

Curriculum Vitae

Name



Raed Mahmoud Eid Al-Atiyat

Current Position
and Address

Professor, Animal Genetics, breeding and Biotechnology.

Animal Sci. Dep., Agriculture Faculty, Mutah University, Karak, Jordan

Mobile

+962 798064642 / +962 777926168 (Jordan)

Email

ratiyat@mutah.edu.jo

raedatiyat@gmail.com; raedatiyat@yahoo.com;

EMPLOYMENT EXPERIENCE

2016-Present

Professor

Molecular Genetics, Breeding and Biotechnology, Animal.

Animal Prod. Dep., Faculty of Agriculture

Mutah University, Jordan

ratiyat@mutah.edu.jo

2014-2016

Professor

Molecular Genetics, Breeding and Biotechnology, Animal.

Animal Prod. Dep., College Food Science and Agriculture

King Saud University, Kingdom of Saudi Arabia.

Email: ralatiyat@ksu.edu.sa

2011-2014

Associate Professor

Molecular Genetics and Biotechnology, Animal.

Animal Prod. Dep., College Food Science and Agriculture

King Saud University, Kingdom of Saudi Arabia.

Email: ralatiyat@ksu.edu.sa

2009-2011

Associate Professor,

Genetics, Breeding and Biotechnology, Animal.

Animal Science Department, Faculty of Agriculture

Mutah University, Jordan

ratiyat@mutah.edu.jo

2004-2009

Assistant Professor,

Molecular Genetics, Breeding and Biotechnology, Animal.

Animal Science Department, Faculty of Agriculture, Mutah University, Jordan

ratiyat@mutah.edu.jo

2004

Fellow Researcher, Genetics

Animals Science Department,

School of Rural sciences and Agriculture (SRSA).

ACADEMIC QUALIFICATIONS

Year	
2000-2004	PhD; (Molecular Genetics and Biotechnology) , University of New England, Australia <u>Project Title:</u> <i>Molecular population genetics of Merino sheep.</i>
1994-1997	M Sci. (Animal breeding and genetics) , Jordan University. Jordan <u>Project Title:</u> <i>Genetic parameters of Lactation Curve characteristics for Dairy cows in Jordan Valley.</i>
1990-1994	B Sci. (Animal Science) , Jordan University of Science and Technology, Jordan

INTERNATIONAL CONTRIBUTIONS AND CONSULTATIONS

FAO International Consultation	I. FAO Consultants for following international mission and fund request: <ol style="list-style-type: none">1. Increasing income of small-scale Buffalo producers through capacity building of milking management and marketing its milk cream (Qaimar) in Qamishli of Syria. 20112. Improving livelihood of poor Golan cattle producers through capacity building, improved milk handling and processing and market access in Syria. 20113. Jordan small scale dairy sector in support of food security and poverty alleviation enhanced. 2009-2010. I. Co-consultant with regional Consultant of FAO; Dr. M.J. Tabbaa for following country reports. <ol style="list-style-type: none">1. Country study for Jordan: Role of livestock production in poverty reduction and food security. 20092. Country study for Occupied Palestinian Territory: Role of livestock production in poverty reduction and food security, 20103. Country study for Syria: Role of livestock production in poverty reduction and food security, 2011
International Meeting and Contributions	<ol style="list-style-type: none">1. Small scale dairy sector in support of food security and poverty alleviation enhanced in Oriental countries. July 2011. FAO. Cairo, Egypt.2. Sustainable small ruminant breeding for food security and livelihood of the poor keepers in Jordan and nearby areas. November. 2011. ICARDA, Aleppo, Syria.3. Milk Chain from Stable to Table Workshop. The University of Jordan-FAO. Amman Jordan, November 16-18 20084. Building up capacity of Decision Makers in Rio-Deginiro conventions of Climate change, desertification control and Biodiversity. Ministry of Agriculture. Amman-Jordan. April 5th, 20065. National priority capacity constraints for implementation the Rio conventions and their synergies, Ministry of Environment-UNDP-GEF. Amman-Jordan. December 13-19 2005.
National Meeting and Contributions	<ol style="list-style-type: none">1. A key member in Committee of Geographical Indicator for Jordanian Awassi Sheep, Ministry of Agriculture and The Hashemite fund for development of Jordan Badia. 2016-20162. Committee of Formulating and setting up research priorities of

- Agriculture and Veterinary sciences in Jordan for coming 10 years.
3. Jordan Society for Scientific Research, Amman.
 4. Scientific Committee, Jordan Society for combat Desertification. Amman,
 5. Livestock Council, National Centre for Agriculture Research and Extension.
 6. Badia Centre for Research and Development, Higher council for science and Technology.
 7. Virtual Biotechnology Centre, Higher council for science and Technology.

SCIENTIFIC RESEARCH

Current Research Interest	<ul style="list-style-type: none"> - Genetic conservation of livestock and wildlife animals. - Modeling future genetic conservation of Animal genetic resource - Quantitative and Molecular Genetics of livestock - DNA-Parentage testing of livestock and wild life animals. - Genome and DNA-Marker Assistant Selection - Breeding program design and implementation
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CURRENTLY SUBMITTED RESEARCH FOR FUNDING

Projects' Name	Fund Source	Amount (USD)	Year (Start-End)
Analysis of maternal genetic diversity of indigenous chickens from Jordan: origin, conservation and utilization under current climate change (PI) <i>(Provisional Acceptance –Ongoing)</i>	Scientific Research Fund and Innovations, Ministry of Higher Education, Jordan	83,000	2018-
Exploration of Physiological and Genetic Characteristics Associated with Heat Stress Tolerance in Najdi and Naimi sheep. <i>(Funded by Kingdom of Saudi Arabia)</i> (Consultant: Raed M. Al-Atiyat)	The National Plan for Science and Technology, KSA	100,000	2016-2017

PREVIOUS FUNDED RESEARCH

Projects' Name	Fund Source	Amount (USD)	Year (Start-End)
1. Analysis of genetic diversity and genome-wide structure of indigenous chickens from the Kingdom of Saudi Arabia: origin, conservation and utilization (PI: Raed M. Al-Atiyat)(Code #: 12-AGR2555-02)	The National Plan for Science and Technology, Kingdom of Saudi Arabia	500,000	2014-2016
2. Distiller's Dried Grains with Solubles as nontraditional feed for broiler, camel and lamb fattening (Co-PI: Raed M. Al-	The National Plan for Science and Technology,	500,000	2014-2016

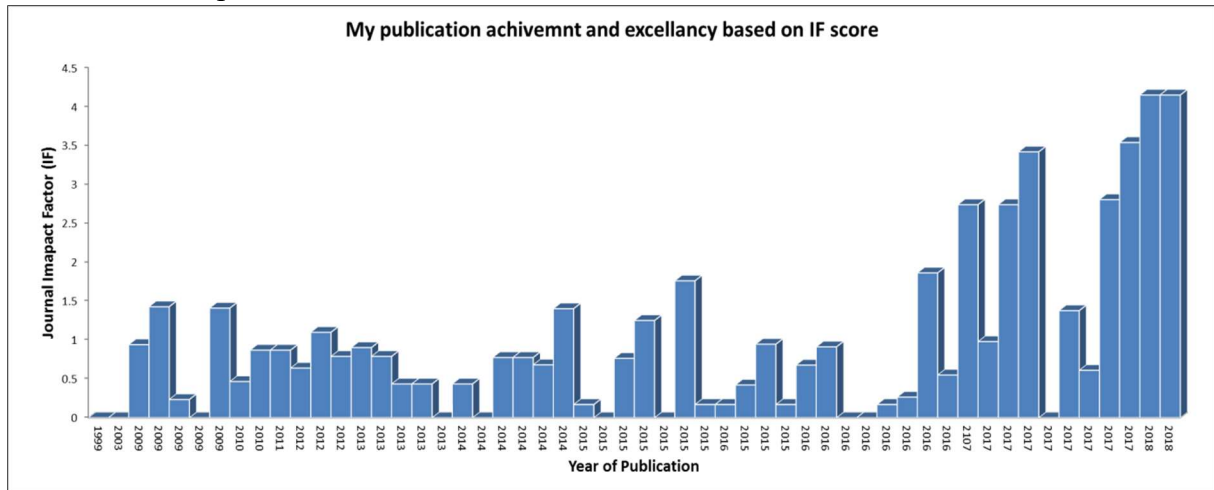
Atiyat) (Code #: 12-AGR2495-02)Kingdom of Saudi
Arabia**PREVIOUS FUND RESEARCH AS PRINCIPAL INVESTIGATOR**

Projects' Name	Fund Source	Amount (USD)	Year (Start-End)
1. Genetic conservation and biodiversity of Local Cattle of KSA(PI)	King AbdelAzziz City for Science and Technology	50,000	2013-2014
2. Optimizing genetics and breeding program design for local goat of KSA (PI)	King AbdelAzziz City for Science and Technology	50,000	2014-2015
3. Genetic diversity of sheep and goat using advance DNA biotechnology in Jordan (PI)	Scientific Research Fund, Ministry of Higher Education, Jordan	140,000	2008-2011
4. Thermoregulation and the genetic factors of goat in Jordan (co-PI)	Scientific Research Fund, Ministry of Higher Education, Jordan	150,000	2009-2012
5. Biodiversity assessment and genetic conservation of Jordan indigenous (Baladi) cattle breeds using DNA-Fingerprinting and PCR-based markers (PI)	COMSTECH-ISESCO, Morocco	10,000	2006-2008
6. Genetic comparative study of commercial poultry strains raised in Jordan	Mutah University, Jordan	15,000	2007-2009
7. Genetic conservation and biodiversity of Local Jordanian (Baladi) Chicken	Mutah University, Jordan,	10,000	2006-2008
8. Breeding local goat breeds for better production	Mutah University, Jordan,	50,000	2004-2009

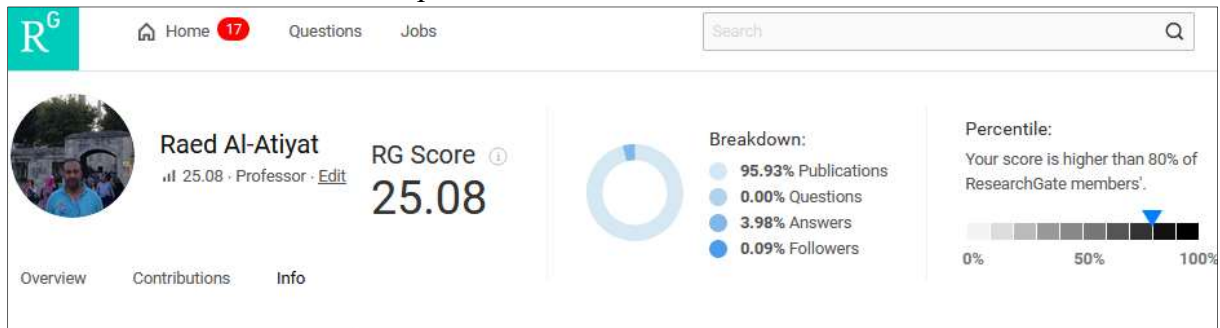
PUBLICATIONS: In Refereed Journals

A. My own statics of my publications in Refereed Journals

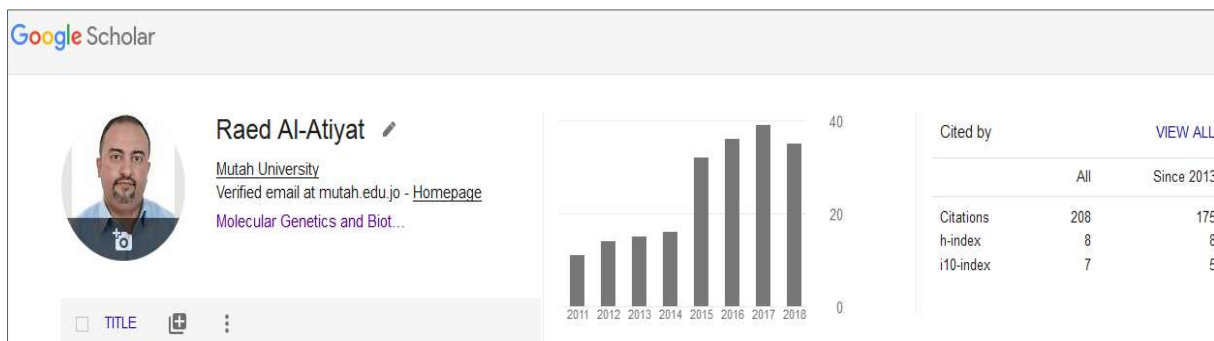
I have published **53** articles in international refereed Journals and well recognized journal in fields of Genetics, life and Agriculture Sciences. Out of which, 40 articles have been published in journals with Impact Factors (IF). The following chart and table have presented all details of the published articles.



B. Considering ResearchGate® statics: ResearchGate® is an academic social networking site for scientists and researchers where its Score (RG Score) is a single number that is attached to a researcher's profile and score the level of research work.



C. Considering Google Scholar statics: Google Scholar, on the other hand, provides the h-index which is an researcher / author-level metric that attempts to measure both the productivity and citation impact of the publications of a scientist or scholar.



D. Details of the publications in the refereed Journals

No.	Article	Impact Factor* (2016)
1.	Raed M. Al-Atiyat , Riyadh S. Aljumaah, Mohammad A. Alshaikh and Alaeldein M. Abudabos.2018. Microsatellite-Based Genetic Structure and Diversity of Local Arabian Sheep Breeds. <i>Frontiers in Genetics</i> , 9; Article 408 doi: 10.3389/fgene.2018.00408.	4.151
2.	Raman A. Lawal, Raed M. Al-Atiyat , Riyadh S. Aljumaah, Pradeepa Silva, Joram M. Mwacharo and Olivier Hanotte. 2018. Whole-Genome Resequencing of Red Junglefowl and Indigenous Village Chicken Reveal New Insights on the Genome Dynamics of the Species. <i>Frontiers in Genetics</i> , 9; Article 264 doi: 10.3389/fgene.2018.00264.	4.151
3.	Al-Araimi NA, Gaafar OM, Costa V, Neira AL, Al-Atiyat RM, Beja-Pereira A. Genetic origin of goat populations in Oman revealed by mitochondrial DNA analysis. <i>PLoS One</i> . 2017 Dec 27;12(12):e0190235. doi: 10.1371/journal.pone.0190235. eCollection 2017.	2.806
4.	Raed M. Al-Atiyat, Riyadh S. Aljumaah, Alaeldein M. Abudabos, Masoud N. Alotybi, Raafat M. Harron, Abdulaziz S. Algawaan, Hassan S. Aljooan. 2017. Differentiation of free-ranging chicken using discriminant analysis of phenotypic traits. <i>Brazilian Journal of Animal Science</i> 46(10):791-799.	0.61
5.	Nasser Ali Al-Araimi, Raed Mahmoud Al-Atiyat , Osman Mahgoub Gaafar, Raquel Vasconcelos, Augusto Luzuriaga-Neira, Mohamed Osman Eisa, Nadir Amir, Mohammed Hocine Benaissa, Abdulbari Abbas Alfariis, Riyadh Saleh Aljumaah, Sayed M. Elnakhla, Mohamed M.I. Salem, Ibrahim A. Ishag, Mohammed El Khasmi, Albano Beja-Pereira Nasser Ali Al-Araimi, et al. 2017. Maternal genetic diversity and phylogeography of native Arabian goats. <i>Livestock Science</i> , 206 : 88–94. DOI: http://dx.doi.org/10.1016/j.livsci.2017.09.017	1.377
6.	Raed Mahmoud Al-Atiyat . 2017. Dynamic of Bacterial Diversity in Ileum Digesta Under Water Supplements of Antibiotics and Probiotics <i>Pakistan Journal of Biological Sciences</i> 20 (8): 372-381.	--
7.	Alaeldein M. Abudabos & Raed M. Al-Atiyat & Hamad A. Albatshan & Rafat Aljassim & Mashael R. Aljumaah & Manal M. Alkhulaifi & Dragana M. Stanley. 2017. Effects of concentration of corn distillers dried grains with solubles and enzyme supplementation on cecal microbiota and performance in broiler chickens. <i>Appl Microbiol Biotechnol</i> , DOI 10.1007/s00253-017-8448-5.	3.42
8.	Alaeldein Mahmood Abudabos & Raed Muhammod Al-Atiyat & Dragons Stanley & Rafat Aljassim & Hamad Ali Albatshan. 2017. The effect of corn distiller's dried grains with solubles (DDGS) fortified with enzyme on growth performance of broiler. <i>Environ Sci Pollut Res</i> , DOI 10.1007/s11356-017-9808-5.	2.741
9.	Al-Atiyat R.M. 2017, Genetic diversity analyses of tropical goats from some countries of Middle East. <i>Genet. Mol. Res.</i> 16 (3): gmr16039701; DOI http://dx.doi.org/10.4238/gmr16039701 .	0.98
10.	Abudabos AM, Al-Atiyat RM , Khan RU. 2017. A survey of mycotoxin contamination and chemical composition of distiller's dried grains with solubles (DDGS) imported from the USA into Saudi Arabia. <i>Environ Sci Pollut Res Int.</i> 24(18):15401-15405. doi: 10.1007/s11356-017-9130-2.	2.741
11.	Abudabos AM, Aljumaah RS, Algawaan AS, Al-Sornokh H, Al-Atiyat RM . 2017. Effects of Hen Age and Egg Weight Class on the Hatchability of Free Range Indigenous Chicken Eggs. <i>Revista Brasileira de Ciência Avícola</i> 19(1):33-40.	0.55
12.	Lawal, R.A., Wragg, D., Silva, P., Vanmechelen, K., Vereijken, A., Wu, D.D., Al-Atiyat, R.M. and Hanotte, O., 2016. P1019 Genetic introgression through selection in domestic chickens: Insight from whole genome sequence analysis. <i>Journal of Animal Science</i> , 94(supplement4), pp.23-24.	1.863
13.	Al-Atiyat Raed M. 2016. The Extent of Linkage Disequilibrium of Maternal Haplotypes in Sheep Genome. <i>The Philippine Agricultural Scientist</i> 99 (2): 202-210).	0.266
14.	Al-Atiyat Raed M. . 2016. Association of allele diversity and polymorphism of microsatellites markers in the tropical goat. <i>Research Journal of Biotechnology</i> 11 (9):29-36	0.17
15.	Al-Atiyat Raed M. , Riyadh S. Aljumaah a, Bader M. Al-Shaer a, Hussain Al-Sornokh. 2016. Extinction probabilities of Hassawi cattle from Saudi Arabia using population viability analysis. <i>Journal of King Saud University – Science</i> (2016) 28, 226–231.	--
16.	Al-Atiyat Raed Mahmoud , Gamal Suliman, Entissar AlSuhaibani, Ahmad El-Waziry, Abdullah	0.912

	Al-Owaimer1, SaeidBasmaeil. 2016. The differentiation of camel breeds based on meat measurements using discriminant analysis. Trop Anim Health Prod, 48:871–878.	
17.	Al-Atiyat. R. 2016. Microsatellite-based estimation of inbreeding level in sheep populations of small effective size. South African Journal of Animal Science 46: 54-62.	0.678
18.	Al-Atiyat R.M., 2016. Genetic aspects of F1 crossbred between Black Bedouin and Damascus goats Research Journal of Biotechnology 11 (3) 85-91	0.17
19.	Al-Atiyat R., W. Flooda, I. Franklinb, B. Kinghorna, A. Ruvinsky. 2016. Microsatellite-based genetic variation and differentiation of selected Australian Merino sheep flocks. Small Ruminant Research 136: 137–144	0.946
20.	Al-AtiyatRaed M., Hosam J. Al-TamimiNaser M. Salameh and Mohammad J. Tabbaa 2015. Genetic diversity of different Jordan goat breed using microsatellite markers. Journal of Animal & Plant Sciences, 25(6). 1532-1539	0.422
21.	Al-Atiyat R.M., 2015. Study of the reconstruction of haplotypes and recombination events in some regions of sheep genome. Research Journal of Biotechnology Vol. 10 (5). 81-90	0.17
22.	Al-Atiyat R.M., 2015. Genetic differentiation between Awassi and Merino sheep breeds using Microsatellites. Research Journal of Biotechnology 10 (4) 1-6	0.17
23.	AlSuhairani E, C.C. Voudouris, R Al-Atiyat, A Kotzamumin J Vontas · J.T. Margaritopoulos. 2015. Identification of a point mutation in the ace1 gene of Therioaphistrifollimaculata and detection of insecticide resistance by a diagnostic PCR–RFLP assay. Bulletin of entomological research. Bulletin of Entomological Research (2015) 105, 712–716;	1.761
24.	Al-Atiyat R.M., R.S. Aljumaah, A.M. Abudabos, A.A. Alghamdi, A.S. Alharthi, H.S. AlJooan and M.N. Alotybi. 2015. Current situation and diversity of indigenous cattle breeds of Saudi Arabia. Animal Genetic Resources, 0, 1–11	-
25.	Al-Atiyat, Raed; Mohsen Alobre, Riyadh S Aljumaah, Mohamad A Alshaikh. 2015. Microsatellite based genetic diversity and population structure of three Saudi goat breeds. Small Ruminant Research. 130:90-94	1.25
26.	Aljumaah R. S., Alobre M.M. and Al-Atiyat R.M. 2015. Use of microsatellite markers to assign goats to their breeds. Genetics and Molecular Research Journal. 14:9071-9080.	0.764
27.	Abdullah B. M., Al-Atiyat R.M. and Tabbaa M. J. 2015. The Effects of Different Factors and Heterosis on Body Dimensions of Awassi Chios and their Crossbred Lambs. Jordan Journal of Agricultural Sciences, 11(2):423-434.	-
28.	Al-Atiyat R.M. 2015. Presence of segregation distortion in sheep. Research Journal of Biotechnology, 10 (8): 87-98.	0.17
29.	Al-Atiyat Raed M. 2015. The power of 28 microsatellite markers for parentage testing in sheep. Electronic Journal of Biotechnology 18 (2):116–121	1.403
30.	Al-Atiyat Raed Mahmoud, Naser M. Salameh, Mohammad J. Tabbaa. 2014. Analysis of genetic diversity and differentiation of sheep populations in Jordan. Electronic Journal of Biotechnology 17 (2014) 168–173.	0.681
31.	Al-Atiyat RM and Aljumaah RS. 2014. Genetic distances and phylogenetic trees of different Awassi sheep populations based on DNA Sequencing. Genetics Molecular Research. 13 (3): 6557-6568 (2014).	0.775
32.	Al-Atiyat RM and Aljumaah RS. 2014. Genetic relatedness among Aardi, Black Bedouin and Damascus goats breeds. Genetics Molecular Research. Genetic Molecular Research. 13 (2): 4654-4665.	0.775
33.	Al-Atiyat Raed M. 2014. Sustainable Breeding Program of Black Bedouin Goat for Conserving Genetic Diversity: Simulated Scenarios for In Situ Conservation. Jordan Journal of Agriculture Research, 5 (1): 26-37.	0
34.	Raed M. Al-Atiyat. 2014. Role of small-scale dairy sector in food security and poverty alleviation. Journal of Food, Agriculture and Environment. 12 (2): 427 - 433.	0.435
35.	Meshref Al-ruwaili, SaqerHerzallah, Haneer Al-Dmoor and Raed Al-Atiyat. 2014. Effect of Broiler Commercial Strains on Total and Free Cholesterol Levels of Chicken Muscle Tissues. Global Veterinaria 12 (3): 381-383.	-
36.	Al-Atiyat, R., A.M. Abudabos, 2014. Molecular diversity of different chicken populations based on nucleotides sequencing. Journal of Food, Agriculture and Environment 12 (2): 379-382.	0.435
37.	Al-Atiyat Raed M. and Riyadh S. Aljumaah. 2013. Simulated breeding scenarios for improving Hejaz goat performance in subtropics. Journal of Food, Agriculture and Environment Vol.11 (2): 440-444.	0.435
38.	Alaeldein M. Abudabos, Emad Samara, Elsayed O.S. Hussein, Raed M. Al-Atiyat, Ahmad Al-	0.789

	Haidary. 2013. Influence of stocking density on welfare indices of broilers. Italian Journal of Animal Science, 12 (2): e35. DOI: 10.4081/ijas.2013.e35	
39.	Al-Atiyat , R.M. and A.M. Abudabos, 2013. Phylogenetic trees reconstruction for Jordan indigenous chickens and commercial broiler from DNA sequencing. Int. J. Agric. Biol., 15: 761–766	0.902
40.	Alaeldein M. Abudabos, Emad M. Samara, Elsayeid O.S. Hussein, Mu'ath Q. Al-Ghadi, Raed M. Al-Atiyat . 2013. Impacts of stocking density on the performance and welfare of broiler chickens. Italian Journal of Animal Science, 12 (1):66-71	0.789
41.	Hosam J. Al-Tamimia, Belal S. Obeidat, Abdullah Y. Abdullah, Raed M. Al-Atiyat . 2013. Disproportionate thermophysiological strain between intensively- and extensively-managed goats during summer. Small Ruminant Research, 109:1-8.	1.099
42.	Al-Atiyat Raed M., Naser M. Salameh and Mohammad J. Tabbaa, 2012. Phylogeny and Evolutionary Analysis of Goat Breeds in Jordan Based on DNA Sequencing. Pakistan Journal of Biological Sciences, 15: 850-853.	-
43.	Al-Atiyat Raed M. 2012. Genetic diversity of Jordan indigenous layers and genetic distance with exotic layers. The Journal of Animal and Plant Sciences, 22(4):480-487	0.638
44.	Al-Atiyat R., Tabbaa MJ.,Salameh N., Tarawneh K., Al-Shmayla L., Al-Tamimi H. 2011. Analysis of genetic variation of fat tailed-sheep in southern region of Jordan. Asian Journal of Animal and Veterinary Advances. 7 (5):378-389.	0.869
45.	Al-Atiyat R., T. Rewe, P. Herold and A. Valle Zárate. 2010. A Simulation Study to Compare Different Breeding Scenarios for Black Bedouin Goat in Jordan. Eg. J. of Sheep & Goat Sciences, 5 (1): 83-92.	0.869
46.	Al-Atiyat R., 2010. Genetic diversity of indigenous chicken ecotypes in Jordan. African Journal of Biotechnology Vol. 9(41): 7014-7019.	0.466
47.	Al-Atiyat R., 2009. Extinction probabilities of Indigenous Cattle Population in Jordan using population viability analysis. Livestock science, 123:121-12.	1.410
48.	Al-Atiyat , R. and M. AlBddor, 2009. Using Logistic regression in evaluation adoption rate of feed block by sheep owners. Jordan Journal of Agriculture Research, 5 (1): 26-37.	-
49.	Al-Atiyat R., 2009. DNA polymorphism of Indigenous chickens in Jordan. Asian Journal of Animal and Veterinary Advances. 4(5)237-244	0.235
50.	Tabbaa M. and Al-Atiyat R. 2009. Breeding objectives, selection criteria and factors influencing them for goat breeding in Jordan. Small Ruminant Research, 84: 8–15	1.428
51.	Al-Atiyat R., 2009. Diversity of chicken populations in Jordan using discriminant analysis of performance traits. International Journal of Agriculture and Biology. 11 (4): 374–380	0.940
52.	Tabbaa M. and Al-Atiyat R. (2003) Correlation among some characteristics of lactation curve and environmental factors of Friesian cows raised under the conditions of Jordan Valley. Dirasat, Agriculture Science, Vol. 30, No. 2.	-
53.	Al-Atiyat R., Tabbaa M., and Lubbadah W. (1999). Some characteristics of lactation curve of Friesian cows in Jordan and factors affecting them. Dirasat, Agriculture Science, Vol. 26, No. 1.	-

* The impact factor of the Journal where the article published and it is as reported in the year of publication by Journal citation Report, Web of knowledge at ISI Thomson Reuter (<https://jcr.incites.thomsonreuters.com/>)

PUBLICATIONS: In Conference proceedings as first and main speaker

1. **Al-Atiyat R. M.**, 2017. Breeding Australian camels for meat demanded by gulf countries. Australian Camel Export Development in the Gulf States, Manager, Land and Culture Program of NGAANYATJARRA COUNCIL. Intercontinental Festival City Dubai, Dubai Festival City, United Arab Emirates; Jan 2017.
2. **Al-Atiyat R. M.**, 2015. Effect of Water Supplementation on the Bacterial Diversity of Ileum in Broilers. 2nd Middle East Molecular Biology Congress & Exhibition Congress, MEMBS. Congress Centre Istanbul. Turkey. Sep 2015.
3. **Al-Atiyat R. M.**, Suliman G. M., El-Waziry A. M., Al-Owaimer A. N. and Basmaeil S. 2015. Estimating Rapprochement Possibilities of Saudi Camel Breeds Using Discriminant Analysis of Meat Composition and Quality Characteristics Camel Conference, ISOCARD 2015 -; Almaty, Kazakhstan, 06/2015
2. **Al-Atiyat**, Raed M. 2014. Genetic distances and phylogenetic trees of different Awassi sheep populations based on DNA sequencing. 10th World Congress on Genetics Applied to Livestock Production. Vancouver, BC Canada.
3. **Al-Atiyat R.**, 2012. Sustainable breeding program of Hejaz goat for conserving genetic diversity. The Seventh International Scientific Agricultural Conference, SSAC – 2012. Irbid, Jordan
4. **Al-Atiyat R.**, 2010. Is climate change driving the indigenous livestock to extinction? A simulation study of Jordan indigenous cattle. In Solh M. and Saxena M (Editors). Food Security and Climate Change in Dry Areas. Proceedings of an International Conference, ICARDA. 1-4 February 2010, Amman, Jordan
5. **Al-Atiyat** Raed M. and Mohammad J. Tabbaa. 2009. Role of livestock in poverty alleviation and food security: A review Study. In Proceeding of Jordan Society of Scientific research. Amman, Jordan
6. **Al-Atiyat R.**, 2008. Power of Microsatellite markers in detecting parentage of animals. 2nd Jordanian Egyptian Conference on Biotechnology, Yarmouk University, Irbid, Jordan. Nov. 2008.
7. **Al-Atiyat R.**, 2008. Conservation genetics of indigenous animals of Jordan- A case study. Globdiv Summer Workshop. Global Biodiversity of livestock, 6-12 September 2008. Piacenza, Italy.
8. **Al-Atiyat R.**, 2007. Viability and Dynamics of Indigenous Cattle Population in Jordan. Proceeding of 6th Jordanian Agricultural scientific conference. Amman-Jordan. D33
9. **Al-Atiyat R.**, 2006, Biodiversity of Indigenous Chicken in Jordan using DNA Markers. Proceeding of 1st EJ Conference on Biotechnology and Sustainable Development, Cairo-Egypt.
10. **Al-Atiyat R.**, 2006. Assessment of biodiversity of indigenous chicken in Jordan. 8th World Congress on Genetics Applied to Livestock Production, August 13-18, , Belo Horizonte, MG, Brazil
11. **Al-Atiyat**, R. 2006. DNA based parentage testing in sheep. Biotechnology in Agriculture conference, Al-BALQA Applied Univeristy-NCARE. February 7th 2006. Amman-Jordan.
12. **Al-Atiyat**, R., Flood W. D., Franklin I. B.P. Kinghorn and Ruvinsky A. 2003. Genetic structure of selected Merino sheep populations. Proceedings of XIX International Congress of Genetics. P.133. Melbourne, Australia
13. **Al-Atiyat**, R., Flood W. D., Franklin I. B.P. Kinghorn and Ruvinsky A. (2002). Microsatellite variation and population genetic structure of selected Merino sheep flocks. Proceedings of 7th World Congress on Genetics Applied to livestock production. P.98. Montpelier-France.

ACADEMIC ACTIVITY AND CONTRIBUTION

A. Teaching Courses of Full responsibility

1. Animal Breeding and Genetics
2. Principles of Genetics
3. Basics and Quantitative Genetics
4. Molecular Genetics and Biotechnology
5. Animal Biotechnology
6. Principles of Animal Sciences
7. Experimental Design and Statistical Analysis
8. Horse Rearing
9. Principles of Animal production
10. Student Seminar

B. Teaching Courses of Part responsibility (Genetics part or Coordinating)

1. Sheep and Goat Production
2. Cattle Production
3. Poultry Production
4. Animal Products
5. Elective Courses

C. Teaching Master and PhD programs courses

D. Supervision and Co-Supervision of many Master and PhD students.

FELLOWSHIPS AND SCHOLARSHIPS

- Research Visitor to Hohenheim University - Germany in summer semester (June-August), 2009, 2010 and 2011 funding through DFG and DAAD of Germany.
- Research Fellowship in Animal Genetics lab. , Animals Sci. Dep., University of New England, Australia. 2004.
- Scholarship of PhD study from Mutah University, Jordan. 2000-2004
- Scholarship of Master Degree study from University of Jordan, Jordan. 1994-1996.

ACADEMIC AND PROFESSIONAL SKILLS

- Research management and Statistical Analysis system (SAS) expert. (plz, see attached certificates)
- DNA extraction, testing and its bioinformatics expert (plz, see attached certificates)
- Professional Academic Teaching and learning expert (plz, see attached certificates)
- Academic Accreditation expert (plz, see attached certificates)

ACADEMIC SERVICES FOR LOCAL AND INTERNATIONAL COMMUNITY

- Board of Editor Member in many specialized and refereed journals of Animal breeding and Genetics in Jordan and Worldwide.
- Reviewers for hundreds of manuscript published in and refereed journals of Animal breeding and Genetics in Jordan and Worldwide.