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20

Research
Papers

08

h- index

9.30

RG Score

↑14

Years
of Experience

BIO

Birth Date

01 May 1979

Nationality

Pakistani

Location

Multan, PK

ABOUT ME

More than 14 years of relevant experience. An award winning & confident instructor/ researcher able to develop professional linkages between public and private sectors. With a unique ability to conduct the training sessions with clarity and enthusiasm.

EDUCATION

- 2002 **University Of Agriculture**
B. Sc (Hons) Animal Husbandry
- 2004 **University of Vet. & A Sciences**
M.Sc. (Hons) Poultry Production
- 2021 **Universiti Putra Malaysia**
PhD Animal Production

CAREER TIMELINE

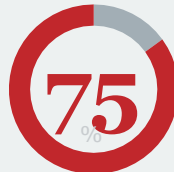


COMPLETED PROJECTS

Clean Broiler meat

Epidemiological
studies

Research &
Development



SKILLS

Program/ Team management



Research & Development



Leadership



Training Solution Management



LANGUAGE

English

Urdu

Arabic

HOBBIES





PUBLICATIONS

Research Articles

Abbas, A., Khan, M.J., Naeem, M., Ayaz, M., & Somro, M.H. (2012). Cation anion Balance in avian diet : (a Review). *Agricultural Science Research Journal*, 2(6), 302–307.

Ayaz, M.M., Khan, M.J., Aziz, B., Ahmed, M., Akhter, M.S., Khosa, M.A., & Khan, A.A. (2016). Evaluation of single slide fecal samples of Zoo animals through Micro Floatation Technique. *Pakistan Journal of Zoology*, 36, 37–41.

Ayaz, M.M., Nazir, M.M., Murtaza, S., Akhter, S., Zia, W., Khan, M.J., Farooq, A.A., Basit, A., & Naeem, M. (2014). *Pseudomonas Aeuroginosa and Streptococcus Hemolyticum in the larva of goat warble fly Przhivalskiana Silenus (Brauer), a unique combination: Fuculative or Commensals*. *Pakistan Journal of Zoology*, 34, 27–30.

Ayaz, M.M., Akhtar, S., Murtaza, S., Khan, M.J., Farooq, A., & Raza, M.A. (2013) A study on the external morphology of goat warble larvae (*P. silenus brauer*) in roohila breed in Pakistan. *International Journal of Engineering Science and Innovative Technology* (accepted; On Line).

Khan, M.J., & Qadir, S. (2008). Nutritive Value and Digestion Kinetics of Manure Ensiled Wheat Straw Treated with Varying Levels of Urea and Corn Grains. *Journal of Applied Science & Environment Management*, 12(2), 103 – 106.

Khan, M.J. (2011). The effect of different storage periods on post hatch results of fertile eggs from Japanese quail (*Coturnix japonica*) breeder. *Advanced Scholars in Business Management*, 1(1), 1–3.

Khan, M.J., Abbas, A., Ayaz, M., Naeem, M., Akhter, M.S., & Soomro, M.H. (2012). Factors affecting wool quality and quantity in sheep. *African Journal of Biotechnology*, 11(73), 13761–13766. <https://doi.org/10.5897/AJBX11.064>.

Khan, M.J., Abbas, A., Ayaz, M., Naeem, M., Qadir, S., Akhter, M.S., & Zia, W. (2012). Effect of Pre-Heating and Turning during storage period on Hatchability and Post Hatch Performance of Broilers. *ISCA Journal of Biological Sciences*, 1(2), 1–6.

Khan, M.J., Abbas, A., Naeem, M., Ayaz, M.M., & Akhter, S. (2013). Current Issues and Future Prospects of Dairy Sector in Pakistan. *Science Techology & Development*, 32(2), 126–139.



PUBLICATIONS

Research Articles

Khan, M.J. (2019). Epidemiological studies of different Eimerian species and their identification in commercial poultry of southern Punjab, Pakistan. *Frontiers in Nanoscience and Nanotechnology Research*, 5(3), 1–4.

<https://doi.org/10.15761/FNN.1000S2004>.

Khan, M.J., Shameli, K., Sazili, A.Q., Selamat, J., & Kumari, S. (2019). Rapid Green Synthesis and Characterization of Silver Nanoparticles Arbitrated by Curcumin in an Alkaline Medium. *Molecules*, 24(719), 1–12.

<https://doi.org/10.3390/molecules24040719>.

Khan, M.J., Kumari, S., Shameli, K., Selamat, J., & Sazili, A.Q. (2019). Green Synthesis and Characterization of Pullulan Mediated Silver Nanoparticles through Ultraviolet Irradiation. *Materials*, 12(2382), 1–12.

<https://doi.org/doi:10.3390/ma12152382>.

Khan, M.J., Kumari, S., Selamat, J., Shameli, K., & Sazili, A.Q. (2020). Reducing Meat Perishability through Pullulan Active Packaging. *Journal of Food Quality*, 2020, 8880977. <https://doi.org/https://doi.org/10.1155/2020/8880977>.

Khan, M.J., Kumari, S., Shameli, K., & Sazili, A.Q. (2021). Utilization of pullulan active packaging incorporated with curcumin and pullulan mediated silver nanoparticles to maintain the quality and shelf life of broiler meat. *Italian Journal of Animal Science*, 2012285.

<https://doi.org/10.1080/1828051X.2021.2012285>.

Khan, M.J., Kumari, S., Shameli, K., & Sazili, A.Q. (2022). Incorporation of transitional metal nanoparticles (C-AgNPs, P-AgNPs, M-AgNPs) into Pullulan active packaging. *Submitted for patent*.

Naeem, M., Salam, A., Ali, M., Mehreen, M., Khan, M.J., Ayaz, M.M., & Zuberi, A. (2011). Breeding performance of sustainable fish *Ctenopharyngodon idella* through single intramuscular injection of Ovaprim-C at Bahawalpur, Pakistan. *African Journal of Biotechnology*, 10(57), 12315–12318.

Naeem, M., Salam, A., Ashraf, M., Imran, M., Ahmad, M., Khan, M.J., & Ishtiaq, A. (2011). Studies on Seasonal Variations of Physico- Chemical Parameters of Fish Farm at Govt. Nursery Unit, Muzaffargarh, Punjab, Pakistan. In *World Academy of Science, Engineering and Technology*, 60, 1120–1124.

Naeem, M., Zuberi, A., Hasan, Z., Salam, A., Khan, M.J., Ayaz, M.M., & Ishtiaq, A. (2012). Length-weight and length-length relationships of freshwater wild catfish *Mystus bleekeri* from Nala Daik, Sialkot, Pakistan. *African Journal of Biotechnology*, 11(50), 11168–11172. <https://doi.org/10.5897/AJB12.958>.



PUBLICATIONS

Research Articles

Naeem, M., Zuberi, A., Salam, A., Ashraf, M., Elahi, N., Ali, M., Khan, M.J., & Ahmad, B. (2011). Induced spawning, fecundity, fertilization rate and hatching rate of Grass carp (*Ctenopharyngodon idella*) by using a single intramuscular injection of ovaprim-c at a fish hatchery Faisalabad, Pakistan. *African Journal of Biotechnology*, 10(53), 11048–11053.

Ramiah S.K., AttaAwad, E., Hemly, N.I.M., Ebrahimi, M., Joshua, O., Jamshed, M., Saminathan, M., Soleimani, A.F., & Idrus, Z. (2020). Effects of zinc oxide nanoparticles on regulatory appetite and heat stress protein genes in broiler chickens subjected to heat stress. *Journal of Animal Science*, 98(10), skaa300. doi: 10.1093/jas/skaa300. PMID: 32936879; PMCID: PMC7568430.



PUBLICATIONS

Conference/ Proceedings

Ayaz M.M., Basit A., Nazir M., Khan J., Akhtar S., Bibi F., & Raza A. (2015). Estimation and identification of GI parasites in migratory dromedary camels in district Multan, Pakistan. *4th Conference on ISOCARD, "Silk Road Camel: The Camelids, ManStakes For Sustainable Development", June 8-12, Almaty, Kazakhstan*, pp: 420. Мултан, Пәкістан көш-қон дромедарларының асқазан-ішек паразиттері. Оценка и определение паразитов ЖКТ в организме мигрирующих дромедаров в районе Мултан, Пакистан.

Ayaz, M.M., Khan, M.J., Nazir, M.M., Naeem, M., Akhtar, S., Aziz, M., Khosa, M.A., Lashary, M., & Khan, A.A. (2016). Evaluation of single slide fecal samples of zoo animals through microflotation technique. *36th Pakistan Congress of Zoology (International), February 16-18, 2016. University of Sindh, Jamshoro, Sindh, Pakistan*. Pp: 218.

Ayaz, M.M., Khan, M.J., Chaudhry, Z.A., & Hayat, S. (2010). Muhammadpuri breed titan of mutton production in Pakistan. *National conference on the strategies to improve red meat production in Pakistan. 13th October, 2010. Faculty of Vet. Sci. Bahauddin Zakariya University, Multan, Pakistan*.

Ayaz, M.M., Khan, M.J., Akhtar, S., & Naeem, M. (2012). Evaluation of single slide fecal samples of zoo animals through micro-floatation Technique. *The 87th Annual Meeting of the American Society of Parasitologists. Omni Richmond Hotel, Richmond, Virginia, July 13-16, 2012*.

Ayaz, M.M., Nazir, M.M., Murtaza, S., Akhter, S., Zia, W., Khan, M.J., Farooq, A. A., Basit, A., & Naeem, M. (2014). *Pseudomonas Aeuroginosa and Streptococcus Hemolyticum in the larva of goat warble fly Przhhevskiana Silenus (Brauer), a unique combination: Facultative or Commensals*. Proceedings International Zoology Conference, 34, 218.

Ayaz, M.M., Murtaza, S., Akhtar, S., Zia, W., Khan, M.J., Farooq, A., Basit, A., & Naeem, M. (2014). *Pseudomonas aurognosa and streptococcus hemolyticum in the larva (Prezhelvaskiana Silenus Brauer), a unique combination; Facultative or commensals. 34th Pakistan Congress of Zoology (International), 25-27 February, 2014, Jinnah Auditorium, BZU, Multan*. pp: 60.

Books/ Monographs

Poultry production

Diseases of birds

Equine/ camel Prod.



PUBLICATIONS

Conference/ Proceedings

Basit, M.A., Arshad, H.M., Aslam, B., Iqbal, Z., Khan, J., Murtaza, S., Ali, M., & Ayaz, M. (2010). Studies Of Physiological Parameters In Small Ruminants Especially In Goats (Dera Din Panah Breed) In Southern Punjab. *National conference on the strategies to improve red meat production in Pakistan. 13th October, 2010. Faculty of Vet. Sci. Bahauddin Zakariya University, Multan, Pakistan.*

Khan, M.J. (2010). Replacement feeding and Supplementation for the improved performance of Beef animals reared on ranches. *National conference on the strategies to improve red meat production in Pakistan. 13th October, 2010. Faculty of Vet. Sci. Bahauddin Zakariya University, Multan, Pakistan.*

Khan, M.J., Chaudhry, S.H., Ayaz, M., Basit, A., Arshad, H.M., & Akhtar, M.S. (2010) Swamp Buffalo The Elegant Beef Animal of the Globe. *National conference on the strategies to improve red meat production in Pakistan. 13th October, 2010. Faculty of Vet. Sci. Bahauddin Zakariya University, Multan, Pakistan.*

Khan, M.J., & Ali, M.A. (2012). Disasters, Major Threats for Livestock in Pakistan and Future Directions for Disaster Management. *Disaster Management in Agriculture Sector of Pakistan. PMAS, UA, Rawalpindi, Punjab, Pakistan.*

Khan, M.J., Akhtar, M., Ali, M.A., & Aziz, M. (2014). Organic Broiler Production, An objective to diminish Food borne Zoonoses. *1st International Conference of Zoology, 1, 47.*

Khan, M.J., Sufyan, A., Ayaz, M.M., Ali, M.A., & Naeem, M. (2014). Livestock production potential and use of modern technology in Pakistan. *International Livestock & Poultry Congress (ILDPC), March 11-12, 2014, Aiwan-e-Iqbal Complex, Egerton Road, Lahore Pakistan. Pp: 27.*

Khan, M.J., Kumari, S., Shameli, K., Selamat, J., & Sazili, A.Q. (2019). Characterization of curcumin arbitrated silver nanoparticles for food and meat preservation. *International Food Research Conference, PJ, Malaysia, FASQ 17 (IFRC: 027-095), 119.*

Khan, M.J., Sazili, A.Q., Shameli, K., Selamat, J., & Kumari, S. (2019). Rapid greensynthesis of curcumin arbitrated silver nanoparticles to enhance shelf life offood items. *UPM-KU postgraduate Colloquium and Research, UPM, Malaysia, 40-41.*

Books/ Monographs/ Editorials

Species of Livestock

Hatchability

Faculty Newsletter



RESEARCH INTERESTS

**Nano-
biotechnology**

**Nutri-
genomics**

Food Safety

**ANIMAL
HUSBANDRY**

**MILK AND MEAT
SAFETY**

CONTINUED

INTERESTS

ANIMAL BREEDING

Product Processing

MILK SAFETY



REFERENCES

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