

Dr. Hamayun Khan

List of Publications:

N.O	Title and authorship	Impact Factor
1.	Guo, H.; Khan, R.; Abbas Raza, S.H.; Suhail, S.M.; Khan, H. ; Khan, S.B.; Abd El-Aziz, A.H.; Zan, L. RNA-Seq Reveals Function of Bta-miR-149-5p in the Regulation of Bovine Adipocyte Differentiation. <i>Animals</i> 2021 , <i>11</i> , 1207. https://doi.org/10.3390/ani11051207	2.752
2.	A.Khan, RU Khan, MS Qureshi, M Mobashar, A Gohar, S Ahmad, Khan H and Naz S.2021 Effects of Different Equilibration Times on Post-Thaw Cryopreserved Semen Quality of Cattle and Buffalo Bulls. <i>Pakistan Journal of Zoology</i> 53 (2);613-618	0.831
3.	Ullah Z, Khan H , Hussain SM, Tarique Tunio M, Raihan Dilshad SM, Gohar A, Zahid H & Ali A (2019) Enhancement of Extender Excellence of Frozen Bull Semen Using α -Tocopherol as an Antioxidant <i>Acta Scientiae Veterinaria</i> . 47, 1641 . https://doi.org/10.22456/1679-9216.90447 .	0.321
4.	Khan, H. R, Muhammad M, Mehmood, M. U., Shahzad, Q., Gohar, A, Alam, M, Ali, Q., Kumbar, H.K. (2014). Biometric Assessment of the Testis in Pakistani Adult Male Goats (<i>Capra hircus</i>). <i>Pakistan Journal of Zoology</i> 46: 880	0.831
5.	Khattak NBS , Khan H , Tunio MT , Ahmad S , Ahmad N , Andrabi SMH , Obaidullah , Ali I, and Fang NZ <u>Dose-Dependent Effect of Green Tea (<i>Camellia sinensis</i>) Extract in the Post-Thawed Fertility Indicators of frozen Bovine Semen Extender</u> <i>Pakistan J. Zool.</i> , pp 1-10, 2021. DOI: https://dx.doi.org/10.17582/journal.pjz/20181230051216	0.831
6.	Ullah H, Khan RU, Mobashar M, Ahmad S, Sajid A, Khan NU, Usman T, Khattak I, Khan H (2019) Effect of yeast-based selenium on blood progesterone, metabolites and milk yield in Achai dairy cows. <i>Italian Journal of Animal Science</i> 18(1):1445–1450	1.805
7.	D Khan, H Khan , A Nazir, MT Tunio, M Tahir, MS Khan, RU Khan Early Pregnancy Diagnosis using Pregnancy-Associated Glycoproteins in the Serum of Pregnant Ruminants <i>Pakistan Journal of Zoology</i> 52 (2), 785	0.831
8.	Khan, Adnan; Khan, Rifat Ullah; Qureshi, Muhammad Subhan; Mobashar, Muhammad; Gohar, Ali; Ahmad, Shakoor; Khan, Kamran; Khan, Hamayun ; Naz, Shabana Effects of Different Equilibration Times on Post-Thaw Cryopreserved Semen Quality of Cattle and Buffalo Bulls. <i>Pakistan Journal of Zoology</i> . Apr2021, Vol. 53 Issue 2, p613-618. 6p.	0.831
9.	Khan, M.; Saleem, M.; Rahim, I.; Khan, H. ; Gohar, A.; Ahmad, S.; Salim, M.; Ali, Q. and Farmanullah, 2014. Assessment of morphometric, productive and reproductive characteristics of Azikheli buffalo in Swat valley in northern Pakistan. <i>Life Science Journal</i> 11:1-8 .	
10.	Mehmood, M.U.; Qamar, A.; Raza, S.; Khan, H. ; Shahzad, Q.; Sattar, A. Dystocia due to Perosomus Elumbis (<i>Acaudatus</i>) in a buffalo. <i>Pakistan Journal of Zoology</i> . 2014, 46, 1468–1470 .	0.831
11.	Fasiha Kamal , Hammad Ullah , Hamayun Khan , Yusuf Konca, Rifat Ullah Khan Effect of organic selenium on blood progesterone, metabolites, milk yield and service period of Jersey cows <i>Journal of Animal Physiology and Nutrition Science</i> VOL. 1, NO. 1, 7-11 https://doi.org/10.46417/JAPN/2020.002	

12.	Tasbihullah , Rahman SU, Ali T , Saddique U , Ahmad S , Shafiq M , Ayaz S , Khan H , Ahmad I, Asadullah , Taj R , Nidaullah H and Khan A. High Occurrence Rate of Multidrug-Resistant ESBL-Producing E. coli Recovered from Table Eggs in District Peshawar, Pakistan Pakistan Journal of Zoology ., vol. 52(4), pp 1231-1238, 2020	0.831
13.	Zakirullah; Khan, H ; Gohar, A; Amanullah, H; Younas, M; Tunio, M T; Khan, MS; Khan, Ibrar M; Khan, N L-Cysteine Addition in Tris-Citric Acid Extender Enhances Functional Characteristics of Post-Thaw Spermatozoa in Achai and Holstein Friesian Bulls under Subtropical Environment. Pakistan Journal of Zoology . Dec2019, Vol. 51 Issue 6, p2193-2198. 6	0.831
14.	Shahzad Q, Imran M, Khan H , Wadood AA, Khan MA, Binyameen M, Niazi AA. Serum concentration of calcium, inorganic phosphorous and magnesium in cyclic, non cyclic and repeat breeder buffaloes. Buffalo Bulletin 2016; 35 : 73-76.	0.110
15.	Khan H , Khan M, Qureshi MS, Ahmad S, Gohar A, Ullah H, Ullah F, Hussain A, Khatri P, Shah SSA, Rehman H and Khan A. 2017. Effect of green tea extract (Camellia sinensis) on fertility indicators of post-thawed bull spermatozoa. Pakistan Journal of Zoology 49(4): 1243-1249	0.831
16.	Shah S.S.A, Muhammad I.K., Khan H , Saddique U 2018. TBD's Exploiting The Black Gold (Buffalo) of Pakistan Buffalo Bulletin Vol.37 No.4;569-576	0.110
17.	Iqbal, N., Khan, M.T., Amanullah, H. Din I., Khan H ., Shah H., Ahmad M.. Effect of feeding different levels of discarded date palm (<i>Phoenix dactylifera</i>) on digestibility, milk yield, and composition in Damani sheep. Tropical Animal Health and Production 51, 2181–2186 (2019) . https://doi.org/10.1007/s11250-019-01919-w	1.333
18.	Khan D, Khan H , Ahmad N, Tunio MT, Tahir M, Khan MS, et al. Early pregnancy diagnosis using pregnancy-associated glycoprotein in the serum of pregnant ruminants. Pakistan Journal of Zoology . 2020;52(2):785-788.	0.831
19.	Hussain SM, Herling VR, Rodrigues PHM, Naz I, Khan H , Khan MT. Mini review on photosensitization by plants in grazing herbivores. Tropical Animal Health and Production . 2018;36: 1–11. pmid:29623517 View Article PubMed/NCBI Google Scholar Cited 10	1.333
20.	Khan H , Kusakabe KT, Wakitani S, Hiyama M, Takeshita A, Kiso Y 2012. Expression and Localization of NO Synthase Isoenzymes (iNOS and eNOS) in Development of the Rabbit Placenta., Journal of Reproduction and Development Vol. 58(2), 231-236	1.735
21.	Aamir ZU, Khan H , Wahab S, Tunio MT, Amanullah H, Aimen O, Khan SM and Shah K. 2019 Chromatographic appraisal of fatty acid profile in camel's milk at different Temperatures Pure and Applied Biology Vol. 8, Issue 2, pp1069 -1076	
22.	Hayashi K ,Kusakabe KT, Khan H , Kuniyoshi N, AiTakeshita, Hiyama M, Kano K, Kiso Y Characteristic patterns of maternal and fetal arterial construction in the rabbit placenta. Medical Molecular Morphology 2014. 47, pp.76-82	2.429
23.	Spacing of the Embryo in the Uterus is Disrupted by the Supi Position of the Body During the Peri-implantation Period in Mic Sugiyama M, Terakawa J, Khan H , Wakitani S, Choi EK, Kiso Hondo E. Journal of Reproduction and Development 2010. 56 (2010), pp. 191-194	1.735

24.	Quantitative Expression and immunohistochemical Detection Glucose Transporters, GLUT1 and GLUT3 in the Rabbit Placenduring Successful Pregnancy. Khan H , Kusakabe KT , Wakitani Hiyama M , Kiso Y Journal of Veterinary Medical Science 2011	1.049
25.	Bisphenol-A (BPA) Affects Reproductive Formation acroGenerations in Mice. Hiyama M, Choi EK , Wakitani S , Tachibana Khan H , Kusakabe KT , Kiso Y Journal of Veterinary Medical Science 2011(9)1211-1215	1.049
26.	Differentiation of uterine natural killer cells in the pregnant, <i>SCI(scid/scid)</i> mice. Hiyama M, Kusakabe KT , Kuwahara A , Wakitani Khan H , and Kiso Y Journal of Veterinary Medical Science 2011 .	1.049
27.	Shah, MK, Sadique, U , Ahmad S , Qureshi S , Rahman S U , Hassan Z U , Khan MA , Ali T , Anwar F , Khan, H and Khan H . Molecular identification and comparative antimycoplasmalactivity of three indigenous medicinal plants against mycoplasmapatrefaciens isolated from sheep. Journal of Animal and Plant Science ., 27: 5	0.481
28.	Shahzad, Q.; Mehmood, M.U. ; Khan, H. ; ul Husna, A. ; Qadeer, S. ; Azam, A. ; Naseer, Z. ; Ahmad, E. ; Safdar, M. ; Ahmad, M. Royal jelly supplementation in semen extender enhances post-thaw quality and fertility of Nili-Ravi buffalo bull sperm. Animal Reproduction Science 2016, 167, 83–88. [CrossRef] [PubMed]	1.660
29.	Wahab, A. , Khan H. , Ahmad S. , Qureshi, M.S. , , Younas M. , Khan, S. , Sadique, U and Shah, M.K. , 2016. Biochemical profile of local rabbits (<i>Oryctolagus cuniculus</i>) during successful pregnancy under backyard production system. Pakistan Journal Zoology., 48: 625-630.	0.831
30.	Sarwar, MS ; Kalhorro, AB ; Khan, H ; Kausarzeb ; Shaukat H ; Tariq A ; Jan, S A , Sardar A ; Tariq K Sedative and Analgesic Effects of Xylazine in Rabbits Pakistan Journal of Zoology. 2014, Vol. 46 Issue 5, p1461-1464. 4p.	0.831
31.	Khan, H. , Rind, M.M. , Mehmood, M.U. , Shahzad, Q. , Gohar, A. , Alam, M. , Ali, Q. and Kumbar, H.K. , 2014. Biometric Assessment of the Testis in Pakistani Adult Male Goats (Capra hircus). Pakistan Journal of Zoology 46:880-884	0.831
32.	Sultan, A. , R. Ullah, S. Khan, M. T. Khan, Khan H and I. U. Zaman (2014). Nutrient digestibility values and apparent metabolizable energy of corn, wheat and sorghum by pheasants (<i>Phasianuscolchicus</i>). Pakistan Veterinary Journal ., 34: 479- 483.	1.175
33.	Shah, M.K. , Saddique, U. , Ahmad, S. , Iqbal, A. , Ali, A. , Shahzad, W. , Khan, M.S. , Khan, H. , Rehman, H.U. , Shah, S.S.A. & Israr, M. (2017). Molecular characterization of local isolates of <i>Mycoplasma capricolum</i> subspecies <i>capripneumoniae</i> in goats (<i>Capra hircus</i>) of Khyber Pakhtunkhwa, Pakistan. Pakistan Veterinary Journal 37(1): 90-94.	1.175
34.	Sultan, A. , Uddin, I. , Khan, S. , Ullah, R. , Khan, H. , Khan, N. A. , & Khan, R. U. (2015). Effect of yeast derived carbohydrate fraction on growth performance, apparent metabolizable energy, mineral retention and gut histomorphology of broilers during starter phase. Pakistan Veterinary Journal, 35(4), 409-413.	1.175
35.	Adnan M , Khan H , Kashif J , et al., 2017. Clonal Expansion of Sulfonamide Resistant <i>Escherichia coli</i> isolates Recovered from Diarrheic Calves. Pakistan Veterinary Journal 37:230-2.	1.175

36.	Khan H , Rind M.M, Gohar A, Khan N, Sarwar M.S, Shah M.K, Ali A.A. A study on vas deference and seminal vesicle of male goats (<i>Capra hircus</i>) Acta Scientiae Veterinariae, 2015. 43::1294. [Google Scholar]	0.321
37.	Khan, I, Qureshi, MS, Ahmad S, Akhtar S. And Khan h . 2016. Effect of Lactation and Breed on Reproductive Cyclicity Under Various States of Oxidative Stress in Dairy Cattle Breeds. Pakistan Journal of zoology , 48(5): 1431–1441.	0.831
38.	Effects of medetomidine on serum glucose in cattle calves.Tariq M, Kalhoro AB, Sarwar MS, Khan H , Ahmad S, Hassan SM, Zahoor A. Pakistan Journal of Pharmaceutical Science 2016 ;29(3):941-944.	0.562
39.	Relationship of Age, Breed and Libido with Semen Traits of Cattle Bulls H. Rehman, I.A. Alhidary, R.U. Khan, M.S. Qureshi, U.Sadique, H. Khan , and S.H. Yaqoob Pakistan Journal of Zoology volume 48 issue 6 Page:1793-1798 2016	0.831
40.	Assessment of Alpha Lipoic Acid Inclusion in Semen Extender on Cryopreservation of Nili-Ravi Buffalo Bull Spermatozoa. Gohar A, Khan H , Yousaf M S, Ahmad J, Ali Q, Khan M, Khan D, Hayat Y, Ali F, Ahmad I, Saleem M, Ullah F 2014. 11(9s),pp45-50 Life Science indexed in ISI and Scopus	Indexed in ISI and Scopus
41.	Study on quality and efficacy of commercial tylosin and doxycycline products against local isolates of mycoplasma in broilers.Riazuddin , Khan S, Imtiaz N, Aslam S, Ahmad S, Khan H, Rabbani M, Muhammad J, Tanveer ZI, Ali S. Pakistan Journal of Pharmaceutical Science 2017 Mar; 30(2):541-549	0.562
42.	Effect of L-ascorbic acid on Nili Ravi buffalo oocytes during In Vitro Maturation. Ullah I, Jalali S, Khan H , Shami SA, Kiyani MM 2006. Pakistan Journal of Biological Science	Y category HRJS
43.	Sarwar MS, Ali A, Usman T, Khan UN , Khan. H , Khan I, Ali M, Rabbani F A study on immunological response of leukocytes to ticks in cattle reared in sub-tropical region of Khyber Pakhtunkhwa Pakistan. Pure and Applied Biology 2019 Vol.8 No.2 pp.1655-1660 ref.19	
44.	Use of Schaeffer's Formula for the prediction of Body weight of slaughtering Cattle. Khan H , MM Rind, R Ahmad, N Ahmad and G Shah 2003 Journal of Animal And Veterinary advances , 2(3):176-178	
45.	Gross anatomical study on Normal Kidneys of Adult Goat. Khan H , MM Rind, R Ahmad, N Ahmad and G Shah 2003 Journal of Animal And Veterinary advances 2(9):539-541	
46.	Biometrical study on Normal spleen of Cattle. Khan H , M Pardehi, R Rind and MM Rind 2003. Journal of Animal And Veterinary advances , 2(2):92-94	
47.	Study on Testicular Dimensions and Size in Male Buffalo. Khan H , N Ahmed(Sr.), S Khan, R Ahmed; M M Rind 2003. Journal of Animal And Veterinary advances 2(11):639-643.	
48.	Garlic (<i>Allium Sativum</i>) Modulated Serum Cholesterol Level, Improved Immune Status And Carcass Yield Of Broilers. S. Khan, A. Sultan, N. Chand, Rafiullah, M. S. Qureshi MS, Tanweer AJ, Akhtar A, Tauqeer AM and Khan H .vol 66(2):171-174,2014 Pakistan Journal of Science	

49.	Culminating the Influence of Heat Stress in Broilers by Supplementing Zinc and Vitamin C. Naila Imtiaz, Asad sultan, Sarzamin Khan, Ajab Khan and Hamayun Khan 2014. World Applied Science Journal ;30(8):1064-1069	
50.	Humoral Immune response to Newcastle disease vaccine (Lastoa strain) in broilers. Shuaib M, Khan H , Sajid-ur-Rehman, Ashfaq M 2006. International Journal of Poultry Science 5(5): 411-414	
51.	RIND MM, KHAN H, RIND B, ALAM M, MEMON IA (2006). Biometrical observations on bovine epididymis. <i>J Anim Vet Adv</i> , 5: 376-379.	
52.	Ali, A., Sarzamin, Khan S., Mobashar, M., Inam, M., Ahmed, I., Khan, N.A., Ali, M., Khan, H . 2013. Effect of different levels of organic acids supplementation on feed intake, milk yield and milk composition of dairy cows during thermal stress. Greener J. Agri. Sci. Vol. 3 (11). 762-768.	
53.	Khan N, M.Khan, S. Naz, H.Khan, S.Khan and M.H. Khan 2017. “Effects of Zarai Taraqiati Bank Limited Credit Program on Buffalo Production in Rural Areas of Distract Mardan , Pakistan”. <i>Journal of Poverty, Investment and Development</i> www.iiste.org ISSN 2422-846X An International Peer-reviewed Journal Vol.32. Pages 59-64	Indexed in ISI and Scopus
54.	Ali F, Khan H, Ahmed S, Khan MA, Raza MH, Abuakar M, Khan NA, Mahmood ZU, Khan N and Sadeeq ur Rahman. Nomad-Animals Are Associated With Exposure To Emerging Diseases Pathogens. <i>Life Sci J</i> 2016;13(9):84-89]. ISSN: 1097-8135 (Print) / ISSN: 2372-613X (Online). http://www.lifesciencesite.com . 9. doi:10.7537/marslsj130916.09.	Indexed in ISI and Scopus