed, 3 ongoing);
22 advised (17 completed, 5 ongoing)

9. Researcher IDs

Orcid Id	http://orcid.org/0000-0003-2781-7558
Researcher Id	http://www.webofscience.com/LMP-0678-2024
Scopus Author Id	http://www.scopus.com/authid/detail.uri?authorId=25650785800
Google Scholar Id	http://scholar.google.com/citations?user=https://scholar.google.com/citations?user=s1m-FX0A&hl=en
Researchgate Id	http://www.researchgate.net/profile/https://www.researchgate.net/profile/R-Torshizi

10. Collaborations

- **International:**
- **Domestic:** Tehran University, Isfahan University of Technology, Animal Science Research Institute of Iran
- **Applied Institutions:** National Animal Breeding Center and Promotion of Animal Products, Ministry of Agriculture, Biotechnology, Health, and Medical Technologies Development Headquarters, Vice-Presidency for Science and Technology

Appendices

Articles published in reputable domestic scientific journals

- Vaez Torshizi, R.; Emamjomeh, N.; Nikkhah, A.; Hejazi, M. 1993. Effect of environmental factors on pre-weaning traits and genetic parameters of these traits in Baluchi sheep flock. *Iranian Journal of Agricultural Science*, 23(2), 33–42.
- Emami Meybodi, M.A.; Tarkaman Zehi, A.; Emamjomeh Kashan, N.; Rahimi, Sh.; Gharehdaghi, A.A.; Vaez Torshizi, R. 1999. Relationship between ewe weight at mating and reproductive performance in Baluchi sheep under traditional conditions. *Journal of Agricultural Science*, 30(4), 673–684.
- Rashidi, A.; Emamjomeh Kashan, N.; Miraei Ashtiani, S.R.; Rahimi, Sh.; Vaez Torshizi, R. 2000. Estimation of variance–covariance components and genetic parameters of body weight traits in Markhoz goats. *Iranian Journal of Agricultural Science*, 31(3), 455–462.
- Rahimi, Sh.; Alipour, D.; Gerami, A.; Vaez Torshizi, R. 2001. Evaluation and comparison of natural mating and artificial insemination in breeder hens. *Journal of Veterinary Research*, 56(4), 5–8.
- Emami Meybodi, M.A.; Tarkamanzehi, A.; Vaez Torshizi, R.; Khani Sanij, M.H. 2001. Reproductive traits and genetic parameters of some growth traits in a Baluchi sheep flock in Yazd province. *Pajouhesh and Sazandegi*, 51, 12–16.
- Eskandari Nesab, M.P.; Soleimani Izadi, M.; Vaez Torshizi, R. 2002. Estimation of genetic parameters of body weights in Baluchi sheep: variance components and single-trait analysis. *Journal of Agricultural Sciences and Natural Resources*, 9(2), 169–178.
- Safi Jahanshahi, A.; Vaez Torshizi, R.; Emamjomeh Kashan, N.; Sayyadnejad, M.B. 2003. Estimation of genetic parameters of milk production traits in Iranian Holstein cows using different animal models. *Iranian Journal of Agricultural Science*, 34(1), 177–186.
- Rahimi, Sh.; Mohit, A.; Vaez Torshizi, R.; Hassanzadeh, M.; Kamali, M.A.; Karimi Tarshizi, M.A. 2003. Effects of strain and nutrition on T3 and T4 hormone levels and hematocrit in Aryan broiler chicks and their relationship with ascites syndrome. *Pajouhesh and Sazandegi*, 61, 92–98.
- Shadparvar, A.; Nikbin, A.; Vaez Torshizi, R.; Sayyadnejad, M.B. 2004. Prediction of longevity in Iranian Holstein cows. *Journal of Agricultural Sciences*, 1(3), 53–60.
- Vatankhah, M.; Moradi Shahrababak, M.; Nejati Jowarmi, A.; Miraei Ashtiani, S.R.; Vaez Torshizi, R. 2004. Relationship between body and tail measurements with live weight, hot carcass weight, and hot carcass weight without tail in Lori-Bakhtiari sheep. *Pajouhesh and Sazandegi*, 65, 66–74.
- Fathi, A.; Vaez Torshizi, R.; Emamjomeh, N. 2005. Effect of maternal factors on productive and reproductive traits in a commercial broiler line. *Pajouhesh and Sazandegi*, 67, 12–16.
- Rashidi, A.; Ramazanian, M.; Vaez Torshizi, R. 2005. Estimation of genetic and environmental trends of productive traits in Markhoz goats. *Iranian Journal of Agricultural Science*, 36(5), 1123–1130.
- Javanrooh, A.; Esmaeil Khaniyan, S.; Dinparast, N.; Vaez Torshizi, R. 2005. Genetic diversity of six native goat populations in Iran using RAPD markers. *Pajouhesh and Sazandegi*, 63, 12–17.
- Abbasi, M.A.; Vaez Torshizi, R.; Nejati Javaremi, A.; Osfouri, R. 2005. Estimation of genetic parameters of body weight traits using random regression models in Baluchi sheep at Abbasabad station. *Pajouhesh and Sazandegi*, 65, 75–80.

- Vatankhah, M.; Moradi Shahrababak, M.; Nejati Javaremi, A.; Miraei Ashtiani, S.R.; Vaez Torshizi, R. 2005. Phenotypic and genetic characteristics of growth traits in Lori-Bakhtiari lambs. *Iranian Journal of Agricultural Science*, 36(6), 1455–1463.
- Vatankhah, M.; Moradi Shahrababak, M.; Nejati Javaremi, A.; Miraei Ashtiani, S.R.; Vaez Torshizi, R. 2005. Estimation of growth trait parameters in some Iranian sheep breeds. *Pajouhesh and Sazandegi*, 69, 19–28.
- Salehi, A.R.; Gharaveisi, Sh.A.; Vaez Torshizi, R. 2006. Cytoplasmic inheritance of reproductive traits in Baluchi sheep. *Pajouhesh and Sazandegi*, 73, 188–195.
- Vatankhah, M.; Moradi Shahrababak, M.; Nejati Javaremi, A.; Miraei Ashtiani, S.R.; Vaez Torshizi, R. 2006. Study of external dimensions of tail and their relationship with tail weight in Lori-Bakhtiari sheep. *Journal of Agricultural Sciences and Natural Resources*, 10(3), 445–455.
- Gholamhosseini, K.; Vaez Torshizi, R.; Vatankhah, M. 2006. Estimation of genetic parameters of total weaning weight of lambs per ewe mated in Lori-Bakhtiari sheep. *Iranian Journal of Agricultural Science*, 37(1), 73–82.
- Vatankhah, M.; Moradi Shahrababak, M.; Nejati Javaremi, A.; Miraei Ashtiani, S.R.; Vaez Torshizi, R. 2006. Phenotypic and genetic characteristics of ewe traits in Lori-Bakhtiari sheep. *Iranian Journal of Agricultural Science*, 37(6), 1049–1057.
- Hemmati, M.; Zare' Shahneh, A.; Vaez Torshizi, R. 2006. Investigation of some factors affecting reproductive performance in Holstein cows of Iran. *Iranian Journal of Agricultural Science*, 37(5), 831–837.
- Nikbin, S.; Vaez Torshizi, R.; Mirhosseini, S.Z. 2006. Estimation of genetic parameters of productive and reproductive traits in native chickens of Fars province using sire, dam, and animal models. *Journal of Agricultural Knowledge*, 16(3), 219–225.
- Barazandeh, A.; Vaez Torshizi, R.; Safi Jahanshahi, A. 2007. Estimation of genetic parameters of pre-weaning growth traits in Kermani sheep. *Scientific-Research Journal of Agricultural Sciences*, 13(3), 249–255.
- Nemati, M.H.; Shariatmadari, F.; Vaez Torshizi, R. 2007. Effect of different levels of vegetable fat on performance of broiler chickens during growing and finishing periods. *Pajouhesh and Sazandegi*, 74, 53–57.
- Farzin, N.; Vaez Torshizi, R.; Emamjomeh Kashan, N. 2007. Estimation of genetic parameters of egg weight, yolk weight, and its composition in a broiler breeder flock. *Modern Genetics*, 3, 25–30.
- Naderi, Y.; Vaez Torshizi, R.; Hafezian, S.H.; Rahimi, G. 2007. Effect of maternal factors on growth traits in Moghani sheep. *Iranian Journal of Agricultural Science*, 38(2), 233–239.
- Abbasi, M.A.; Nejati Javaremi, A.; Vaez Torshizi, R.; Osfouri R. 2007. Determination of appropriate breeding program for Baluchi sheep. *Pajouhesh and Sazandegi*, 76, 138–142.
- Tohidi, R.; Vaez Torshizi, R.; Moradi Shahrababak, M.; Sayyadnejad, M.B. 2008. Inbreeding trend in Iranian Holstein cattle population. *Iranian Journal of Animal Science*, 39(1), 75–81.
- Rajai Arbab, M.A.; Omrani, H.; Amirinia, S.; Vaez Torshizi, R.; Nejati Javaremi, A.; Esmaeil Khanian, S.; Mirhadi, A. (2008). Polymorphism study of several microsatellite loci in Japanese quail. *Iranian Journal of Animal Science*, 39(1), 129–135.
- Bagheri, M.; Moradi Shahrababak, M.; Vaez Torshizi, R. 2008. Estimation of genetic parameters of composite reproductive traits in Baluchi ewes. *Iranian Journal of Animal Science*, 39(1), 67–73.

- Seraj, A.; Vaez Torshizi, R.; Nejati Javaremi, A. 2008. Effect of maternal factors on productive and reproductive traits in Iranian native chickens. *Iranian Journal of Agricultural Science*, 38(2), 538–543.
- Dadian, A.; Vaez Torshizi, R.; Rokouei, M.; Sayyadnejad, M.B. 2008. Estimation of genetic parameters of growth and composite reproductive traits in Zandi sheep. *Iranian Journal of Agricultural Science*, 39(1), 139–147.
- Abbasi, M.A.; Vaez Torshizi, R. 2008. Effect of common maternal factors on genetic parameters of body weight at different ages in Baluchi lambs. *Journal of Agricultural Sciences and Natural Resources*, 18(1), 39–46.
- Zahedi, Z.; Esmail Khanian, S.; Vaez Torshizi, R. 2008. Polymorphism study of 12 microsatellite markers in Baluchi sheep at Abbasabad station, Mashhad. *Pajouhesh and Sazandegi*, 78, 39–46.
- Ghorbani, H.; Vaez Torshizi, R.; Emamjomeh Kashan, N. 2009. Relationship between maternal breeding value for chick weight at one day of age and quantitative and qualitative egg traits in a commercial broiler line. *Iranian Journal of Animal Science*, 40(1), 1–6.
- Razban, V.; Esmail Khanian, S.; Vaez Torshizi, R. 2009. Study of polymorphism of 17 microsatellite markers in Baluchi sheep population. *Iranian Journal of Animal Science*, 40(3), 11–17.
- Vatankhah, M.; Moradi Shahrabak, M.; Nejati Javaremi, A.; Miraei Ashtiani, S.R.; Vaez Torshizi, R. 2009. Determination of breeding objectives and economic weights in Lori-Bakhtiari sheep under village system. *Pajouhesh and Sazandegi*, 22(1), 17–25.
- Jozi Shakalgorani, S.; Shadparvar, A.; Vaez Torshizi, R.; Moradi Shahrabak, M. 2010. Age distribution and generation interval in different selection paths of Iranian Holstein cattle. *Iranian Journal of Animal Science*, 41(3), 223–229.
- Seraj, A.; Vaez Torshizi, R.; Pakdel, A. 2010. Effect of fitting different animal models on estimation of genetic parameters of chick weight at one day of age. *Iranian Journal of Animal Science*, 41(4), 363–371.
- Rahmani, M.; Karimi Torshizi, M.A.; Vaez Torshizi, R. 2010. Effect of different lighting programs on performance indices, carcass traits, and production cost in Aryan broiler chickens. *Iranian Journal of Animal Science Research*, 3(3), 220–228.
- Rokouei, M.; Vaez Torshizi, R.; Moradi Shahrabak, M.; Sargolzaei, M. 2011. Effect of inbreeding on genetic parameters of productive and reproductive traits and breeding value trends in Iranian Holstein cattle. *Iranian Journal of Animal Science*, 42(1), 1–10.
- Masoudi, A.A.; Moridi, M.; Ahmadpanah, J.; Vaez Torshizi, R. 2011. Molecular evolutionary study and classification of Hsp70 heat shock protein gene family in cattle. *Iranian Journal of Animal Science*, 42(2), 179–187.
- Naghous, M.; Pakdel, A.; Vaez Torshizi, R. 2011. Changes in blood parameters, hematocrit percentage, and internal organ weights under ascites induction in broiler chickens. *Iranian Journal of Animal Science Research*, 3(4), 369–375.
- Ahmadpanah, J.; Vaez Torshizi, R. 2012. Effect of maternal factors on genetic parameters of performance traits in a commercial broiler dam line. *Iranian Journal of Animal Science*, 43(1), 113–122.
- Moridi, M.; Masoudi, A.A.; Vaez Torshizi, R. 2012. Genetic structure of Iranian native horses using mitochondrial D-loop sequences. *Iranian Journal of Animal Science*, 43(2), 172–182.

- Rahmani, M.; Karimi Torshizi, M.A.; Vaez Torshizi, R. 2012. Effect of lighting programs on cellular and humoral immune responses in Aryan broiler chickens. *Iranian Journal of Animal Science*, 43(3), 297–305.
- Naghous, M.; Pakdel, A.; Vaez Torshizi, R. 2012. Growth pattern study in sire lines of Aryan broiler chickens. *Iranian Journal of Animal Science Research*, 4(1), 78.
- Safari Aliqiarloo, A.; Vaez Torshizi, R.; Pakdel, A. 2013. Mathematical functions describing egg production curve in a commercial broiler dam line. *Iranian Journal of Animal Science*, 43(4), 505–512.
- Khalkhali, R.; Vaez Torshizi, R.; Masoudi, A.A. 2013. Pedigree structure of some Iranian Holstein herds and its effect on inbreeding. *Iranian Journal of Animal Science*, 44(2), 149–155.
- Maghsoudi, A.; Vaez Torshizi, R.; Masoudi, A.A.; Karimi Tarshizi, M.A. 2013. Sexual dimorphism in cellular and blood immune responses in Aryan commercial and West Azerbaijan native chickens. *Iranian Journal of Animal Science*, 44(2), 149–155.
- Alizadeh, M.; Masoudi, A.A.; Vaez Torshizi, R.; Elhiyar Khorasani, D. 2013. Genetic structure of Iranian native dogs using mitochondrial genome information. *Journal of Agricultural Biotechnology*, 5(4), 67–82.
- Morammasi, S.; Masoudi, A.A.; Vaez Torshizi, R.; Pakdel, A. 2014. Differential expression of glucose transporter gene (GLUT1) at different physiological stages in mammary glands of Adani goats. *Journal of Agricultural Biotechnology*, 6(4), 159–173.
- Montazeri, M.; Masoudi, A.A.; Vaez Torshizi, R.; Elhiyar Khorasani, D. 2014. Assignment of individuals to populations of Iranian native dogs using microsatellite markers. *Journal of Agricultural Biotechnology*, 6(2), 177–188.
- Askari Hemmat, H.; Shadparvar, A.; Miraei Ashtiani, S.R.; Vaez Torshizi, R. 2014. Factors affecting results of two-stage selection in open nucleus breeding schemes. *Animal Production Research*, 3(4), 49–62.
- Farhadi, S.; Masoudi, A.A.; Vaez Torshizi, R. 2015. Structure of TLR4 gene in two chicken strains: Aryan commercial and West Azerbaijan native. *Journal of Animal Production*, 17(1), 9–18.
- Alizadeh, M.; Masoudi, A.A.; Vaez Torshizi, R. 2015. Chromosomal karyotype of some Iranian native dog populations. *Journal of Agricultural Biotechnology*, 7(3), 175–190.
- Kamali Sangani, A.; Masoudi, A.A.; Vaez Torshizi, R.; Sharifinia, M. 2016. Effect of fertility level and semen diluter on reproductive traits of Iranian native and Aryan roosters. *Journal of Animal Production*, 18(3), 583–591.
- Javanrouh Aliabad, A.; Vaez Torshizi, R.; Masoudi, A.A.; Ehsani, A. 2016. Genome-wide scan of meat quality traits in F2 population derived from West Azerbaijan native chickens and Aryan broiler strain. *Journal of Animal Production*, 18(4), 697–709.
- Askari Hemmat, H.; Shadparvar, A.; Miraei Ashtiani, S.R.; Vaez Torshizi, R. 2016. Simulation of optimal open nucleus breeding schemes to improve growth and carcass composition traits in Lori-Bakhtiari lambs. *Animal Production Research*, 7(13), 143–152.
- Omrani, H.; Vaez Torshizi, R.; Masoudi, A.A.; Ehsani, A. 2017. Genome-wide scan of ascites syndrome in F2 population derived from West Azerbaijan native chickens and Aryan broiler strain. *Journal of Animal Production*, 19(1), 33–45.
- Maghsoudi, A.; Vaez Torshizi, R.; Masoudi, A.A.; Karimi Tarshizi, M.A. 2017. Comparison of immune system performance in Aryan, West Azerbaijan native, their crossbreds, and Ross strains. *Journal of Animal Production*, 19(2), 265–280.

- Soleimani, H.; Vaez Torshizi, R.; Eskandari Nasab, M.P.; Miraei Ashtiani, S.R. 2017. Estimation of genetic parameters of egg quality traits in Mazandaran native chickens. *Iranian Journal of Animal Science*, 48(1), 61–67.
- Sefidbakht, N.; Nikkhah, A.; Vaez Torshizi, R.; Zamiri, M.J.; Zaghari, M.; Moradi Shahrababak, M. 2019. Evaluation of quality of Iranian scientific journals in animal sciences. *Strategic Research in Agricultural Sciences and Natural Resources*, 4(1), 41–48.
- Shariati Gazgazareh, P.; Masoudi, A.A.; Vaez Torshizi, R.; Ehsani, A.; Mousavian, Z. 2020. Transcriptome profile of ovarian tissue in Shal ewes using RNA-Seq data. *Journal of Animal Production*, 22(2), 199–209.
- Afrzandeh, M.R.; Abdollahi Arpanahi, R.; Abbasi, M.A.; Emamjomeh Kashan, N.; Vaez Torshizi, R. 2022. Genotype by environment interaction effects on productive traits in Iranian Holstein cows. *Iranian Journal of Animal Science*, 53(2), 119–126.
- Asgari, Z.; Ehsani, A.; Masoudi, A.A.; Vaez Torshizi, R. 2024. Genome-wide association study for candidate genes in early growth stages of chickens. *Iranian Journal of Animal Science*, 55(4), 651–664.
- Asgari, Z.; Ehsani, A.; Masoudi, A.A.; Vaez Torshizi, R. 2025. Bayesian statistical approach to identify genetic factors affecting body weight at final growth stages in a broiler crossbred population. *Iranian Journal of Animal Science*, 56(2), 301–315.
- Sheikhol Eslami, S.M.A.; Masoudi, A.A.; Ehsani, A.; Vaez Torshizi, R. 2025. Meta-analysis of genetic parameters of economic traits in Iranian native sheep. *Journal of Animal Production*, 27(3), 235–254.
- Gorgani Firoozjah, N.; Vaez Torshizi, R.; Ehsani, A.; Masoudi, A.A.; Davoodi, P.; Bani Saadat, H. 2025. Efficiency of genotyping technology through sequencing compared with SNP arrays in an F2 chicken population. *Iranian Journal of Animal Science*, 55(4), 693–711.

Articles published in reputable international scientific journals

- Vaez Torshizi, R., F.W. Nicholas and H.W. Raadsma. 1996. REML estimates of variance and covariance components for production traits in Australian Merino sheep, using an animal model 1. Body weight from birth to 22 months. *Australian Journal of Agricultural Research*, 47(8): 1235-1249.
- Dadpasand, M., S.R. Miraei-Ashtiani, M. Moradi Shahrababak and R. Vaez Torshizi. 2008. Impact of conformation traits on functional longevity of Holstein cattle of Iran assessed by a Weibull proportional hazards model. *Livestock Science*, 118: 204–211. (Q2)
- Aminafshar, M., C. Amirinia and R. Vaez Torshizi. 2008. Genetic diversity in buffalo population Guilan using microsatellite markers. *Journal of Animal and Veterinary Advances*, 7:1499-1502. (Q4)
- Maghsoudi, A., R. Vaez Torshizi, and A. Safi Jahanshahi. 2009. Estimates of (co)variance components for productive and composite reproductive traits in Iranian Cashmere goats. *Livestock Science*, 126: 162–167. (Q1)
- Gorbani, A., R. Vaez Torshizi, M. Bonyadi, and C. Amirinia. 2009. Restriction fragment length polymorphism of bovine growth hormone gene intron 3 and its association with testis biometry traits in Iranian Holstein bull. *African Journal of Microbiology Research*, 3: 809-814. (Q4)

- Gorbani, A., R. Vaez Torshizi, M. Bonyadi, and C. Amirinia. 2009. A MspI PCRRFLP within bovine growth hormone gene and its association with sperm quality traits in Iranian Holstein bulls. *African Journal of Biotechnology*, 8: 4811-4816. (Q3)
- Mehmannavaz, Y., C. Amirinia, M. Bonyadi and R. Vaez Torshizi. 2009. Effects of bovine prolactin gene polymorphism within exon 4 on milk related traits and genetic trends in Iranian Holstein bulls. *African Journal of Biotechnology*, 8: 4797-4801. (Q3)
- Rokouei, M., R. Vaez Torshizi, M. Moradi Shahrababak, M. Sargolzaei, and A. C. Sorensen. 2010. Monitoring inbreeding trends and inbreeding depression for economically important traits of Holstein cattle in Iran. *Journal of Dairy Science*, 93: 3294-3302. (Q1)
- Mehmannavaz, Y., C. Amirinia, M. Bonyadi and R. Vaez Torshizi. 2010. Association of IGF-1 gene polymorphism with milk production traits and paternal genetic trends in Iranian Holstein bulls. *African Journal of Microbiology Research*, 4: 110-114. (Q4)
- Jelokhani-Niaraki, S., M. Esmaelizad, M. Daliri, R. Vaez Torshizi, M. Kamalzadeh and M. Lotfi. 2010. Sequence and phylogenetic analysis of the non-structural 3A and 3B protein-coding regions of foot-and-mouth disease virus subtype A Iran 05. *Journal of Veterinary Science*, 11: 243-247. (Q2)
- Seyedabadi, H.R., C. Amirinia, N. Amirmozafari, R. Vaez Torshizi, M. Chamani and A. Javanrouh Aliabad. 2010. Association of apolipoprotein B gene with body growth and fatness traits in Iranian commercial broiler lines. *Livestock Science*, 132: 177-181. (Q1)
- Seyedabadi, H.R., C. Amirinia, N. Amirmozafari, R. Vaez Torshizi and M. Chamani. 2010. Association between single nucleotide polymorphism of apoVLDL-II gene with growth and body composition traits in Iranian commercial broiler line. *African Journal of Biotechnology*, 9: 4175-4178. (Q3)
- Savar Sofla, S., A. Nejati Javaremi, M. A. Abbasi, R. Vaez Torshizi and M. Chamani. 2011. Investigation on direct and maternal effects on growth traits and the Kleiber ratio in moghani sheep. *World Applied Sciences Journal* 14 (9): 1313-1319. (Q3)
- Abdollahpour, R., M. M. Shahrababak, A. Nejati-Javaremi and R. Vaez Torshizi. 2011. Variance component estimation for milk, fat and protein percentages along lactation in Iranian Holstein cattle. *World Applied Sciences Journal*, 13 (1):125-128. (Q3)
- Farzin, N., R. Vaez Torshizi, N. E. J. Kashan and A. Gerami. 2011. Estimates of genetic parameters for monthly egg production traits in a commercial broiler female line. *Italian Journal of Animal Science*, 10 (1): 54-57. (Q3)
- Amirinia, C., H. R. Seyedabadi, N. Amirmozafari, R. Vaez Torshizi, M. Chamani, A. Javanrouh Aliabad and M. A. Abbasi. 2011. Association of transforming growth factor- β 3 gene polymorphism with growth and body composition traits in Iranian commercial broiler lines. *African Journal of Biotechnology*, 10: 1784-1788. (Q3)
- Abbasi, M.A., R. Abdollahi-Arpanahi, A. Maghsoudi, R. Vaez Torshizi, A. Nejati-Javaremi. 2012. Evaluation of models for estimation of genetic parameters and maternal effects for early growth traits of Iranian Baluchi sheep. *Small Ruminant Research*, 104(1-3): 62-69. (Q2)
- Farzin, N., R. Vaez Torshizi, A. Gerami and A. Seraj. 2013. Estimates of genetic parameters for monthly egg production in a commercial female broiler line using random regression models. *Livestock Science*, 153 (1): 33-38. (Q1)
- Moridi, M., A. A. Masoudi, R. Vaez Torshizi and E. W. Hill. 2013. Mitochondrial DNA D-loop sequence variation in maternal lineages of Iranian native horses. *Animal Genetics*, 44 (2): 209-213. (Q1; IF=2.21)

- Abdollahpour¹, R., Moradi Shahrababak, M., Nejati-Javaremi, A. Vaez Torshizi, R. and Mrode, R. 2013. Genetic analysis of milk yield, fat and protein content in Holstein dairy cows in Iran: Legendre polynomials random regression model applied. *Archiv Tierzucht* 56 (48): 497-508.
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