

Assoc. Prof. Akın YAKAN

Personal Information

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Zootečni Ad, Turkey 2004 - 2008

Undergraduate, Fırat University, Faculty Of Veterinary Medicine, Turkey 1995 - 2000

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Health Sciences, Veterinary Sciences, Zootechnical and Animal Feed

Academic Titles / Tasks

Associate Professor, Erciyes University, Veteriner Fakültesi, Zootečni ve Hayvan Besleme, 2018 - Continues

Associate Professor, Mustafa Kemal Üniversitesi, Veteriner Fakültesi, Zootečni Ve Hayvan Besleme, 2013 - 2018

Assistant Professor, Mustafa Kemal Üniversitesi, Veteriner Fakültesi, Zootečni Ve Hayvan Besleme, 2012 - 2013

Research Assistant PhD, Mustafa Kemal Üniversitesi, Veteriner Fakültesi, Zootečni Ve Hayvan Besleme, 2009 - 2012

Research Assistant, Ankara University, Sağlık Bilimleri Enstitüsü, Zootečni , 2004 - 2008

Research Assistant, Mustafa Kemal Üniversitesi, Veteriner Fakültesi, Zootečni Ve Hayvan Besleme, 2002 - 2004

Academic and Administrative Experience

Mustafa Kemal Üniversitesi, 2016 - 2018

Mustafa Kemal Üniversitesi, 2015 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of propylene glycol used at different doses in Akkaraman lambs rations on metabolism-related parameters and liver gene and protein expression during different feeding periods**
Yakan A., Özkan H., Kaya U., Keçeli H. H., Dalkıran S., Karaaslan I., ÜNAL N., AKÇAY A., ARSLAN K., AKYÜZ B., et al.
Animal Science Journal, vol.94, no.1, 2023 (SCI-Expanded)
- II. **Changes in serum biochemical and lipid profile, and fatty acid composition of breast meat of broiler**

chickens fed supplemental grape seed extract

KARADAĞOĞLU Ö., ŞAHİN T., Olmez M., YAKAN A., Ozsoy B.

TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.44, no.2, pp.182-190, 2020 (SCI-Expanded)

- III. **Protective Effects of Tyrosol Against DSS-Induced Ulcerative Colitis in Rats.**
Güvenç M., Cellat M., Özkan H., Tekeli İ., Uyar A., Gökçek İ., İşler C., Yakan A.
Inflammation, vol.42, pp.1680-1691, 2019 (SCI-Expanded)
- IV. **THE EFFECT OF PRODUCTION SYSTEM AND FINISH WEIGHT ON CARCASS AND MEAT QUALITY OF KIVIRCIK LAMBS**
Ekiz B., Yılmaz A., Yalcintan H., Yakan A., Koçak Ö., Özcan M.
ANNALS OF ANIMAL SCIENCE, vol.19, no.2, pp.517-538, 2019 (SCI-Expanded)
- V. **Milk yield and quality traits in different lactation stages of Damascus goats: Concentrate and pasture based feeding systems**
YAKAN A., ÖZKAN H., ERASLAN ŞAKAR A., ATEŞ C. T., ÜNAL N., KOÇAK Ö., DOĞRUER G., ÖZBEYAZ C.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.66, no.2, pp.117-129, 2019 (SCI-Expanded)
- VI. **Effects of genotype and sex on technological properties and fatty acid composition of duck meat**
ÖNK K., YALÇINTAN H., SARI M., Isik S. A., YAKAN A., EKİZ B.
POULTRY SCIENCE, vol.98, no.1, pp.491-499, 2019 (SCI-Expanded)
- VII. **Breed influence on finishing performance and meat fatty acid composition in lambs raised under an intensive production system**
Ekiz B., Yılmaz A., YAKAN A., Hanoğlu H., Kaptan C.
LARGE ANIMAL REVIEW, vol.24, no.3, pp.121-128, 2018 (SCI-Expanded)
- VIII. **CARCASS AND MEAT QUALITY OF MALE AND FEMALE WATER BUFFALOES FINISHED UNDER AN INTENSIVE PRODUCTION SYSTEM**
EKİZ B., YILMAZ A., YALÇINTAN H., YAKAN A., YILMAZ İ., SOYSAL M. İ.
ANNALS OF ANIMAL SCIENCE, vol.18, no.2, pp.557-574, 2018 (SCI-Expanded)
- IX. **The role of yeast culture (*Saccharomyces cerevisiae*) on performance, egg yolk fatty acid composition, and fecal microflora of laying hens**
Ozsoy B., Karadagolu O., Yakan A., Onk K., Celik E., Sahin T.
REVISTA BRASILEIRA DE ZOOTECNIA-BRAZILIAN JOURNAL OF ANIMAL SCIENCE, vol.47, 2018 (SCI-Expanded)
- X. **Is total RNA extraction possible from small volume goat milk (7.5 mL) for RT-qPCR studies?**
Eraslan Sakar A., Ozkan H., Yakan A.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.65, no.1, pp.57-61, 2018 (SCI-Expanded)
- XI. **Gene expression levels in some candidate genes for mastitis resistance, milk yield, and milk quality of goats reared under different feeding systems**
Yakan A., Ozkan H., Eraslan Sakar A., Unal N., Ozbeyaz C.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.42, no.1, pp.18-28, 2018 (SCI-Expanded)
- XII. **Damascus kids' slaughter, carcass and meat quality traits in different production systems using antioxidant supplementation**
Yakan A., Ates C. T., Alasahan S., Odabasioglu F., Unal N., Ozturk O. H., Gungor O. F., Ozbeyaz C.
SMALL RUMINANT RESEARCH, vol.136, pp.43-53, 2016 (SCI-Expanded)
- XIII. **Carcass and meat quality of organic lambs compared with lambs reared under traditional and intensive production systems**
KOÇAK Ö., EKİZ B., YALÇINTAN H., YAKAN A., YILMAZ A.
ANIMAL PRODUCTION SCIENCE, vol.56, no.1, pp.38-47, 2016 (SCI-Expanded)
- XIV. **Effect of dietary probiotic and high stocking density on the performance, carcass yield, gut microflora, and stress indicators of broilers**
Cengiz O., Koksall B. H., Tath O., Sevim O., Ahsan U., Uner A. G., Ulutas P. A., Beyaz D., Buyukyoruk S., Yakan A., et al.
POULTRY SCIENCE, vol.94, no.10, pp.2395-2403, 2015 (SCI-Expanded)
- XV. **Effects of different fattening systems on technological properties and fatty acid composition of goose meat**
Sari M., Onk K., ŞİŞMAN T., Tilki M., Yakan A.

EUROPEAN POULTRY SCIENCE, vol.79, 2015 (SCI-Expanded)

- XVI. **Genotype, production system and sex effects on fatty acid composition of meat from goat kids**
ÖZCAN M., Demirel G., Yakan A., Ekiz B., TÖLÜ C., SAVAŞ T.
Animal Science Journal, vol.86, no.2, pp.200-206, 2015 (SCI-Expanded)
- XVII. **The effects of different levels plant extracts and essential oil mixture on meat quality of quails Coturnix Coturnix Japonica**
AKSU ELMALI D., YAKAN A.
Revue De Medecine Veterinaire, vol.165, pp.104-110, 2014 (SCI-Expanded)
- XVIII. **Effect of thyme oil (Thymbra spicata l. Var. Spicata) on meat quality in Japanese quails**
Aksu T., Aksu M. I., Onel S. E., Yakan A., Kaya D. A., Baylan M.
EUROPEAN POULTRY SCIENCE, vol.78, 2014 (SCI-Expanded)
- XIX. **Estrus synchronization and ovarian hyper-stimulation treatments have negligible effects on cumulus oocyte complex gene expression whereas induction of ovulation causes major expression changes.**
AGCA C., Yakan A., AGCA Y.
Molecular reproduction and development, vol.80, pp.102-17, 2013 (SCI-Expanded)
- XX. **Carcass and Meat Quality Characteristics of White and Multicolor Geese under Local Breeder Conditions**
YAKAN A., Elmali D. A., ELMALI M., ŞAHİN T., MOTOR S., CAN Y.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.18, no.4, pp.663-670, 2012 (SCI-Expanded)
- XXI. **Body weight and measurements of Akbas dogs in its nature work condition**
ATASOY F., UĞURLU M., ÖZARSLAN B., YAKAN A.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.58, no.3, pp.213-215, 2011 (SCI-Expanded)
- XXII. **Frozen storage characteristics of low-salt and low-fat beef patties as affected by Wakame addition and replacing pork backfat with olive oil-in-water emulsion**
Lopez-Lopez I., Cofrades S., YAKAN A., Solas M. T., Jimenez-Colmenero F.
FOOD RESEARCH INTERNATIONAL, vol.43, no.5, pp.1244-1254, 2010 (SCI-Expanded)
- XXIII. **Meat production traits of a new sheep breed called Bafra in Turkey 2. Meat quality characteristics of lambs**
Yakan A., Unal N.
TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.42, no.4, pp.743-750, 2010 (SCI-Expanded)
- XXIV. **Meat production traits of a new sheep breed called Bafra in Turkey 1. Fattening, slaughter, and carcass characteristics of lambs**
YAKAN A., ÜNAL N.
TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.42, no.4, pp.751-759, 2010 (SCI-Expanded)
- XXV. **Carcass composition, meat quality and antibody levels in male and female Broiler chickens reared on low dietary protein**
ATASOY F., YAKAN A., UĞURLU M., ÜNAL N., AKSU T., CENGİZ S.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.57, no.1, pp.49-54, 2010 (SCI-Expanded)
- XXVI. **Milk yield and milking traits measured with different methods in Bafra sheep**
ÜNAL N., Akcapinar H., ATASOY F., YAKAN A., UĞURLU M.
REVUE DE MEDECINE VETERINAIRE, vol.159, no.10, pp.494-501, 2008 (SCI-Expanded)
- XXVII. **Some udder traits and growth of lambs and phenotypic correlations between those of traits with milking traits and milk production measured by various milk estimation methods in Bafra sheep**
ÜNAL N., Akcapinar H., ATASOY F., YAKAN A., UĞURLU M.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.55, no.2, pp.117-124, 2008 (SCI-Expanded)
- XXVIII. **Milk yield measured by oxytocin plus hand milking and weigh-suckle-weigh methods in ewes originating from local crossbred in Turkey**
Uenal N., ATASOY F., Akcapinar H., KOÇAK S., YAKAN A., EROL H., UĞURLU M.
REVUE DE MEDECINE VETERINAIRE, vol.158, no.6, pp.320-325, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Snap frozen ve doğrudan -80'xxde dondurulan karaciğer dokularında RNA kalitesi**
ÖZKAN H., YAKAN A.
Lalahan Hay. Ara. Ens. Dergisi, vol.58, pp.42-47, 2018 (Peer-Reviewed Journal)
- II. **Hayvan Yetiştiriciliğinde Genomik Seleksiyon: Dünü, Bugünü**
ÖZKAN H., YAKAN A.
Lalahan Hay. Araşt. Enst. Derg, vol.57, pp.112-117, 2017 (Peer-Reviewed Journal)
- III. **Keçi Süt Somatik Hücrelerinden RNA İzolasyonu Problemler ve ÇözümÖnerileri**
ÖZKAN H., ERASLAN ŞAKAR A., YAKAN A.
Harran Üniversitesi Veteriner Fakültesi Dergisi, vol.52, pp.160-162, 2016 (Peer-Reviewed Journal)
- IV. **Damascus Şam Irkı Oğlaklarda Antioksidant Vitamin E Etkisindeki Farklı Besleme Sistemlerinde Besi Performansı Özellikleri**
YAKAN A., ATEŞ C. T., ALAŞAHAN S., ODABAŞIOĞLU F., ÜNAL N., ÖZBEYAZ C.
Lalahan Hay. Araş. Ens. Derg., vol.56, pp.1-6, 2016 (Peer-Reviewed Journal)
- V. **Finishing performance and meat fatty acid composition of Hair goat and Saanen x Hair goat crossbreed F1 and B1 kids**
EKİZ B., YILMAZ A., YAKAN A., CÜNEYT K., YALÇINTAN H.
İstanbul Üniversitesi Veteriner Fakültesi Dergisi, vol.40, pp.226-236, 2014 (Peer-Reviewed Journal)
- VI. **Ankara şartlarında Akkaraman İvesi ve Kıvırcık ırklarında dölverimi büyüme ve yaşama gücü**
YAKAN A., ÜNAL N., TAŞKIN D.
Lalahan Hayvancılık Araştırma Enstitüsü Dergisi, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Effects of Yeast Culture on Performance, Fatty Acids and Stool Microflora in Laying Hens**
KARADAĞOĞLU Ö., ÖZSOY B., YAKAN A., ÖNK K., ÇELİK E., ŞAHİN T.
IV. IMCOFE ROME, 23 - 25 August 2017
- II. **Yumurta tavuğu rasyonlarında maya kültürü Saccharomyces cerevisiae kullanımının performans yumurta sarısında yağ asidi kompozisyonu ve dışkı mikroflorası üzerine etkilerinin araştırılması**
ÖZSOY B., ŞAHİN T., YAKAN A., KARADAĞOĞLU Ö., ÖNK K., TAZEGÜL E.
1. Uluslararası Hayvan Besleme Kongresi, Antalya, Turkey, 28 September - 01 October 2016
- III. **Yüksek yerleşim sıklığında yetiştirilen etlik piliçlerin rasyonlarına probiyotik katkısının performans bağırsak florası karkas randımanı ve stres parametreleri üzerine etkisi**
CENGİZ Ö., KÖKSAL B. H., TATLI O., SEVİM Ö., AHSAN U., ÜNER A. G., ULUTAŞ P. A., BEYAZ D., BÜYÜKYÖRÜK S., YAKAN A., et al.
1. Uluslararası Hayvan Besleme Kongresi, Antalya, Turkey, 28 September - 01 October 2016
- IV. **Investigation of milk samples in different volüme for RNA isolation in goat milk**
YAKAN A., AKSU T., ÖNEL S. E., YÖRÜK M. A.
32nd World Veterinary Congress, 13 - 17 September 2015
- V. **The effect of Vit E and Thyme Oil on meat quality in Japanese Quails**
YAKAN A., AKSU T., ÖNEL S. E., YÖRÜK M. A.
32nd World Veterinary Congress, 13 - 17 September 2015

Supported Projects

SARIÖZKAN S., YAKAN A., YALÇIN B. R., KÜÇÜKOFLAZ M., AKÇAY A., AKYÜZ B., Project Supported by Higher Education Institutions, 3. ULUSAL HAYVANCILIK EKONOMİSİ KONGRESİ, 2018 - 2018
YAKAN A., TUBITAK Project, Farklı besleme yöntemlerindeki keçilerde mastitis direnci, süt verimi ve kalitesi için aday

bazı genlerin ekspresyon seviyelerinin belirlenmesi, 2015 - 2017

YAKAN A., TUBITAK Project, Damascus (Şam) ırkı oğlaklarda farklı yetiştirme sistemlerinde besi performansı, kesim-karkas, et kalitesi özellikleri ve et kalitesine antioksidan (Vit E) etkinin araştırılması, 2012 - 2013

YAKAN A., Other International Funding Programs, An investigation on variation of follicular gen expression with microarray methods at normal cycle and synchronized and superovulated rats, 2010 - 2011

YAKAN A., Other International Funding Programs, Design of functional meat food healthy and nutritive, 2007 - 2008

YAKAN A., TUBITAK Project, Bafra (Sakız x Karayaka G1) kuzularında farklı kesim ağırlıklarında besi performansı, kesim, karkas ve bazı et kalitesi özellikleri, 2007 - 2008

YAKAN A., TUBITAK Project, Bafra Koyun Irkında Süt Verim Özelliklerinin Farklı Süt Kontrol Yöntemleriyle Belirlenmesi, 2005 - 2006

Metrics

Publication: 39

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