

Curriculum Vitae

Name: Saeb Abdul-Rahman Younis

Nationality: Iraqi

Social Stare: Married (5 children)

Address: College of Agriculture & Forestry- University of Mosul –Iraq

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Scientific Education:

Degree	Date	University	General Specialization	Minor Specialization
B.V.M. S.	1980	Mosul	Medicine & Veterinary Surgery	
M.Sc.	1989	Mosul		Veterinary Physiology
Ph.D.	1995	Mosul		Veterinary Physiology

Scientific Degree:

Assistant Lecturer: 1990-1995.

Lecturer: 1995-1999.

Assistant Professor: 1999-2008.

Professor: 2008- until now

Languages:

Arabic & English (Reading- Writing- Talking).

Teaching:

Under Graduate:

- 1-Animal Physiology.
- 2-Avian Physiology.
- 3-Reproductive Physiology.
- 4-Animal& Poultry Diseases.
- 5-Animal Hygiene.
- 6-Animal Product Hygiene.
- 7-General Physiology (College of Pharmacy-1996-1997).

Post Graduate:

- 1- Endocrinology.
- 2- Comparative Physiology.
- 3- Animal Physiology.
- 4- Cell Physiology.
- 5- Avian Physiology.
- 6- Physiology of Reproduction.

Post Graduate Supervision

Scientific Degree	Graduate Students	Continued
M.Sc.	9	
Ph.D.	13	2

*** Supervision of Graduate students:**

(A) Supervisor of the following M.Sc. thesis.

Alkattan, M. M. D (1998). *Effect of Some Hypoglycemic Plants (Fenugreek Seeds, Olive Leaves on Some Physiological Parameters and Feed Efficiency in Rabbits.* (M.Sc. Thesis), College of Agriculture and Forestry, University of Mosul, Iraq.

Al-Nuaimmi, S. M. A. (1999). *Effect of Some Hypoglycemic Plants on Some Physiological and Biochemical Parameters and Feed Efficiency in Broiler Chicken.* (M.Sc. Thesis), College of Agriculture and Forestry, University of Mosul, Iraq.

Sultan, Kh. H. (2002). *Effect of Olive Leaves and Fenugreek Seeds on Some Physiological and Productive Parameters in Rabbits.* (M.Sc. Thesis), College of Agriculture and Forestry, University of Mosul, Iraq.

Salah, S. I. (2008). *Effect of Using Vitamin A, C & Fenugreek Seeds on Some Physiological & Histological Parameter of Male Arber Acers Breeders.* (M.Sc. Thesis), College of Agriculture and Forestry, University of Mosul, Iraq.

Al-Rahawi, Gh. A. M. (2010). *Effect of Vitamin E & C on Some Physiological & Productive Parameter in Quail.* (M.Sc. Thesis), College of Agriculture and Forestry, University of Mosul, Iraq.

Al-Obaidy, R. N. S. (2012). *Effect of Fenugreek Seeds and Olive Leaves Supplementation on Productive and Physiological Performance in Laying Hen Breeders ISA- Brown.* (M.Sc. Thesis), College of Agriculture and Forestry, University of Mosul, Iraq.

Khrofa, W. Kh. A. (2013). *Effect of Vitamin E & Selenium in Some Physiological Characters and Milk Production & Constituents in Meirz Goats.* (M.Sc. Thesis), College of Agriculture and Forestry, University of Mosul, Iraq.

Sideeq, N. N. (2014). *Effect of Vitamin C, Red Pepper and Oak Leaves on Physiological and Productive Performance of Quail*. (M.Sc. Thesis), College of Agriculture and Forestry, University of Duhok, Iraq.

Al-Sulaivany. M. A. (2016). *Effect of Ginger and Black Cumin Supplementation on Productive and Physiological Performance of Quail*. (M.Sc. Thesis), College of Agriculture and Forestry, University of Mosul, Iraq.

(B) Supervisor of the following Ph.D. thesis.

Al-Neemy, D. Th. (2002). *Effect of Feed Withdrawal, Addition of Potassium Chloride & Acclimation to Alleviate the Heat Stress in Some Physiological Characteristics & Productive Performance of Broiler Chicken*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.

Al-Kattan, M. M. D. (2006). *Effect of Some Antioxidants in Productive Performance and Some Physiological Characters in Laying Hens*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.

Taha, A. T. (2008). *The Role of Vitamin A, C & Fenugreek Seeds in Lowering Oxidative Stress Effect on Physiological & Reproductive Performance of Male's Broiler Breeder*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.

Al-Naemi, R. S. M. (2008). *The Role of Oxidative Stress in Renal Stone Formation*. (Doctoral Dissertation), College of Medicine, University of Duhok, Iraq.

Al-Mojamii, R. I. Kh. (2011). *Study the Effect of Awassi Ewe Lambs Body Weight on its Puberty & the Changes in Some Biochemical and Hormonal Parameters & its Productivity*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.

Sultan, Kh. H. (2012). *Effect of Feeding Systems, and Hormonal Treatment on Some Productive and Reproductive Performance Aspects in Awassi Sheep*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.

- Abdul-Majeed, A. F. (2013). *Effect of H₂O₂-Induced Oxidative stress, Ginger and Vitamin C on the Antioxidant Level, Physiological & Productive performance of Quail and its Progeny*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq. <https://orcid.org/0000-0001-7331-9969>
- Al-Nuammi, S. M. A. (2013). *Effect of Methionine, Fenugreek Seeds Supplementation & Induced-Oxidative Stress on Antioxidant Status & Some Physiological Characters & Reproductive Performance of Quails*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.
- Mohammed, S. M. (2016). *Effect of Some Diluents & Antioxidants on Shami Goat Semen Characteristics*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.
- Ibrahim, A. M. (2017). *Effect of Vegetable Oil type & Vitamin C in Some Physiological, Productive Traits & Immunological State of Broiler Breeders & Their Progeny*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.
- Al –Chalabi, A. M. B. (2019). *The effect Chamomile Flowers, Oak leaves and Probiotics Supplementation on Physiological Productive Performance of Quail Under Normal and Heat Stress Condition*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.
- Hameed, H. M. (2020). *Comparative Study to the Effect of β -mannanase, Lysolecithin and Probiotic on Quail Ration (*Coturnix coturnix*) on Physiological and Productive Performance*. (Doctoral Dissertation), College of Veterinary Medicine, University of Mosul, Iraq.
- Kassim, H. W. (2020). *The Synergistic Impact of Protected Methionine and Lysine Mixture on Physiological and Productive Performance of Awassi Ewes*. (Doctoral Dissertation), College of Agriculture and Forestry, University of Mosul, Iraq.

Conferences

- (1) The 2nd Scientific Conference of Animal Sciences College of Agri. And Forestry. Uni of Mosul. IRAQ (2000).
- (2) The 4th Scientific Conference, College of Vet. Medicine. Uni of Mosul. IRAQ (2006).
- (3) The 5th Scientific Conference. College of Vet. Medicine, Uni. of Mosul IRAQ (2009).
- (4) The 6th Scientific Conference. College of Vet. Medicine. Uni. of Mosul. IRAQ (2012).
- (5) The 3rd Scientific Conference of Animal Sciences College of Agri. And Forestry. Uni of Mosul. IRAQ (2012)
- (6) The 1st International Agricultural Conference. Uni. of Aleppo. SYRIA (2008).
- (7) The 4th International Poultry Conference. College of Vet. Medicine. Uni. of Albath. SYRIA (2009).
- (8) The 2nd International Conference for Food Safety. College of Vet. Medicine. Uni. of Albath. SYRIA (2010).
- (9) International Animal Science Congress of Turkish and Relatives Communities. Suleyman Demirel Uni. Asparta. TURKEY (2012).
- (10) The 1st Scientific International Conference. College of Agri. And College of Vet. Medicine. Uni. of Tikrit. IRAQ (2013).
- (11) The 3rd International Scientific Conference in Agri. Production College of Agri. Kufa Uni. IRAQ (2013).
- (12) The 6th International Balkan Animal Conference. Namik Kemal Uni. Faculty of Agri. Dept. of Animal Science. Tekirdag. TURKEY (2013).

(13) The 3rd Scientific Conference for Biological Sciences College of Science. Uni. of Mosul IRAQ (2018)

(14) The 7th Scientific Conference for Agri. Researches. College of Agri. Uni. of Tikrit. IRAQ (2018).

Researches

- 1- Abdul-Rahman, S. Y., & Mohy Eldeen, Kh. (1992). Effect of dexamethasone on leukocytes in sheep. *Indian Journal of Veterinary Medicine*, 12 (2), 52-55.
- 2- Abdul-Rahman, S. Y. (1997). Effect of hydrogen peroxide and starvation on tissue levels of glutathione and lipid peroxidation in rats. *Mesopotamia Journal of Agriculture*, 29(2), 15-19.
- 3- Abdul-Rahman, S. Y. (1998). Effect of betamethasone treatment on some blood constituent of male rats before and after puberty. *Mesopotamia Journal of Agriculture*, 30(1), 108-112.
- 4- Abdul-Rahman, S. Y. (1998). Effect of butylated hydroxy anisole (BHA) treatment on tissue glutathione (GSH) levels in alloxan-induced diabetes in the male rats. *Mesopotamia Journal of Agriculture*, 30(3), 27-30.
- 5- Abdul-Rahman, S. Y., & Alkatan, M. M. (1998). Effect of fenugreek treatments on carbohydrate metabolism in rabbits. *Mesopotamia Journal of Agriculture*, 31(2), 80-84.
- 6- Abdul-Rahman, S. Y., Ahmed, F. A., & Wohaieb, S. A. (1998). Effect of xylazine on fluid and electrolyte excretion in hypoglycemic-starved and insulin-treated rats. *Iraqi Journal of Veterinary Sciences*, 11(2), 164-170.
- 7- Abdul-Rahman, S. Y., & Ismael, M. Kh. (2000). Effect of butylated hydroxy anisole (BHA) treatment on tissue lipid peroxidation in alloxan induced diabetes in the male rats. *Mesopotamia Journal of Agriculture*, 32(3), 10-13.
- 8- Abdul-Rahman, S. Y., Janker, M. H., & Alkatan, M. M. (2001). Effect of oak leaves extract on blood glucose and cholesterol in chickens. *Rafidain Journal of Science*, 12(2), 5-9.
- 9- Abdul-Rahman, S. Y., Janker, M. H., & Alkattan, M. M. (2005). Effect of oak leaves boiled extract on some physiological and biochemical parameters in local male rabbits. *Rafidain Journal of Science*, 16(6), 39-44. <http://dx.doi.org/10.33899/rjs.2005.43289>
- 10- Abdul-Rahman, S. Y., & Alkatan, M. M. (2006). Effect of using olive leaves in fatty liver syndrome in laying hens (2006). The 4th Scientific Conference, College of Veterinary Medicine, University of Mosul, 2006. (Pp: 507 – 515).
- 11- Abdul-Rahman, S. Y., Al-Kattan, M. M., & Janker, M. H. (2006). Effect of thyme leaves extracts in blood glucose and cholesterol level and other parameters in local male rabbits. *Rafidain Journal of Science*, 17(11), 237-244. <https://2u.pw/JJHR3>
- 12- Ibrahim, I. M., Abdul-Rahman, S. Y., & Younis, D. Th. (2006). Effect of adding potassium chloride to drinking water to reduce the negative effect of heat stress on

- some physiological and productive traits of broiler chicken. *Mesopotamia Journal of Agriculture*, 34(3), 76-84. <http://dx.doi.org/10.33899/magrj.2006.26365>
- 13- Sultan, Kh. H., & Abdul-Rahman, S. Y. (2006). Effect of olive leaves boiled extracts on some physiological and productive parameters in rabbits. *Mesopotamia Journal of Agriculture*, 34(4), 74-81. <http://dx.doi.org/10.33899/magrj.2006.26405>
 - 14- Abdul-Rahman, S. Y., & Alkattan, M. M. (2007). The use of methionine in treatment of fatty liver hemorrhagic syndrome experimentally induced of hydrogen peroxide in laying hens. *Mesopotamia Journal of Agriculture*, 35(2), 63-69. <http://dx.doi.org/10.33899/magrj.2007.26483>
 - 15- Alkattan, M. M., & Y Abdul-Rahman, S. Y. (2007). Effect of the treatment with olive leaves on carbohydrate metabolism in rabbits. *Rafidain Journal of Science*, 18(4), 1-7. <http://dx.doi.org/10.33899/rjs.2007.42697>
 - 16- Alkattan, M. M., Abdul-Rahman, S. Y., & Sultan, Kh. H. (2007). Effect of some antioxidants on glutathione and lipid peroxidation in laying tissues. *Mesopotamia Journal of Agriculture*, 35(2), 70-74. <http://dx.doi.org/10.33899/magrj.2007.26493>
 - 17- Sultan, Kh. H., Abdul-Majeed, A. F., & Abdul-Rahman, S. Y. (2007). Effect of thyme leaves on blood glucose, reproductive and productive parameters in male and female local rabbits. *Mesopotamia Journal of Agriculture*, 35(3), 34-41. <http://dx.doi.org/10.33899/magrj.2007.26503>
 - 18- Younis, D. Th., Ibrahim, M. I., & Abdul-Rahman, S. Y. (2007). Effect of adding vitamin C to drinking water in the physiological and productive performance of broiler chickens reared under high temperature. *Mesopotamia Journal of Agriculture*, 35(4), 39-46. <http://dx.doi.org/10.33899/magrj.2007.26525>
 - 19- Abdul-Rahman, S. Y. (2008). Effect of oak (*Quereus aegilops*) leaves extract on blood glucose and lipid profile in rabbits. *Mesopotamia Journal of Agriculture*, 36(3), 57-62. <http://dx.doi.org/10.33899/magrj.2008.26788>
 - 20- Abdul-Rahman, S. Y., & Alkattan, M. M. (2009). Effect of some antioxidants on some physiological and reproductive parameters in laying hens. *Iraqi Journal of Veterinary Sciences*, 23(Supplement 2), 377-384. <https://n9.cl/zf9wo>
 - 21- Abdul-Rahman, S. Y., Abdul-Majeed, A. F., & Alkattan, M. M. (2009). Effect of sesame seeds on blood physiological and biochemical parameters in broiler breeder hens. *Iraqi Journal of Veterinary Sciences*, 23(1), 25-28. <http://dx.doi.org/10.33899/ijvs.2009.5691>
 - 22- Sultan, Kh. H., & Abdul-Rahman, S. Y. (2009). Effect of fenugreek seeds boiled extracts on some physiological and productive traits in rabbits. *Iraqi Journal of Veterinary Sciences*, 23(Suppl. 1). <https://n9.cl/pszh6g>
 - 23- Abdul-Rahman, S. Y., Sultan, Kh. H., & Taha, A. T. (2010). The effect of use of fenugreek seeds on the reproductive performance of aged broiler breeder males. *Tikrit Journal for Agricultural Sciences*, 10(2), 156-163. <https://n9.cl/glof9>
 - 24- Abdul-Rahman, S. Y., Abdullah, R. Kh., & Sultan, Kh. H. (2011). Effect of grazing and feeding frequency on some productive characteristics and semen quality of Awassi lambs. *Research Opinions in Animal & Veterinary Sciences*, 1(Issue 10), 644-649. http://www.roavs.com/pdf-files/Issue_10_2011/644-649.pdf
 - 25- Ibrahim, M. I., Abdul-Rahman, S. Y., & Younis, D. Th. (2011). Acclimation as a method to reduce the heat stress effect on some physiological and productive

- parameter of broiler. *Mesopotamia Journal of Agriculture*, 39(2), 79-87. <http://dx.doi.org/10.33899/magrj.2011.30383>
- 26- Ibrahim, M. I., Abdul-Rahman, S. Y., & Younis, D. Th. (2011). Effect of feed withdrawal to reduce the negative effect of heat stress on some physiological traits and productive performance of broiler chicken. *Mesopotamia Journal of Agriculture*, 39(3), 84-93. <http://dx.doi.org/10.33899/magrj.2011.31152>
 - 27- Sultan, Kh. H., & Abdul-Rahman, S. Y. (2011). Effect of probiotic on some physiological parameters in broiler breeders. *International Journal of Poultry Science*, 10(8), 626-628. <https://2u.pw/ZXDGc>
 - 28- Taha, A. T., & Abdul-Rahman, S. Y. (2011). Effect of the oxidative stress (induced by H₂O₂) and vitamin C in some semen traits and antioxidant status in broiler breeder males. *5th Scientific Conference of College of Agriculture-Tikrit University 26-27 April 2011*.
 - 29- Younis, D. Th., Ibrahim, M. I., & Abdul-Rahman, S. Y. (2011). Effect of feed withdrawal in nutritional behavior for broiler reared under hot weather. *2nd Scientific Conference for Biological Science – Science College-Mosul University-16-17 Nov. 2011*, Pp:112-121.
 - 30- Abdul-Majeed, A. F., Alkarad, H. A., & Abdul-Rahman, S. Y. (2012). Effect of vitamin C on blood picture and some biochemical parameters of quail stressed by H₂O₂. *Iraqi Journal of Veterinary Sciences*, 26(2), 77-82. <http://dx.doi.org/10.33899/ijvs.2012.67445>
 - 31- Abdul-Rahman, S. Y. (2012). Effect of fenugreek seeds on some physiological characters in broiler breeders males. *Mesopotamia Journal of Agriculture*, 40(Supplement 2), 1-8. <http://dx.doi.org/10.33899/magrj.2012.62455>
 - 32- Abdul-Rahman, S. Y., & Al-Rahawi, Gh. A. M. (2012). Effect of vitamin E and C on sexual puberty, some biochemical characters and egg quality of quail (*Coturnix coturnix*). *Iraqi Journal of Veterinary Sciences*, 26(Supplement 3), 295-301. <http://dx.doi.org/10.33899/ijvs.2012.168740>
 - 33- Ahmad, N. N., Abd-Rahman, S. Y., & Khalil, R. I. (2012). Study the effect of Awassi ewe lambs body weight on some reproduction efficacy parameters. *Mesopotamia Journal of Agriculture*, 40(4), 124-132. <http://dx.doi.org/10.33899/magrj.2012.60729>
 - 34- Azawi, S. H. A., Khalil, R. I., Abd-Rahman, S. Y., & Ahmad, N. N. (2012). The effect of body weight at attainment of puberty on carcass quality and ovarian follicles enhancement in local Awassi ewe lambs. *Diyala Journal of Agricultural Sciences*, 4(1), 42-49. <https://2u.pw/JmAqD>
 - 35- Ibrahim, M. I., Abdul-Rahman, S. Y., & Younis, D. Th. (2012). Effect of adding potassium chloride in nutritional behavior of broiler reared under rotatory. *Mesopotamia Journal of Agriculture*, 40(2), 181-192. <http://dx.doi.org/10.33899/magrj.2012.62454>
 - 36- Sultan, Kh. H., Abdul-Rahman, S. Y., & Abdullah, R. Kh. (2012). Effect of some feeding systems and hormonal treatment on reproductive performance and lambs' growth in Awassi sheep. *Mesopotamia Journal of Agriculture*, 40(2), 33-43. <http://dx.doi.org/10.33899/magrj.2012.63461>
 - 37- Younis, D. Th., Abdul-Majeed, A. F., & Abdul-Rahman, S. Y. (2012). Effect of using germinated sorghum in physiological and productive performance of two quail

- strains. *Mesopotamia Journal of Agriculture*, 40(4), 141-150. <http://dx.doi.org/10.33899/magrj.2012.60186>
- 38- Abdul-Majeed, A. F., Alkarad, H. A., & Abdul-Rahman, S. Y. (2013). Effect of vitamin C supplementation on productive performance and egg quality of H₂O₂ stressed quail. *Mesopotamia Journal of Agriculture*, 41(4), 154-162. <https://2u.pw/95m2j>
- 39- Abdul-Majeed, A. F., Alkarad, H. A., & Abdul-Rahman, S. Y. (2013). Effect of zingiber, vitamin C and hydrogen peroxide on some physiological and productive parameters in male quails. *Al-Furat University Journal for Researches and Scientific Studies*, 7(25), 218-242. http://journal.alfuratuniv.edu.sy/downloads/files/1549064891_12.pdf
- 40- Abdul-Rahman, S. Y., & Al-Obaidy, R. N. SH. (2013). Effect of fenugreek seeds and olive leaves on some physiological characters of laying hen breeders. *Mesopotamia Journal of Agriculture*, 41(3), 111-121. <http://dx.doi.org/10.33899/magrj.2013.80299>
- 41- Abdul-Rahman, S. Y., & Al-Rahawi, Gh. A. M. (2013). Effect of vitamin E and C in some productive and physiological traits of quail. *Kufa Journal for Agricultural Sciences*, 5, (Special Issue 3):153-172.
- 42- Abdul-Rahman, S. Y., Abdullah, R. Kh., & Sultan, Kh. H. (2013). Effect of grazing, feeding frequency and hormonal treatment on some productive and physiological parameters in Awassi ewes during pregnancy period. *Mesopotamia Journal of Agriculture*, 41(2), 112-123. <http://dx.doi.org/10.33899/magrj.2013.81106>
- 43- AlDbbagh, S. F., Khalil, R. I., Ahmed, N. N. & Abdul-Rahman, S. Y. (2013). Study of the effect of body weight and physiological status on wool yield and traits for the early mating of Awassi ewes. *Diyala Agricultural Sciences Journal*, 5(1), 16-23. <https://2u.pw/rjRMF>
- 44- Alkatan, M. M., & Abdul-Rahman, S. Y. (2013). Effect of fenugreek seeds and olive leaves on antioxidant status, some reproductive and productive parameters in laying hens. *Tikrit Journal for Agricultural Sciences*, 13(3), 81-90. <https://2u.pw/g8sV6>
- 45- Sultan, Kh. H., Abdul-Rahman, S. Y., & Abdullah, R. Kh. (2013). Effect of management systems and hormonal treatment on reproductive performance and lambs' growth of Awassi sheep. *VIth International Balkan Animal Conference Balnimalcon 2013. Namık Kemal University Faculty of Agriculture Department of Animal Science, Turkey*. <https://2u.pw/ZsYC7>
- 46- Taha, A. T., & Abdul-Rahman, S. Y. (2013). Effect oxidative stress and vitamin A in some semen treats and antioxidant status in broiler breeder male. *Tikrit Journal for Agricultural Sciences*, 13(3), 270-280. <https://2u.pw/k6gNv>
- 47- Younis, D. Th., & Abdul-Rahman, S. Y. (2014). Effect of ration wetting in productive and physiological performance of quail reared under high temperature. *Iraqi Journal of Veterinary Sciences*, 28(1), 1-6. <http://dx.doi.org/10.33899/ijvs.2014.89334>
- 48- Abdul-Rahman, S. Y., Sultan, K. H., & Omar, S. Gh. (2015). Effect of lambing season and production stage in some milk traits and udder health state in Awassi ewes. *Tikrit Journal for Agricultural Sciences*, 15(4), 122-133. <https://2u.pw/fp9te>
- 49- Tayeb, I. T., Abdul-Rahman, S. Y., & Sideeq, N. N. (2015). Effect of vitamin C, red pepper and oak leaves on physiological and productive performance of quail. *KSÜ Doğa Bilimleri Dergisi*, 18(2), 1-9. <https://2u.pw/6yJuj>

- 50- Al-Nuaimmi, S. M., & Abdul-Rahman, S. Y. (2017). Effect of quail breeders' treatment with fenugreek seeds, methionine and H₂O₂ on reproductive aspects and antioxidant status of quail progeny. *Mesopotamia Journal of Agriculture*, 45(4), 131-138. <http://dx.doi.org/10.33899/magrj.2017.161375>
- 51- Abdul-Rahman, S. Y., & Khrofa, W. Kh. A. (2018). Effect of vitamin E and selenium on body weight of Meriz does and it's kids and milk production and constituents. *Mesopotamia Journal of Agriculture*, 46(2), 116-123. <http://dx.doi.org/10.33899/magrj.2018.161449>
- 52- AL Chlabi, A. M., & Abdul-Rahman, S. Y. (2018). Effect of adding chamomile flowers, oak leaves and probiotics to quail ration on antioxidant status lipid profile. *Rafidain Journal of Science*, 27(4), 334-342. <https://2u.pw/YD7gk>
- 53- Al-Nuaimmi, S. M., & Abdul-Rahman, S. Y. (2018). Effect of fenugreek seeds (*Trigonella foenum graecum*), methionine and induced oxidative stress on some biochemical parameters and antioxidants status for some tissues in quail. *Mesopotamia Journal of Agriculture*, 46(1), 87-94. <http://dx.doi.org/10.33899/magrj.2018.161420>
- 54- Mohammed, M. S., Abdul-Rahman, S. Y., & Azzawi, O. I. (2018). Improvement of Shami goat semen quality outside and inside the reproductive season by adding antioxidants. *Tikrit Journal for Agricultural Sciences* 18(2), 192-200. <https://2u.pw/vA77E>
- 55- Mohammed, M. S., Abdul-Rahman, S. Y., & Azzawi, O. I. (2018). The effect of addition antioxidants extender semen goat Shami inside and outside the reproductive season. 7th Scientific Conference, 10-11 April, 2018. *Tikrit Journal for Agricultural Sciences* 18(Special Issue), 629-635. <https://www.iasj.net/iasj/download/a146bddfb442359d>
- 56- Abdul-Rahman, S. Y., & Sultan, Kh. (2019). Effect of vitamin A and grazing in some physiological characters and milk production of Meriz does. *Iraqi Journal of Veterinary Sciences*, 33(2), 359-365. <http://dx.doi.org/10.33899/ijvs.2019.163080>
- 57- AL Chlabi, A. M., & Abdul-Rahman, S. Y. (2019). Effect of ration supplementation with chamomile, oak leaves and probiotic on antioxidant status and enteric microflora of heat-stressed quail. *Mesopotamia Journal of Agriculture*, 47(Supplement 1), 1-9. <https://iasj.net/iasj/download/5e91375af1d1a552>
- 58- Al-Sulivany, M. A., Abdul-Rahman, S. Y., & Tayeb, I. T. (2019). Effect of zingiber supplementation on microbial content and coefficient of stress and some productive performance of Quail. *Journal of Kirkuk University for Agricultural Sciences*, 10(2):23-31.
- 59- Tayeb, M. A., Abdul-Rahman, S. Y., & Tayeb, I. T. (2019). The physiological effects of some medical plants in fertility, hatchability, and egg production of quail. *Mesopotamia Journal of Agriculture*, 47(Supplement 1), 17-29. <https://2u.pw/w7dle>
- 60- Hameed, H. M., Aga, F. K., & Abdul-Rahman, S. Y. (2020). Effect of β-mannanase, lysolecithin and probiotic on some reproductive performance and hormone profile in female quail. *Iraqi Journal of Veterinary Sciences*, 34(1), 87-93. <http://dx.doi.org/10.33899/ijvs.2019.125587.1097>
- 61- Hameed, H. M., Tawfeek, F. K., & Adul-Rahman, S. Y. (2020). Comparative study to the effect of β-mannanase and lysolecithin and probiotic on some biochemical

- parameters in female quail. *Journal of The College of Basic Education*, Pp:157-173. <https://www.iasj.net/iasj/download/ac3a38d421c626cb>
- 62- Hameed, H. M., Tawfeek, F. K., & Adul-Rahman, S. Y. (2020). Effect of β -mannanase, lysolecithin and probiotic supplementation on intestinal ecosystem in female quail. *Biochemical and Cellular Archives*, 20(Supplement 2), <https://2u.pw/rvufI>
- 63- Kasim, H. W., Almallah, O. D., & Abdul-Rahman, S. Y. (2020). Impact of protected methionine and lysine on body weights during pregnancy, lactation periods and some indicators of productivity and quality of wool in Awassi ewes. *Mesopotamia Journal of Agriculture*, 48(2), 50-58. <http://dx.doi.org/10.33899/magrj.2020.126913.1036>
- 64- Abdul-Majeed, A. F., & Abdul-Rahman, S. Y. (2021). Impact of breed, sex and age on hematological and biochemical parameters of local quail. *Iraqi Journal of Veterinary Sciences*, 35(3), 459-464. <http://dx.doi.org/10.33899/ijvs.2020.126960.1432>
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