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International Researcher IDs

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Education Information

Post Doctorate, Virginia Polytechnic Institute and State University, United States Of America 2017 - 2019

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Hayvan Besleme Ve Beslenme Hastalıkları (Dr) (Veteriner), Turkey 2010 - 2014

Undergraduate, Ankara University, Veteriner Fakültesi, Veteriner Pr., Turkey 2004 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Broyler rasyonlarına laktuloz ilavesinin performans, bağırsak histomorfolojisi ve mikrobiyolojisi üzerine olan etkisi, Ankara University, Sağlık Bilimleri Enstitüsü, Hayvan Besleme Ve Beslenme Hastalıkları (Dr) (Veteriner), 2014

Research Areas

Veterinary Sciences, Animal Nutrition and Nutritional Diseases

Academic Titles / Tasks

Associate Professor, Ankara University, Veteriner Fakültesi, Zootekni ve Hayvan Besleme Bölümü, 2020 - Continues

Research Assistant, Ankara University, Veteriner Fakültesi, Zootekni ve Hayvan Besleme Bölümü, 2010 - Continues

Supervised Theses

ÇALIK A., Kuzularda Rasyona Farklı Düzeylerde Katılan Domates Serası Budama Artıklarının Bazı Biyokimyasal, Fizyolojik ve Oksidatif Stres Parametreleri Üzerine Etkilerinin Araştırılması, Doctorate, BAYDOĞAN(Student), 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel trivalent inactivated Salmonella vaccine formulated with CpG ODNs to enhance the cellular immunity in chickens**
Kahraman T., Yagci F. C., CEYLAN A., ÇALIK A., Tarman I. O., KIRAN F.
Poultry Science, vol.104, no.5, 2025 (SCI-Expanded)
- II. **Effect of supplemental dietary phytogetic blends on growth performance, jejunal histomorphometry, and jejunal immunity of broiler chickens**
CEYLAN A., SAÇAKLI P., Cinar O. O., Ramay M. S., AHSAN U., Harijaona J. A., BAYRAKTAROĞLU A. G., Manghebatı F., ÇALIK A.
ARCHIVES ANIMAL BREEDING, no.1, pp.13-26, 2025 (SCI-Expanded)
- III. **Effect of dietary β -mannanase supplementation on growth performance and nutrient retention in broiler chickens fed corn-soybean meal-based diets with low energy and amino acid density**
SAÇAKLI P., Ramay M. S., Ahsan U., GEBEŞ E. S., Harijaona J. A., Fickler A., Shastak Y., ÇALIK A.
Poultry Science, vol.103, no.12, 2024 (SCI-Expanded)
- IV. **Research Note: Effects of on-farm and hatchery hatching on broiler performance, intestinal lesions, and immune response during a subclinical necrotic enteritis challenge**
Boothe S. M., ÇALIK A., Emami N. K., Dalloul R. A.
Poultry Science, vol.103, no.12, 2024 (SCI-Expanded)
- V. **Impact of early postbiotic supplementation on broilers' responses to subclinical necrotic enteritis**
Dong B., ÇALIK A., Blue C. E., Dalloul R. A.
Poultry Science, vol.103, no.12, 2024 (SCI-Expanded)
- VI. **Evaluating performance, intestinal lesions, and immunity related genes in heritage and modern broiler breeds during a necrotic enteritis challenge**
Froebel L. E., Çalik A., Emami N. K., Blue C. E., Dalloul R. A.
Poultry Science, vol.103, no.12, 2024 (SCI-Expanded)
- VII. **Fate of transgenic soybean DNA and immune response of broilers fed genetically modified DP-3Ø5423-1 soybean**
ÇALIK A., Emami N. K., White M. B., Dalloul R. A.
Poultry Science, vol.103, no.4, 2024 (SCI-Expanded)
- VIII. **Hatchery and Dietary Application of Synbiotics in Broilers: Performance and mRNA Abundance of Ileum Tight Junction Proteins, Nutrient Transporters, and Immune Response Markers**
White M. B., ÇALIK A., Dalloul R. A.
Animals, vol.14, no.6, 2024 (SCI-Expanded)
- IX. **Performance, fatty acid composition, and liver fatty acid metabolism markers of broilers fed genetically modified soybean DP-3Ø5423-1**
ÇALIK A., Emami N. K., White M. B., Dalloul R. A.
Poultry Science, vol.103, no.3, 2024 (SCI-Expanded)
- X. **Iohexol-based assessment of intestinal permeability in broilers challenged with *Eimeria maxima*, *Clostridium perfringens* or both**
Calik A., Niraula A., Dong B., Blue C. E. C., Fenster D. A., Dalloul R. A.
FRONTIERS IN PHYSIOLOGY, vol.15, 2024 (SCI-Expanded)
- XI. **Effect of phased reduction of dietary digestible lysine density on growth performance, thigh meat, and biomechanical characteristics of tibia in broiler chickens**
Ahsan U., Kuter E., Khan K., Raza I., ÇALIK A., Şahiner H. S., Cengiz Ö.
Tropical Animal Health and Production, vol.55, no.4, 2023 (SCI-Expanded)
- XII. **Performance and gut health status of broilers fed diets supplemented with two graded levels of a monoglyceride blend**
SAÇAKLI P., Çınar Ö. Ö., CEYLAN A., Ramay M. S., Harijaona J. A., BAYRAKTAROĞLU A. G., Shastak Y., ÇALIK A.
Poultry Science, vol.102, no.2, 2023 (SCI-Expanded)
- XIII. **Intermittent dilution of dietary digestible lysine lowers the incidence of white striping by**

suppressing the growth, lipid synthesis, and muscle damage in broiler chickens

Ahsan U., İPEK E., Ozdemir O. S., Aydin A. K., Raza I., ÇALIK A., KUTER E., ÖZSOY Ş. Y., CENGİZ Ö.

JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, vol.103, no.1, pp.283-297, 2023 (SCI-Expanded)

- XIV. **Influence of dietary vitamin E and selenium supplementation on broilers subjected to heat stress, Part II: oxidative stress, immune response, gut integrity, and intestinal microbiota**
ÇALIK A., Emami N. K., Schyns G., White M. B., Walsh M. C., Romero L. F., Dalloul R. A.
POULTRY SCIENCE, vol.101, no.6, 2022 (SCI-Expanded)
- XV. **Influence of dietary vitamin E and selenium supplementation on broilers subjected to heat stress, Part I: Growth performance, body composition and intestinal nutrient transporters**
ÇALIK A., Emami N. K., White M. B., Walsh M. C., Romero L. F., Dalloul R. A.
Poultry Science, vol.101, no.6, 2022 (SCI-Expanded)
- XVI. **Classification of commonly used feed ingredients based on flow properties**
PEKEL A. Y., Kizil A., ÇALIK A., Kuter E., Ahsan U., Alatas M. S., Kahraman O.
INTERNATIONAL AGROPHYSICS, vol.36, no.2, pp.123-130, 2022 (SCI-Expanded)
- XVII. **Managing broilers gut health with antibiotic-free diets during**
Emami N. K., White M. B., Calik A., Kimminau E. A., Dalloul R. A.
POULTRY SCIENCE, vol.100, no.5, 2021 (SCI-Expanded)
- XVIII. **Effects of milk replacer and whole milk feeding on rumen development, expression of genes related to volatile fatty acid absorption, and rumen bacteria in calves**
CEYLAN A., ÇALIK A., EKİM B., Bayraktarodlu A. G., Calisici O., ÖZEN D., SAÇAKLI P.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.45, no.2, pp.288-298, 2021 (SCI-Expanded)
- XIX. **Effect of Probiotics and Multi-Component Feed Additives on Microbiota, Gut Barrier and Immune Responses in Broiler Chickens During Subclinical Necrotic Enteritis**
Emami N. K., Calik A., White M. B., Kimminau E. A., Dalloul R. A.
FRONTIERS IN VETERINARY SCIENCE, vol.7, 2020 (SCI-Expanded)
- XX. **Impact of chemical and physical properties on flowability characteristics of corn distillers dried grains with solubles**
PEKEL A. Y., ÇALIK A., KUTER E., ALATAŞ M. S., Oklen S. B., Kizil A., Bulat M., CENGİZ Ö.
INTERNATIONAL AGROPHYSICS, vol.34, no.2, pp.195-202, 2020 (SCI-Expanded)
- XXI. **Effects of probiotics on in vitro ruminal profile and population of some cellulolytic bacteria**
SIZMAZ Ö., ÇALIK A., GÜMÜŞ H., Gunturkun O. B., Sizmaz S., YILDIZ G.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.67, no.3, pp.249-255, 2020 (SCI-Expanded)
- XXII. **Effects of Paenibacillus xylanexedens on growth performance, intestinal histomorphology, intestinal microflora, and immune response in broiler chickens challenged with Escherichia coli K88**
EKİM B., ÇALIK A., CEYLAN A., SAÇAKLI P.
POULTRY SCIENCE, vol.99, no.1, pp.214-223, 2020 (SCI-Expanded)
- XXIII. **Effects of Dietary Direct Fed Microbial Supplementation on Performance, Intestinal Morphology and Immune Response of Broiler Chickens Challenged With Coccidiosis**
Calik A., Omara I. I., White M. B., Li W., Dalloul R. A.
FRONTIERS IN VETERINARY SCIENCE, vol.6, 2019 (SCI-Expanded)
- XXIV. **Necrotic Enteritis in Broiler Chickens: The Role of Tight Junctions and Mucosal Immune Responses in Alleviating the Effect of the Disease**
Emami N. K., Calik A., White M. B., Young M., Dalloul R. A.
MICROORGANISMS, vol.7, no.8, 2019 (SCI-Expanded)
- XXV. **Dietary Non-Drug Feed Additive as an Alternative for Antibiotic Growth Promoters for Broilers During a Necrotic Enteritis Challenge**
Calik A., Omara I. I., White M. B., Evans N. P., Karnezos T. P., Dalloul R. A.
MICROORGANISMS, vol.7, no.8, 2019 (SCI-Expanded)
- XXVI. **Evaluation of Correlations Between Nutrients, Fatty Acids, Heavy Metals, and Deoxynivalenol in Corn (Zea mays L.)**
PEKEL A. Y., Calik A., Alatas M. S., Kuter E., Cengiz O., Omurtag G. Z., Inan G.

- JOURNAL OF APPLIED POULTRY RESEARCH, vol.28, no.1, pp.94-107, 2019 (SCI-Expanded)
- XXVII. **Effects of Calcium Soaps of Animal Fats on Performance, Abdominal Fat Fatty Acid Composition, Bone Biomechanical Properties, and Tibia Mineral Concentration of Broilers**
Çalık A., Yalçın S., Küçükersan S., Saçaklı P., Yıldız G., Ramay M. S., Ahlat O., Elibol F. K. E., Taban S.
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.25, no.1, pp.61-70, 2019 (SCI-Expanded)
- XXVIII. **Femur Properties of Embryo in the Layer Hybrid and Pure Breeds**
Onbaşlar E. E., Gungor O. F., Demir T., Erbay E. F. K., Kahraman M., Taban S., Calik A., Pirpanahi M.
BRAZILIAN JOURNAL OF POULTRY SCIENCE, vol.20, no.4, pp.805-809, 2018 (SCI-Expanded)
- XXIX. **Differences in egg nutrient availability and embryo development in white layer breeder genotypes**
Onbaşlar E. E., Kahraman M., Ahlat O., Gungor O. F., Calik A., Taban S., Yalçın S.
POULTRY SCIENCE, vol.96, no.10, pp.3600-3607, 2017 (SCI-Expanded)
- XXX. **Effects of dietary probiotic and synbiotic supplementation on broiler growth performance and intestinal histomorphology**
ÇALIK A., EKİM B., BAYRAKTAROĞLU A. G., ERGÜN A., SAÇAKLI P.
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.64, no.3, pp.183-189, 2017 (SCI-Expanded)
- XXXI. **The effect of intra-amniotic and posthatch dietary synbiotic administration on the performance, intestinal histomorphology, cecal microbial population, and short-chain fatty acid composition of broiler chickens**
ÇALIK A., CEYLAN A., EKİM B., Adabi S. G., Dilber F., BAYRAKTAROĞLU A. G., Tekinay T., ÖZEN D., SAÇAKLI P.
POULTRY SCIENCE, vol.96, no.1, pp.169-183, 2017 (SCI-Expanded)
- XXXII. **A comparison of camelina meal and soybean meal degradation during incubation with rumen fluid as tested in vitro**
SIZMAZ Ö., ÇALIK A., SIZMAZ S., YILDIZ G.
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.63, no.2, pp.157-161, 2016 (SCI-Expanded)
- XXXIII. **Effect of lactulose supplementation on growth performance, intestinal histomorphology, cecal microbial population, and short-chain fatty acid composition of broiler chickens**
ÇALIK A., ERGÜN A.
POULTRY SCIENCE, vol.94, no.9, pp.2173-2182, 2015 (SCI-Expanded)
- XXXIV. **Effect of Clinoptilolite and/or Phytase on Broiler Growth Performance, Carcass Characteristics, Intestinal Histomorphology and Tibia Calcium and Phosphorus Levels**
SAÇAKLI P., ÇALIK A., BAYRAKTAROĞLU A. G., ERGÜN A., Sahan O., Ozaydin S.
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.21, no.5, pp.729-737, 2015 (SCI-Expanded)
- XXXV. **Effects of Dietary Inactive Yeast and Live Yeast on Performance, Egg Quality Traits, Some Blood Parameters and Antibody Production to SRBC of Laying Hens**
Yalçın S., Yalçın S., Sahin A., Duyum H. M., Çalık A., Gümüş H.
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.21, no.3, pp.345-350, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Antioxidant Properties of Myrtus Extract: in vitro Assays and in vivo Experimental Animal Study**
Denk B., özçınar ü., Özсандık İ. H., SHAH S. R. A., ÇETİNGÜL I. S., Calik A., MIDILLI M., BAYRAM İ.
Türkiye Klinikleri Veteriner Bilimleri Dergisi, vol.15, no.1, pp.1-8, 2024 (Peer-Reviewed Journal)
- II. **Broiler ileumda kuluçka sonrası farklı dönemlerin TLR4 ve VEGF ekspresyon paternleri üzerine etkisi**
ERTUĞRUL T., ÇALIK A., CEYLAN A., TÜTÜNCÜ Ş.
Dicle Üniversitesi Veteriner Fakültesi Dergisi, vol.15, no.2, pp.65-69, 2022 (Peer-Reviewed Journal)
- III. **The relationship between SOD1 and Hsp70 expression in broiler ileum throughout post-hatching development**
ERTUĞRUL T., TÜTÜNCÜ Ş., CEYLAN A., ÇALIK A.
Journal of research in veterinary medicine (Online), vol.41, no.2, pp.99-104, 2022 (Peer-Reviewed Journal)

- IV. **In Vitro Fermentation Characteristics of Camelina Meal Comparison with Soybean Meal**
SIZMAZ Ö., ÇALIK A., BUNDUR A.
Livestock studies, vol.61, pp.9-13, 2021 (Peer-Reviewed Journal)
- V. **Rasyonlarda DDGS kullanımının karma yem maliyetleri ile broyler performansı ve karkas parametreleri üzerine olan etkisinin araştırılması**
ÇALIK A., Palaz M.
Veteriner Hekimler Derneği Dergisi, vol.91, no.1, pp.70-79, 2020 (Peer-Reviewed Journal)
- VI. **Yumurta içi prebiyotik inokulasyonunun kuluçka randımanı ve civciv çıkım ağırlığı üzerine etkisi**
ÇALIK A.
Veteriner Hekimler Derneği Dergisi, vol.89, no.1, pp.49-55, 2018 (Peer-Reviewed Journal)
- VII. **Hayvansal ürünlerin vitamin düzeylerini artırmaya yönelik hayvan besleme yöntemleri**
ÇALIK A., GÜNTÜRKÜN O. B.
Türkiye Klinikleri J Anim Nutr Nutr Dis-Special Topics, vol.2, no.3, pp.71-76, 2016 (Peer-Reviewed Journal)
- VIII. **Gliserolün Kanatlı Beslemede Kullanımı. Yem Magazin**
YALÇIN S., ÇALIK A.
Yem Magazin, vol.65, pp.29-38, 2012 (Peer-Reviewed Journal)
- IX. **Kısa ve orta zincirli yağ asitlerinin broyler bağırsak sağlığı ve performansı üzerine etkileri**
ÇALIK A., ERGÜN A.
Ankara Mektup, vol.10, no.2, pp.22-34, 2012 (Peer-Reviewed Journal)
- X. **Yavru kedilerde ve yavru köpeklerde doğumdan hazır mamaya geçiş süresi ve alıştırma döneminde dikkat edilmesi gereken hususlar**
ÇALIK A.
CatDog, vol.2, pp.34-35, 2012 (Peer-Reviewed Journal)
- XI. **Kanatlılarda beslenmenin bağırsak sağlığı üzerine etkisi (Yazı Dizisi-2)**
ÇALIK A., ERGÜN A.
Ankara Mektup, vol.9, no.3, pp.21-30, 2011 (Peer-Reviewed Journal)
- XII. **Canlı maya, rumen fonksiyonlarını ve süt verimini destekler**
ÇALIK A., YALÇIN S.
Yem Magazin, vol.64, pp.43-47, 2011 (Peer-Reviewed Journal)
- XIII. **Kanatlılarda beslenmenin bağırsak sağlığı üzerine etkisi (Yazı Dizisi-1)**
ÇALIK A., ERGÜN A.
Ankara Mektup, vol.9, no.2, pp.16-20, 2011 (Peer-Reviewed Journal)
- XIV. **Kolinin kanatlı rasyonlarındaki anahtar rolü**
ÇALIK A., YALÇIN S.
Yem Magazin, vol.60, pp.74-79, 2011 (Peer-Reviewed Journal)
- XV. **Değişik yönleri ile dioksin**
SAÇAKLI P., Tuncer Ş. D., ÇALIK A.
Yem Magazin, vol.60, pp.67-71, 2011 (Peer-Reviewed Journal)
- XVI. **Antimikrobiyel büyütme faktörleri ve eubiosiz kavramı**
ÇALIK A., ERGÜN A.
Ankara Mektup, vol.8, no.4, pp.20-24, 2010 (Peer-Reviewed Journal)

Books

- I. **Sindirim Sistemi Mikroflorası ve Histomorfolojisinin Kanatlı Sağlığı ve Performansı Üzerine Etkileri**
ÇALIK A.
in: Hayvan Beslemede Bağırsak Sağlığının Önemi, Prof. Dr. Seher KÜÇÜKERSAN, Editor, Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnşaat Sanayi, pp.62-66, 2020

Papers Published in Refereed Scientific Meetings

- I. **A Comparison of Milk Replacer and Waste Milk Feeding on Ruminal Epithelium Development, Expression of Genes Related to Volatile Fatty Acid Absorption, and Rumen Bacteria in Calves**
CEYLAN A., ÇALIK A., EKİM B.
6th International Congress on Veterinary and Animal Sciences (ICVAS 2021), Turkey, 02 September 2021
- II. **The impact of dietary vitamin E and selenium on body composition, intestinal integrity and immunity of broilers subjected to heat stress**
ÇALIK A., Emami N. K., White M., Dalloul R.
2020 International Poultry Scientific Forum, Atlanta, United States Of America, 27 - 28 January 2020
- III. **DP-305423-1 (305423) Soya Fasulyesinin Broiler Piliçlerde Performans ve Bağırsak Morfolojisine Etkisi ve Rekombinant Bitki DNA'sının Sindirim Sistemindeki Varlığının Araştırılması**
ÇALIK A., Dalloul R.
5. Uluslararası Beyaz Et Kongresi, Antalya, Turkey, 24 - 28 April 2019
- IV. **Effect of fructooligosaccharides on performance of broiler chickens: a meta-analytic study**
ÖZEN D., ÇALIK A., CEYLAN A., ÖZEN H., MUTLU F.
X International Scientific Agriculture Symposium-AGROSYM 2019, Jahorina, Bosnia And Herzegovina, 3 - 06 October 2019
- V. **Influence of DP-305423-1 (305423) soybean on body composition, tissue fatty acid profile and fate of recombinant plant DNA in blood and tissues of broilers**
ÇALIK A., White M., Emami N. K., Dalloul R.
23rd Congress of the European Society of Veterinary and Comparative Nutrition (ESVCN), Torino, Italy, 18 - 20 September 2019
- VI. **Effects of dietary vitamin E and selenium supplementation on performance, immune response and oxidative status of broilers under heat stress**
ÇALIK A., White M., Emami N. K., Dalloul R.
2019 Poultry Science Association Annual Meeting, Montreal, Canada, 15 - 18 July 2019
- VII. **Supplementation of a probiotic alone or in combination with prebiotics and phytochemicals alleviates the negative impact of subclinical necrotic enteritis in broiler chickens**
Emami N. K., Kimminau E., ÇALIK A., White M., Oxendine A., Dalloul R.
2019 International Poultry Scientific Forum, Atlanta, United States Of America, 11 - 12 February 2019
- VIII. **Effect of PrimaLac on Necrotic Enteritis Lesion Scores and Expression of Tight Junction Proteins**
Emami Khodambashi N., ÇALIK A., White M., Young M., Dalloul R.
2018 Symposium on Gut Health in Production of Food Animals, St. Louis, United States Of America, 5 - 07 November 2018
- IX. **Assessing a natural feed additive as an AGP alternative for broilers during a necrotic enteritis challenge**
ÇALIK A., Omara I., Evans N., White M., Karnezos P., Dalloul R.
2018 Poultry Science Association Annual Meeting, San-Antonio, Northern Mariana Islands, 23 - 26 July 2018
- X. **Relationships between deoxynivalenol and heavy metal concentrations of corn grains**
PEKEL A. Y., ÇALIK A., ALATAŞ M. S., KUTER E., CENGİZ Ö., OMURTAG G. Z.
2018 International Poultry Scientific Forum, Atlanta, United States Of America, 29 - 30 January 2018, vol.79, pp.78
- XI. **İn Ovo Koenzim Q10 Uygulamasının Transport Edilen Günlük Cıvıclerde Karaciğer Oksidasyonu ve Yağ Asiti Profili İle Büyüme Performansına Etkileri**
GOLZAR ADABI S., ÇALIK A., SAÇAKLI P.
4rd International Poultry Meat Congress, Antalya, Turkey, 26 - 30 April 2017
- XII. **Escherichia coli K88 ile enfekte edilen broyler rasyonlarına Paenibacillus xylanexedens ilavesinin performans ve bağırsak histomorfolojisi üzerine olan etkisi**
EKİM B., CEYLAN A., ÇALIK A., SAÇAKLI P.
4rd International Poultry Meat Congress, Antalya, Turkey, 26 - 30 April 2017
- XIII. **Effects of dietary clinoptilolite supplementation on intestinal histomorphology and caecum volatile**

fatty acids in broilers

ÖZSOY Ş. Y., YALÇIN S., YILDIZ G., ÇALIK A., GEBEŞ E. S., Ramay M. S.

4th International Poultry Meat Congress, 26 - 30 April 2017

- XIV. **Karma Yemlere Klinoptilolit İlavesinin Broilerlerde Bağırsak Histomorfolojisi ve Sekum Uçucu Yağ Asitleri Üzerine Etkisi**
ÖZSOY Ş. Y., YALÇIN S., YILDIZ G., ÇALIK A., GEBEŞ E. S., RAMAY M. S.
4rd International Poultry Meat Congress, Antalya, Turkey, 26 - 30 April 2017
- XV. **Keçiboynuzu ürünlerine β -1,4 mannanaz ilavesinin broiler rasyonlarında performans, karkas özellikleri, bağırsak histomorfolojisi ve sekal kısa zincirli yağ asitleri üzerine etkisi.**
KÜÇÜKERSAN S., YALÇIN S., KÜÇÜKERSAN M. K., ÇALIK A., ramay m. s., güntürkün o., AHLAT O.
4. ULUSLARARASI BEYAZ ET KONGRESİ, 26 - 30 April 2017
- XVI. **Keçiboynuzu Ürünlerine B-1,4 Mannanaz İlavesinin Broiler Rasyonlarında Performans, Karkas Özellikleri, Bağırsak Histomorfolojisi ve Sekal Kısa Zincirli Yağ Asitleri Üzerine Etkisi**
KÜÇÜKERSAN S., YALÇIN S., KÜÇÜKERSAN M. K., ÇALIK A., RAMAY M. S., AHLAT O., GÜNTÜRKÜN O. B.
4rd International Poultry Meat Congress, Antalya, Turkey, 26 - 30 April 2017
- XVII. **Relationships between nutrient composition, fatty acids content and color characteristics of corn grains.**
PEKEL A. Y., ÇALIK A., ALATAŞ M. S., KUTER E., CENGİZ Ö., İNAN G.
2017 Poultry Science Association Annual Meeting, Orlando, United States Of America, 17 - 20 July 2017
- XVIII. **Keçiboynuzu ürünlerine β -1,4 mannanaz ilavesinin broiler rasyonlarında performans, karkas özellikleri, bağırsak histomorfolojisi ve sekal kısa zincirli yağ asitleri üzerine etkisi**
KÜÇÜKERSAN S., YALÇIN S., KÜÇÜKERSAN M. K., ÇALIK A., RAMAY M. S., AHLAT O., GÜNTÜRKÜN O. B.
4. Uluslararası Beyaz Et Kongresi, Antalya, Turkey, 26 - 30 April 2017, pp.679-686
- XIX. **Karma Yemlere Klinoptilolit İlavesinin Broilerlerde Bağırsak Histomorfolojisi ve Sekum Uçucu Yağ Asitleri Üzerine Etkisi**
ÖZSOY Ş. Y., YALÇIN S., YILDIZ G., ÇALIK A., GEBEŞ E. S., Ramay M. S.
4. ULUSLARARASI BEYAZ ET KONGRESİ, Antalya, Turkey, 26 - 30 April 2017, pp.647-650
- XX. **Evaluation of nutrient composition and correlations between nutrients and color characteristics of corn grains**
PEKEL A. Y., ÇALIK A., KUTER E., CENGİZ Ö., İNAN G.
2017 International Poultry Scientific Forum, Atlanta, United States Of America, 30 - 31 January 2017
- XXI. **Karma Yemlere Klinoptilolit İlavesinin Broilerlerde Performans ve Kemik Parametreleri Üzerine Etkisi**
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- XXII. **Mikronize klinoptilolit broilerlerde performans bağırsak histomorfolojisi ve kemik parametreleri üzerine etkisi**
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Activities in Scientific Journals

ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, Committee Member, 2019 - 2020

Metrics

Publication: 80

Citation (WoS): 362

Citation (Scopus): 412

H-Index (WoS): 12

H-Index (Scopus): 12

Scholarships

Research Associate , University, 2018 - 2019

TUBİTAK 2219, TUBİTAK, 2017 - 2018