

RESEARCH PUBLICATIONS (Total Impact Factor=56.62, Google citations=601, H-index=13, i10index=19)

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- 2019** Yu Niu, Jintian He, **Hussain Ahmad**, Mingming Shen, Yongwei Zhao, Zhending Gan, Lili Zhang, Xiang Zhong, Chao Wang and Tian Wang. Dietary Curcumin Supplementation Increases Antioxidant Capacity, Upregulates Nrf2 and Hmox1 Levels in the Liver of Piglet Model with Intrauterine Growth Retardation. *Nutrients*. 2019, 11(12), 2978. (IF= 4.171)
- Yu Niu, Jintian He, **Hussain Ahmad**, Chao Wang, Xiang Zhong, Lili Zhang, Tao Cui, Jingfei Zhang and Tian Wang. Curcumin attenuates insulin resistance and hepatic lipid accumulation in a rat model of intrauterine growth restriction through insulin signaling pathway and SREBPs. *British Journal of Nutrition*. 2019; 122 (6), 616-624. (IF= 3.319)
- 2018** Zhiping Hu, **Hussain Ahmad**, Jingfei Zhang, Lili Zhang and Tian Wang. Effects of Natamycin on Growth Performance, Serum Biochemical Parameters and Antioxidant Capacity in Broiler Chickens. *Pakistan J. Zool.*, 2018; 50(3), 969-976. (IF= 0.790)
- Zhang Li Li, Wang Yuan Xiao, Kong Yi Li, **Ahmad Hussain**, Yan Rui, Dong Li, Zhang Jing Fei and Wang Tian. Effects of Intrauterine Growth Retardation on Growth, Meat Quality and Muscle Fiber Composition of Pigs. *Pakistan J. Zool.* 2018; 50(3), 1137-1146. (IF= 0.790)
- Xiaoli Wan, **Hussain Ahmad**, Lili Zhang, Zhiyue Wang and Tian Wang. Dietary enzymatically treated *Artemisia annua* L. improves meat quality, antioxidant capacity and energy status of breast muscle in heat-stressed broilers. *Journal of the Science of Food and Agriculture*. 2018; 98: 3715–3721. (IF= 2.422)
- 2017** Qiang Huang, Wen Xu, Kai-Wen Bai, Jin-Tian He, **Hussain Ahmad**, Le Zhou, LiLi Zhang, Tian Wang. Protective effects of leucine on redox status and mitochondrial- related gene abundance in the jejunum of intrauterine growth retarded piglets during early weaning period. *Archives of Animal Nutrition*. 2017; 71 (2), 93-107. (IF= 1.786)
- Xiang Hou, Tian Wang, **Hussain Ahmad**, Ziwei Xu. Ameliorative effect of ampelopsin on LPS-induced acute phase response in piglets. *Journal of Functional Foods*. 2017; 35, 489-498. (IF= 3.197)
- Abdul Ghaffar, Riaz Hussain, Ghulam Abbas, Mirza Habib Ali, Muhammad Saleem, Tehmina Khan, Rozina Malik and **Hussain Ahmad**. Cumulative Effects of Sodium Arsenate and Diammonium Phosphate on Growth Performance, Hemato-Biochemistry and Protoplasm in Commercial Layer. *Pakistan Veterinary Journal*. 2017; 37(3):257-262. (IF= 1.360)
- Abdul Ghaffar, Riaz Hussain, Ghulam Abbas, Mirza Habib Ali, **Hussain Ahmad**, Javaria Nawaz, Iqra Rasheed Choudhary, Javaria Haneef and Sundas Khan. Arsenic and Copper Sulphate in Combination Causes Testicular and Serum Biochemical Changes in White Leghorn Cockerels. *Pakistan Veterinary Journal*. 2017; 37(4): 375-380. (IF= 1.360)

- M. Abdullah, M. Rafay, T. Hussain, **H. Ahmad**, U. Tahir, F. Rasheed, T. Ruby and S. Khalil. Nutritive potential and palatability preference of browse foliage by livestock in arid rangelands of Cholistan desert (Pakistan). *The J. Anim. Plant Sci.* 2017; 27(5): 1656-1664. (IF= 0.529)
- Z.H. Song, K.Cheng, X.C.Zheng, **H. Ahmad**, L.L. Zhang, T. Wang. Effects of dietary supplementation with enzymatically treated *Artemisia annua* on growth performance, intestinal morphology, digestive enzyme activities, immunity, and antioxidant capacity of heat-stressed broilers. *Poultry Science*. 2018. 97:430–437. (IF= 2.027)
- 2016** Yanan Wu, Yanmin Zhou, Changhui Lu, **Hussain Ahmad**, Hao Zhang, Jintian He, Lili Zhang, Tian Wang. Influence of Butyrate Loaded Clinoptilolite Dietary Supplementation on Growth Performance, Development of Intestine and Antioxidant Capacity in Broiler Chickens. <http://dx.doi.org/10.1371/journal.pone.0154410> (IF= 2.766)
- X. L. Wan, Z. H. Song, Y. Niu, K. Cheng, J. F. Zhang, **H. Ahmad**, L. L. Zhang, T. Wang. Evaluation of enzymatically treated *Artemisia annua* L. on growth performance, meat quality, and oxidative stability of breast and thigh muscles in broilers. *Poult Sci.*, 2017. 96 (4): 844-850. (IF= 2.216)
- 2015** Li Bo, **Ahmad Hussain**, Yang Xue, Wang Jian Jun and Wang Tian. Effects of phytosterols on growth performance and fat metabolism in broilers. *Pakistan J. Zool.*, 47(1). 111-118. (IF= 0.491)
- X Zhang, Z Sun, F Cao, **H Ahmad**, X Yang, L Zhao and T. Wang. Effects of dietary supplementation with fermented *Ginkgo* leaves on antioxidant capacity, intestinal morphology and microbial ecology in broiler chicks. *Br. Poult.Sci.* 56:3, 370-380. (IF= 0.884)
- Wanwen Yu, Xuhui Zhang, **Hussain Ahmad**, Linguo Zhao, Tian Wang and Fuliang Cao. Intestinal absorption function of broiler chicks supplemented with *Ginkgo* leaves fermented with *Bacillus* species. *Pakistan J. Zool.*, 47(2), 479-490. (IF= 0.491)
- T Wang, ZP Hu, **H Ahmad**, JF Zhang, LL Zhang. Effects of different formulations of α -tocopherol acetate (vitamin E) on growth performance, meat quality and antioxidant capacity in broiler chickens. *Br. Poult. Sci*, 56(3), 370-380. (IF= 0.884)
- B Li, W Li, **H Ahmad**, L Zhang, C Wang, T Wang. Effects of Choline on Meat Quality and Intramuscular Fat in Intrauterine Growth Retardation Pigs, PloS one, <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0129109>. (IF= 2.806).
- 2014** Jingfei Zhang, Xiang Hou, **Hussain Ahmad**, Hao Zhang, Lili Zhang, Tian Wang. Assessment of free radicals scavenging activity of seven natural pigments and protective effects in AAPH challenged chicken erythrocytes. *Food chem.* 2014(145):57-65. (IF= 4.052)
- Muhammad Ammar Khan, Sher Ali, Muhammad Abid, **Hussain Ahmad**, Lixia Zhang, Ronald Keith Tume, Guanghong Zhou. Enhanced texture, yield and safety of a ready to eat salted duck meat product using a high-pressure heat process. *Innovat. Food Sci. Emerg. Tech.* 2014(21):50-57. (IF= 2.997)
- Dong Li, Zhong, Xiang, **Hussain Ahmad**, Li Wei, Wang Yuanxiao, Zhang Lili, Wang Tian. Intrauterine growth restriction impairs small intestinal mucosal immunity in neonatal piglets. *J. Histochem. & Cytochem.* 2014:62(7):510-518. (IF= 2.140)

- Xiang Hou, Jingfei Zhang, **Hussain Ahmad**, Hao Zhang, Ziwei Xu, Tian Wang. Evaluation of antioxidant activities of ampelopsin and its protective effect in lipopolysaccharide-induced oxidative stress piglets. *Plos one*. 10.1371/journal.pone.0108314 (IF= 3.057)
- 2013** Xuhui Zhang, Linguo Zhao, Fuliang Cao, **Hussain Ahmad**, Guibin Wang, Tian Wang. Effects of feeding fermented *Ginkgo biloba*-leaves on small intestinal morphology, absorption and immunomodulation of early Lipopolysaccharide challenged chicks. *Poult. Sci.* 92(1):119-130. (IF= 1.672)
- Jianjun Wang, Shang Gao, **Ahmad Hussain**, Xuhui Zhang, Tian Wang. Combination of linseed and palm oils was a better alternative than single oil for broilers under heat stress. *J. Poult. Sci.*, 50: 332-339. (IF= 0.802)
- Yanan Wu, Qiujue Wu, Yanmin Zhou, **Hussain Ahmad**, Tian Wang. Effects of clinoptilolite on growth performance and antioxidant status in broilers. *Biol. Trace Elem. Res.*, 155:228–235. (IF= 1.748)
- 2012** Yuanxiao Wang, Lili Zhang, Genlai Zhou, Zhiyong Liao, **Hussain Ahmad**, Wenbin Liu, Tian Wang. Dietary L- arginine supplementation improves the intestinal development through increasing mucosal Akt and mammalian target of rapamycin signals in intrauterine growth retarded piglets. *Br. J. Nutr.* 108(8):1371-1381. (IF= 3.342)
- Xiang Zhong, Wei Li, Xuexin Huang, Yuanxiao Wang, Lili Zhang, Yanmin Zhou, **Ahmad Hussain**, Tian Wang. Effects of glutamine supplementation on the immune status in weaning piglets with intrauterine growth retardation. *Arch. Anim. Nutr.* 66(5): 347-356. (IF= 0.892)
- Hussain Ahmad**, Tian Jinke, Jianjun Wang, Yuanxiao Wang, Lili Zhang, Muhammad Ammar Khan, Tian Wang. Effect of dietary sodium selenite and selenium yeast on antioxidant enzymes and oxidative stability of chicken breast meat. *J. Agri. Food Chem.* 60(29):7111-7220. (IF= 3.107)
- JK Tian, **A Hussain**, W Li, S Gao, T Wang. Different selenium sources and levels affect tissue selenium content and antioxidant capacity of broilers. *Chinese Journal of Animal Nutrition*. 24 (6), 1030-1037.
- Muhammad Zafar Ullah Khan, Talat Naseer Pasha, Umer Farooq, Yasir Allah Ditta, Muhammad Ilyas, **Hussain Ahmad**. Mapping of calcium and phosphorus status of buffaloes in different cropping zone of Punjab province. *J. Anim. Plant Sci.* 22(3 Suppl.): 315-318. (IF=0.549)
- Talat Naseer Pasha, Muhammad Zafar Ullah Khan, Umer Farooq, Yasir Allah Ditta, Muhammad Ilyas, **Hussain Ahmad**. Macro minerals status of buffaloes in rice zone of Punjab province. *J. Anim. Plant Sci.* 22(3 Suppl.): 319-323. (IF=0.273)
- 2010** TN Pasha, YA Ditta, U Farooq, MZU Khan, M Ilyas, A Farid, H Ahmad. Seasonal Variations in the Zinc Status of Soil, Forage and Nili Ravi buffalo of Thal Canal Irrigated Zone of Punjab, Pakistan. *Revista Veterinaria* 21 (1).
- TN Pasha, U Farooq, MZU Khan, Y Ditta, M Ilyas, H Ahmad. Profile of Selected Trace Elements in Soil, Forage and Growing Buffalo Calves in Rice Grown Region of Punjab, Pakistan. *Revista Veterinaria* 21 (1).
- U Farooq, TN Pasha, MZU Khan, YA Ditta, M Ilyas, H Ahmad. Seasonal Dynamics of Minerals in Soil, Forages, Feed, water and lactating Nili Ravi Buffalo in Muzaffargarh District of Punjab, Pakistan. *Revista Veterinaria* 21 (1).