CURRICULUM VITAE

JAMAL FAYAZI

Professor in Animal breeding and genetic,

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https://scholar.google.com/citations?user=e8Ypht0AAAAJ

h-index=15

■ **PhD** in Animal breeding and genetic.

2000 – 2006   Tehran University- Department of Animal Sciences,
               Tehran- Iran

   Theses: Genetic diversity investigation in *barbus spp* of Khuzestan, using RFLP-PCR analysis of Mitoconderial DNA

■ **MSc** in Animal Nutrition.

1994 – 1996   Tehran University- Department of Animal Sciences,
               Tehran- Iran

Theses: Effects of dietary Cation-Anion balance on performance, Acid- Base status and carcass characteristics of Varamini lambs

■ **BSc** in Animal Sciences.

1990 – 1994   Chamran University- Animal Sciences Department, Mollasani,
               Ahwaz- Iran

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TEACHING COURSE (1998-2020)
Experimental Design   (for Bsc.)
Animal Breeding   (for Bsc.)
Computer Programming   (for Bsc.)
Advance Animal Breeding (for Msc.)
Research Methodology   (for Msc.)
Bioinformatics   (for Msc.)
Advance statistical methods (for PhD)
Variance components   (for PhD)
Nutritional Genomic   (for PhD)

RESEARCH INTERESTS

Molecular & Quantitative genetics and its application in animal breeding programs
Genetic Parameters Estimation
Genetic Diversity and Phylogeny
Simulation, Modeling & Bioinformatics, Meta-analysis
Genomic Association Studies / Linkage disequilibrium & recombination / Functional Genomic
Comparative Mapping
Breeding Objective
Genetic Algorithms, Artificial Neural Network
Programming with R, VB and shell script(Linux)

THESIES OF UNIVERSITY STUDENTS

Supervisor for 35 and Advisor for 60 M.Sc. and PhD Thesis, Mostly about Animal science and Genetic diversity in Native livestock, Genomic and transcriptomic.

Recent PhD **finished** project title (Supervisor):

1- Isolation, characterization and expression of Creatinase gene from native strains isolated from poultry lesions and evaluation of **recombinant Creatinase** ability in feather microbial digestion

2- Investigating the impact of allelic frequencies on **genomic predictions using sheep SNP data**

3- Application of **ensemble learning methods in genomic evaluations** and comparison with parametric methods

4- **Transcriptome** profile study, reconstruction and analysis of gene network related to FSH- Stimulated oocytes in bovine

5- The study of **system biology**, construct and analysis of normal and acidosis rumen tissue

6- Identification and comparison of long non-coding RNA in the normal and sub-acute acidosis of rumen tissue with **NGS**

Recent **un-finished** PhD project title (Supervisor):

1- Generation of sheep edited for Myostatin gene via the **CRISPR / Cas9** (Co-supervisor: Dr. Salehi, Beheshti medical University)

2- The investigation of **genetic resistance** to poultry ascites syndrome using phenotypic and transcriptomic data

3- Identification and comparison of **lncRNA** which affect the immune system in native and commercial poultry

4- **Pan-Genome** Analysis of Iranian Buffalo's Genome

HONOURS AND AWARDS

- **Distinguished Student in M.Sc** (1996) and **Best Student in B.Sc**. Courses (1994).
- Certificate of **Excellence for Distinguished Researcher for year 2007**, Ramin Agricultural and Natural Resource University.
- Certificate of **Best Researcher for year 2008**, Ramin Agricultural and Natural Resource University.
- Certificate of **Best Researcher for year 2009**, Ramin Agricultural and Natural Resource University.

EXPERIENCE

2008- **Scientific secretary** of 2nd national poultry congress

2010- **Scientific secretary** of 2nd national buffalo congress

(2007)**Head of** Animal science department, Ramin Agricultural and Natural Resource University.

(2008-2009) **Vice chancellor** of Animal science and Food technology Faculty, Ramin Agricultural and Natural Resource University.

(2009-2010) **Dean of** Animal science and Food technology Faculty, Ramin Agricultural and Natural Resource University.

(2010-2011) Sabbatical period (New England University, NSW, Australia)

(2011- 2014) Director of Scientific members Employment

(2016- 2021) **Head of** Animal science department, Agricultural Sciences and Natural Resource University of Khuzestan.

LANGUAGE SKILLS

Fluent in **Persian** and **Arabic** and good in **English** languages.

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ATTENDING INTERNATIONAL CONGRESS

WPC2008- 23rd World's Poultry Congress in Brisbane,Queensland, Australia, 30 June to 4 July 2008
BSAS2009- British Society of Animal Science, Southport, UK, 30 March-1 April 2009
IBS2010- 14th International Biotechnology Symposium, Rimini (Italy), 14-18 September 2010.
ICAAA 2014- 4th International Conference on Asia Agriculture and Animal -Bangkok, 9-11 June 2014
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CURRENT YEAR (2020) SELECTED PAPERS IN JOURNALS (ENGLISH LANGUGE) AS *CORRESPONDING AUTHOR*

1. B. Mahmoudi, **J. Fayazi**, H. Roshanfekr, M. Sari and M.R. Bakhtiarizadeh. 2020. Genome-wide Identification and Characterization of Novel long non-coding RNA in Ruminal Tissue Affected with Sub-Acute Ruminal Acidosis from Holstein cattle. Veterinary Research Communications. 44:19–27.

2. M. Gholizadeh, **J. Fayazi**, H. Zali, Y. Asgari, and l. Kaderiali. 2020. Reconstruction and analysis of cattle metabolic networks in normal and acidosis rumen tissue. Animals. 10(3): 469.

3. N. Hooshmand, **J. Fayazi**, S. Tabatabaei, and N. Ghaleh Golab Behbahan. 2020. Prediction of B cell and T-helper cell epitopes candidates of bovine leukaemia virus (BLV) by in silico approach. Vet Med Sci. 2020; 00:1–10.

4. A. Askari, **J. Fayazi**, and H. Dehghan. 2020. Clustering Some MicroRNAs Expressed in the Breast Tissue Using Shannon Information Theory and Comparing the Results With UPGMA, Neighbor-Joining, and Maximum-Likelihood Methods. Res Mol Med (RMM). 2020; 8 (4).

SELECTED PAPERS IN JOURNALS

(Persian and English language)

1. **J. Fayazi**, M. Moradi, G. Rahimi, R. Ashtyani & H. Galledari. 2006. Phylogenetic relationship and genetic differentiation of Barbus Xanthopterus (Cyprinidae) populations using mitochondrial cytochrome B. Pakistan Journal of Biological Sciences. 9(12): 2249-2254.
2. M. Nazari,M.T. Begi Nasiri & **J. Fayazi**. 2007. Investigation of the genetic and phenotypic potential of productive traits using the uni and multiple traits animal model in Khouzestan Najdi cattles. Iraninan Journal of vetinary, vol 3. No. 4 [In Persian Language].
3. A. S. Sadr, M. T. Beigi Nasiri, Kh. Alami-Saeid, **J. Fayazi**, H. Roshanfekr & M. Mohammadi. 2008. DNA polymorphism of Butyrophilin gene by PCR-RFLP technique. African Journal of Biotechnology. 7(14): 2527-2529.
4. M. Mohammadi, M. T. Beigi Nasiri, K h. Alami-Saeid, **J. Fayazi**, M. Mamoee & A. S. Sadr. 2008. Polymorphism of Calpastatin gene in Arabic sheep using PCR- RFLP. African Journal of Biotechnology. 7(15): 2682-2684.
5. A. Haghdoost., A.A. Shadparvar, M. T. Beigi Nasiri & **J. Fayazi**. 2008. Estimates of economic values for traits of Arabic sheep in village system. Journal of Small ruminant research. 80:91-94.
6. Yaeghoobi., H. Roshanfekr, M. Mamooee, **J. Fayazi,** & A. Ashayerizade. 2009. Genotype by environmental interactions for milk and fat production across western provinces of Iran. Journal of Animal and Veterinary Advances. 8(11): 2110-2114
7. N. Askari., M. T. Biagi- Nasiri, M. R. Mohammadabadi, A. Bageizadah & **J. Fayazi**. 2008. Study of genetic diversity of Raeini Cashmere goat based on micro satellite markers. Journal of Agricultural Science. Tabriz University. 4(18): 155-162. [In Persian Language].
8. K. Karimi, M.T. Beigi Nasiri, Kh. Mirzadeh, A. Ashayer zadeh, H. Roshanfekr & **J. Fayazi**. 2009. Allele and genotype Frequencies of B-Lactoglobluin gene in Iranian Najdi Cattle and Buffalo Populations Using PCR-RFLP. African Journal of Biotechnology. 8(15): 3654-3657.
9. K. Karimi, M.T. Beigi Nasiri, Kh. Mirzadeh, A. Ashayer zadeh, H. Roshanfekr & **J. Fayazi**. 2009. Polymorfism of the B-Lactoglobuline gene and its association with milk production traits in Iranian Najdi Cattle. Iranian Journal of Biotechnology. 7(2): 82-85.

10. S. Mokhtarzadeh., **J. Fayazi**, M. Mamoei, M. Beigi Nasiri, & Kh. Alamisaeed. 2009. Investigation of leptin's Receptor gene polymorphism, by using PCR-RFLP technique in native poultry population of Khozestan province. Research Journal of biological Science. 4(8): 933-936.

11. A. R. Darabi., **J. Fayazi,** H. Roshanfekr & M. Beigi Nasiri**.** 2010. Investigation of Growth Hormone Gene Polymorphism Using PCR-RFLP Technique in Native Poultry in Khouzestan Province. Journal of Animal and Veterinary Advances. 9(2): 255-257.

12. Y. Shojaei Tabar, **J. Fayazi**, H. Roshanfekr, Kh. Mirzadeh & A.S. Sadr. 2010. Investigation of prolactin polymorphism in buffalo population of Khuzestan-Iran by PCR-RFLP. Journal of Animal and Veterinary Advances. 9(2): 284-286.

13. B. Abbasi, **J. Fayazi**, M.T. Beigi Nasiri, H.A. Roshanfekr, Kh. Mirzadeh & A.S. Sadr. 2009. Analysis of Kappa Casein Gene Polymorphism by PCR-RFLP in Buffalo Population in Khouzestan Province. Research Journal of biological Science. 4(10):1073-1075.

14. M. T. Beigi Nassiri, Z. Beyranvand, T. Hartatik, **J. Fayazi** & S. Tavakoli. 2010. The Study of PIT1 Gene Polymorphism in the Najdi Cattle Using PCR-RFLP Method. Research Journal of Biological Sciences, 5(1): 68-70.

15. S. Rahimnahal, **J. Fayazi**, Kh. Mirzadeh, M.T. Beigi Nassiry & H. Roshanfekr. 2010. Detection of Allelic Polymorphism in a Gene of the Major Histocompatibility Complex of Iranian Buffalo. Journal of Animal and Veterinary Advances, 9(14): 1902-1904.

16. M. Nazari, **J. Fayazi**, S. Tabatabaei, A. Aghaei & M. Mamoei. 2010. Investigation of the Genetic and Phenotypic Potential of Productive Traits Using the Uni and Multiple Traits Animal Model in River Buffalo. Journal of Animal and Veterinary Advances, 9(10):1479-1481.

17. K. Mohammadi, M.T. Beygi Nassiri, **J. Fayazi** & H. Roshanfekr. 2010. Investigation of Environmental Factors Influence on Pre-Weaning Growth Traits in Zandi Lambs. Journal of Animal and Veterinary Advances, 9(6): 1011-1014.

18. M. Lotfi Farokhad, M. T. Beigi Nassiri, H. Roshanfekr, **J. Fayazi**, & M. Mamouei. 2010. Genetic Parameters for Direct and Maternal Effects on Growth Traits of Arman Lambs. Research Journal of Biological Sciences, 5(1):71-74.

19. K. Mohammadi, M.T. Beigi Nassiri, **J. Fayazi**; H. Roshanfekr & A. Aghaei. 2010. Estimates of Phenotypic and Genetic Parameters for Pre-Weaning Growth Traits of Arabi Lambs. Journal of Animal and Veterinary Advances, 9(13):1819-1823.

20. M. Nazari, M.T. Beigi Nassiri, **J. Fayazi**, & S. Tabatabaei. 2010. Estimation of Breeding Value of Najdi Cattle Breed Using Random Regression Model. Journal of Animal and Veterinary Advances, 9(4): 726-729.

21. C. Eydivandi, C. Amirinia, N. EmamJomeh-Kashan, M.Chamani & **J. Fayazi**. 2011. Study of factor XI deficiency in Khuzestan cattle population of Iran. African Journal of biotechnology, 10 (4):718-721.

22. B. Taheri Dezfuli, A. Nejati Javaremi, M.A.Abbasi, **J. Fayazi** & M. Chamani. 2011. Economic Weights of Milk Production Traits for Buffalo Herds in the Southwest of Iran Using Profit Equation. World Applied Sciences Journal, 15 (11): 1604-1613.

23. M. Lotfi, M. T. Beigi Nassiri, H. Roshanfekr & **J. Fayazi**. 2012. Polymorphism of Ovar-DRB1 Second Exon with PCR-RFLP Technique in Arabi Sheep Population of Khuzestan Province. Journal of Animal and Veterinary Advances, 11(3):343-345.

24. K. Hasanpoor, M. Asghari Mogadam, M. T. Begi Nasiri, **J. Fayazi**, H. Roshanfekr, & S. Tabatabaei. 2012. Investigation of IGF-1 gene polymorphism by PCR-RFLP in crossbreed cow population in khouzestan province. New Research in Vetrinary, 4(13):45-53. [In Persian Language].

25. B. Taheri Dezfuli, A. Nejati Javaremi, M.A.Abbasi, **J. Fayazi** & M. Chamani. 2012. Performance study and estimating genetic parameters of production and reproduction traits of Khuzestani buffaloes. Iranian Veterinary Journal, 8(3): 45-53. [In Persian Language].

26. K. Mohammadi, MT Beigi Nassiri, E. Rahmatnejad, M. Sheikh, **J. Fayazi**, & A. Karimi Manesh. 2013. Phenotypic and genetic parameter estimates for reproductive traits in Zandi sheep. Trop Anim Health Prod. 45(2):671-7.

27. A. Rashedi Dehsahraei, **J. Fayazi**, & M. Vatankhah. 2013. Investigating inbreeding trend and its impact on growth traits of Lori-Bakhtiari Sheep. J. of Ruminant Research, 1(3): 65-78. [In Persian Language].

28. A. Rashedi Dehsahraei, **J. Fayazi**, M. Vatankhah, & M.T. beige Nasiri. 2013. Estimation of (Co) variance components and genetic parameters for growth traits in Lori-Bakhtiari lambs using a Bayesian approach via Gibbs sampling. J. of Ruminant Research, 1(2): 109-128. [In Persian Language].

29. A. Rashedi Dehsahraei, **J. Fayazi**, M. Vatankhah, & M.T. beige Nasiri. 2013. The effect of some non-genetic factors on growth traits in Lori-Bakhtiari sheep. Journal of Livestock Research (JLR), 1(4):59-69. [In Persian Language].

30. R. Kaki, H. Roshanfekr, M.T. Beigi nasiri, & **J. Fayazi**. 2013. Investigation of MUCIN1 gene polymorphism by PCR-RFLP in buffalo population in khouzestan province. World of Sciences Journal (WSJ), 1(9): 10-21.

31. M. Khatibi, H. Roshanfekr, **J. Fayazi** & K. Mirzade. 2013. Polymorphism of 5′ flanking region of lactoferrin gene in khuzestan buffaloes. International journal of Advanced Biological and Biomedical Research, 1(7): 777-782.

32. E. Javdan, **J. Fayazi**, M.T. BeigiNasiri, & S.Tabatabaei Vakili. 2013. Polymorphism of growth differentiation factor gene and litter size in goats. Online Journal of Veterinary Research, 17 (6): 339-345.

33. B. Alipour, **J. Fayazi**, M.T. Beigi Nassiri, & S. Asad allahi. 2013. Estimation of economic weights for important economic traits of Lori goat in rural system. Animal Science Researches, 23 (4): 83-99. [In Persian Language].

34. F. Beiranvand, **J. Fayazi**, M. T. Beigi Nasiri, & S. Asadollahi. 2013. Estimation of genetic parameters for growth traits and genetic and phenotypic trends of reproductive traits in the nomadic Lori sheep flocks. Animal Production Research, 2(3): 21-30. [In Persian Language].

35. H. Banani Rad, **J. Fayazi**, C. Amirinia, H. Roshanfekr, & H. Seydabadi. 2013. Parentage Tests in Khuzestan Buffaloes Populations Using Three Microsatellite Markers. International journal of Advanced Biological and Biomedical Research, 1(11):1414-1422.

36. E. Javdan, **J. Fayazi**, S. Tabatabaei, & M.T. Beigi Nasiri. 2013. Polymorphism of exon 2 of bone morphogenetic protein 15 gene (BMP15) and its relationship with litter size in Najdi goat. Journal of Animal Production, 15(2): 101-107. [In Persian Language].

37. A. Rashedi Dehsahraei, **J. Fayazi**, M.Taghi beige nasiri, & M. Vatankhah. 2014. Genetic and phenotypic analyses of wool weight in Lori-Bakhtiari Sheep using Bayesian statistical method. Journal of Livestock Research (JLR), 2(4):47-57. [In Persian Language].

38. F. Sepahvand, M. Khaldari, M. T. Beigi-Nasiri & **J. Fayazi**. 2014. The study of Polymorphism in Intron-I of Myostatin gene (MSTN) and its association with growth traits in Lory sheep breed. The Journal of Genetics, 115: 141-145.

39. F. Amraei, H. Roshanfekr, **J. Fayazi**, & M. Bojarpour. 2014. The investigation of Leptin gene Promoter in Najdi Cows. Iranian Journal of Animal Science Researchs, 6(1): 87-91. [In Persian Language].

40. G. Farhadi, M.T. Beigi Nassiri, **J. Fayazi** & H. Roshanfekr. 2014. Investigation of Kappa Casein Gene Polymorphism by PCR-RFLP in Najdi Cattle Breed Population in Khuzestan Province. Iranian Journal of Applied Animal Science, 4(2): 281-284.

41. K. Taghizadeh, M.T. Beigi Nasiri, **J. Fayazi**, & M. Bojarpour. 2014. Investigation of (Stearoyl-CoA Desaturase 1) SCD1 Gene Polymorphism inKhuzestan Buffalo Population Using PCR-RFLP Method. Iranian Journal of Applied Animal Science, 4(2): 425-428.

42. A. Darabi, N. Kashan, J. **Fayazi**, M. Aminafshar, & M. Chamani. 2014. Phylogenetic relationships of sub-populations of Barbus Sharpeyi fish in southwest of Iran using mitochondrial DNA with PCR-sequencing method. International Journal of Biosciences, 5(2): 41-46.

43. E. Javdan, **J. Fayazi**, M.T. Beigi Nasiri, & S. Tabatabaei. 2014. Genetic variation in exon 2 of GDF9 gene in two breeds of Khuzestan goats. Iranian Veterinary Journal, 10 (2):5-11. [In Persian Language].

44. M.R. Ghorbani, M. Bojarpur, M. Mayahi, **J. Fayazi**, R. Fatemi Tabatabaei, & S. Tabatabaei. 2014. Effect of dried purslane on immunity responses and cecal microflora composition of broiler chickens. Iranian Journal of Animal Science Research. 6(2):150-156. [In Persian Language].

45. M.R. Ghorbani, M. Bojarpur, M. Mayahi, **J. Fayazi**, S. R. Fatemi Tabatabaei & S. Tabatabaei. 2014. Effect of purslane (Portulaca oleracea L.) on performance and carcass characteristic of broiler chickens. Iranian Veterinary Journal. 9(4): 88-97. [In Persian Language].

46. F. Sepahvand, M. T. Beiginassiri, **J. Fayazi** & M. Khaldari. 2014. Investigation of mutation in intron 1 of myostatin gene in Lori sheep using PCR-SSCP method. Journal of Livestock Research. 2(4): 81-85. [In Persian Language].

47. A. Rashedi Dehsahraei, **J. Fayazi**, M. T. BeigiNassiri & M. Vatankhah. 2014. Genetic and phenotypic analyses of wool weight in Lori-Bakhtiari sheep using Bayesian statistical method. Journal of Livestock Research. 2(4): 47-57. [In Persian Language].

48. A. Fatemeh, Roshanfekr H., **Fayazi J.**, & Bojarpour M. 2014. The investigation of Leptin gene Promoter in the Najdi Cows. Iranian Journal of Animal Science Research. 6(1):87-91. [In Persian Language].

49. F. Sepahvand, M. Khaldari, M.T. Beigi-Nasiri, & **J.Fayazi.** 2014. The study of Polymorphism in Intron-I of Myostatin gene (MSTN) and its association with growth traits in Lory sheep breed. The Journal of Genetics. 115:141-145.

50. G. Farhadi, M.T. Beigi Nassir, **J. Fayazi** & H. Roshanfekr. 2014. Investigation of Kappa Casein Gene Polymorphism by PCR-RFLP in Najdi Cattle Breed Population in Khuzestan Province. Iranian Journal of Applied Animal Science. 4(2):281-284.

51. K. Taghizadeh, M.T. Beigi Nasiri, **J. Fayazi**, & M. Bojarpour. 2014. Investigation of (Stearoyl-CoA Desaturase 1) SCD1 Gene Polymorphism in Khuzestan Buffalo Population Using PCR-RFLPMethod. Iranian Journal of Applied Animal Science. 4(2):425-428.

52. A. Darabi, N. Kashan, **J. Fayazi**, M. Aminafshar, & M. Chamani. 2014. Phylogenetic relationships of sub-populations of Barbus Sharpeyi fish in southwest of Iran using mitochondrial DNA with PCR-sequencing method. International Journal of Biosciences. 5(2):41-46.

53. M.R. Ghorbani, M. Bojarpur, M. Mayahi, **J. Fayazi**, R. Fatemi Tabatabaei, S. Tabatabaei & I. Zulkifli. 2014. Short communication. Effects of purslane extract on performance, immunity responses and cecal microbial population of broiler chickens. Spanish Journal of Agricultural Research. 12(4):1094-1098.

54. Z. Soroush, S. Salari, M. Sari, **J. Fayazi**, & S. Tabatabaei. 2015. Effects of Different Levels of Zinc on Performance, Egg Quality Traits and Some Blood Parameters of Laying Hens. Research on Animal Production. 6(11):19-27. [In Persian Language].

55. Z. Yeganehpour, H. Roshanfekr, **J. Fayazi,** M. H. Beiranvand, & M. Ghaderzadeh. 2015. Study of pedigree structure and effects of inbreeding depression on growth traits in Lorestan native sheep. Iranian Journal of Animal Science Research. 7(2):199-207. [In Persian Language].

56. Z. Yeganehpour, H. Roshanfekr, **J. Fayazi**, M. Beyranvand, & R. Pasandideh. 2015. Estimation of genetic, phenotypic and environmental trends for body weights at different ages in Lori sheep. Iranian Journal of Animal Science Research. 7(3):364-372. [In Persian Language].

57. M. Benvankia, H. A. Roshanfekr, **J. Fayazi** & M. Chaji. 2015. Investigation Genetic Diversity Native Chicken of Khuzestan Using Microsatellite Markers. Animal Sciences Journal. 27(105): 273-282. [In Persian Language].

58. M. Askari Manesh, **J. Fayazi**, M. T. Beigi Nassiri, H. Roshanfekr, M. Nazari & A. Rashedi Dehsahraei. 2015. Using Gibbs sampling to estimate genetic parameters of growth traits in Najdi cattle. Journal of Livestock Research. 3(2): 21-32. [In Persian Language].

59. F. Jafari, M. T. Beige Nasiri, **J. Fayazi** & M. A. Loghavi. 2015. Estimation of genetic parameters economic traits Fars native hens using Bayesian statistical approach. Animal Production. 17(2): 171-182. [In Persian Language].

60. A. Kavosi, H. Roshanfekr, M. Mamouei, **J. Fayazi** & D. Kianzad. 2015. Genetic trend comparison for production traits in dairy cows resulted from Iranian and imported sperms (case study: Markazi province). Journal of Livestock Research. 4(3): 47-57. [In Persian Language].

61. A. Rashedi Dehsahraei, **J. Fayazi**, M.T. Beigi Nassiri & M. Vatankhah. 2016. Genetic and Phenotypic Analyses of Body Weight Traits for Lori-Bakhtiari Lambs at Different Ages. Research on Animal Production. 7 (14):164-157. [In Persian Language].

62. P. Mohammadi, S. Tabatabaei Vakili, M. Mamouei, **J. Fayazi**, & M. Zarei. 2016. Evaluation of the Effect of Different Concentrations of Vitamin E and Selenium in Tris Extender on Sperm Quality of Arabic Ram. Research on Animal Production. 7 (13):99-93. [In Persian Language].

63. E. Behdani, H. Roshanfekr, M. Ghaderi Zefrehei, **J. Fayazi**, & M.R. Bakhtiarizadeh. 2016. Identifying Regulatory genes affected on Immune system by using Bos Taurus leukocyte RNA-Seq data. Modern Genetic Journal. 11(2):207-215. [In Persian Language].

64. A. Kavosi, H. Roshanfekr, M. Mamouei, **J. Fayazi** & D. Kianzad. 2016. Genetic trends for production traits of Holstein cows resulted by imported semen in Fars province. Animal Sciences Journal. 29(111): 3-14. [In Persian Language].

65. P. Dadvar, T. Mohammadabadi, M. Sari & **J. Fayazi.** 2016. Investigation of in vitro digestibility, fermentation and enzyme activity of rumen anaerobic fungi of dromedary camels fed by cultivated and pasture forages. Iranian Journal of animal Science. 47(1): 63-87. [In Persian Language].

66. M. Manteghi, M. Mamouei, S. Tabatabaei Vakili, **J. Fayazi** & K. Mirzadeh. 2016. Evaluation the effect of soybean lecithin in tris extender on spermatozoa quality and viability of ram. Animal Production. 18(2): 367-375. [In Persian Language].

67. R. Pasandideh, M. T. Beigi Nasiri, M. R. Seifiabad Shapouri, **J. Fayazi**, H. Roshanfekr, & M. Lotfi. 2016. Cloning and sequencing of G glycoprotein gene of bovine ephemeral fever virus in Escherichia coli. Iranian Journal of Animal Science Research. 8(3):511-519. [In Persian Language].

68. F. Beiranvand, **J. Fayazi**, MT. Beigi-Nasiri & S. Asadollahi. 2016. Genetic and phenotype trend of growth traits in Lori sheep under nomadic system. Journal of Animal Science Researches. 26(3):87-99. [In Persian Language].

69. M. Gholizadeh, H. A. Roshanfekr, & **J. Fayazi.** 2016. Introduction to the application of systems biology in animal science. Journal of Livestock Research. 5(1):35-48. [In Persian Language].

70. Z. Yeganehpur, H. Roshanfekr, **J. Fayazi**, & M.H. Beyranvand. 2016. Inbreeding depression on growth traits of Iranian Lori sheep. Revista Colombiana de Ciencias Pecuarias. 29(4):264-273.

71. P. Dadvar, T. Mohammadabadi, M. Sari, & **J. Fayazi.** 2016. Ruminal microbial fermentation of dromedary camel in a dual flow continu-ous culture system using cultivable and pasture forages. Journal of Livestock Science and Technologies. 4(1):17-24.

72. A.Rashedi Dehsahraei, **J. Fayazi**, M. T. BeigiNassiri & M. Vatankhah. 2017. Effect of Inbreeding on Wool Weight Loss in Lori-Bakhtiari Lambs. Research on Animal Production. 8 (15):185-194. [In Persian Language].

73. M. Bazgiri, MT. Beigi Nassiri, & **J. Fayazi.** 2017. Determination of Dopamine Receptor Gene Polymorphism by BseNI Restriction Enzyme. Iranian Journal of Animal Science Research. 10(1):109-115. [In Persian Language].

74. S. Mohammadi, M. Mamouei, S.Tabatabaei Vakili, & **J. Fayazi.** 2017. Antioxidant Effect of Melatonin on Arabic Ram Semen Parameters after Freeze - Thawing Process. Iranian Journal of Animal Science Research. 10(2):287-296. [In Persian Language].

75. H. Hoseini nasr, H. Roshanfekr, **J. Fayazi,** & MT. Beigi Nasiri. 2017. Estimation of Economic Values for Important Production Traits in Native Cattle of Ilam Province. Iranian Journal of Animal Science Research. 10(1):97-107. [In Persian Language].

76. MR. Zargar, **J. Fayazi**, MT. Beigi, & H. Moradi. 2017. Genomic study of population structure and phylogenetic relationship of Khuzestani buffaloes. Journal of Animal Science Researches. 28(1):181-195. [In Persian Language].

77. S. Isvandi, M. T. Beigi nasiri, H. Roshanfekr & **J. Fayazi.** 2017. Evaluation of Prolactin gene (PRL) polymorphism in some masses Khouzestan native chickens using PCR-RFLP. Iranian Veterinary Journal. 13(1): 26-32. [In Persian Language].

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