

## Asst. Prof. ERAY AKTUĞ

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-2799-9478

Yoksis Researcher ID: 187197

### Education Information

Undergraduate, Firat University, Faculty Of Veterinary Medicine, Turkey 2005 - 2010

### Certificates, Courses and Trainings

Vocational Training, İn vitro tekniklerden in vivo uygulamalara: İki boyutlu (2D) - Üç boyutlu (3D) Hücre Kültürü ve Doku Mühendisliği Çalışmaları , Ege Üniversitesi, Ege MATAL (TÜBİTAK 2237-A Destekli), 2020

### Research Areas

Health Sciences, Veterinary Sciences, Zootechnical and Animal Feed, Animal Nutrition and Nutritional Diseases

### Academic Titles / Tasks

Research Assistant, Erciyes University, Veteriner Fakültesi, Zootečni ve Hayvan Besleme, 2013 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of thyme essential oil and A, C, and E vitamin combinations to diets on performance, egg quality, MDA, and 8-OHdG of laying hens under heat stress**  
Büyükkılıç Beyzi S., Konca Y., Kaliber M., Sarıözkan S., Kocaoğlu Güçlü B., Aktuğ E., Şentürk M.  
JOURNAL OF APPLIED ANIMAL RESEARCH, vol.48, no.1, pp.126-132, 2020 (SCI-Expanded)
- II. **The effects of thyme essential oil and vitamin combinations on performance, carcass quality and oxidation parameters in broilers exposed to heat stress**  
SARIÖZKAN S., Guclu B. K., KONCA Y., AKTUĞ E., KALİBER M., Beyzi S., ŞENTÜRK M.  
ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.67, no.4, pp.357-364, 2020 (SCI-Expanded)
- III. **Investigation in terms of digestive values, silages quality and nutrient content of the using pomegranate pomace in the ensiling of apple pomace with high moisture contents**  
Kara K., Guclu B. K., Baytok E., Aktuğ E., Oguz F. K., Kamalak A., Atalay A. I.  
JOURNAL OF APPLIED ANIMAL RESEARCH, vol.46, pp.1233-1241, 2018 (SCI-Expanded)
- IV. **Effect of phenological stage on nutrient composition, in vitro fermentation and gas production kinetics of Plantago lanceolata herbage**

KARA K., Ozkaya S., BAYTOK E., Guclu B. K., AKTUĞ E., Erbas S.  
VETERINARNI MEDICINA, vol.63, no.6, pp.251-260, 2018 (SCI-Expanded)

- V. **Ruminal digestibility, microbial count, volatile fatty acids and gas kinetics of alternative forage sources for arid and semi-arid areas as in vitro**  
KARA K., AKTUĞ E., Ozkaya S.  
ITALIAN JOURNAL OF ANIMAL SCIENCE, vol.15, no.4, pp.673-680, 2016 (SCI-Expanded)
- VI. **Dietary Supplementation of Catechin: Effect on Performance, Faecal Quality, Mineral and Malondialdehyde Levels in Belgian Malinois Puppies**  
KARA K., SARIKAYA A., AKTUĞ E.  
ANIMAL NUTRITION AND FEED TECHNOLOGY, vol.16, no.1, pp.119-128, 2016 (SCI-Expanded)
- VII. **DAR YAPRAKLI SİNİROTUNUN (PLANTAGO LANCEOLATA) BESİN MADDE DÜZEYİ VE RUMİNANLARDAN İN VİTRO SİNDİRİM PARAMETRELERİNİN BELİRLENMESİ The Determination of Nutrient Matter and in vitro digestion Parameters of Narrow-Leaf Plantain (Plantago Lanceolata) in Ruminant**  
KARA K., KOCAOĞLU GÜÇLÜ B., AKTUĞ E., BAYTOK E.  
Sağlık Bilimleri Dergisi, vol.24, no.3, pp.149-155, 2015 (SCI-Expanded)

### Articles Published in Other Journals

- I. **THE EFFECT OF DIETARY SUPPLEMENTATION OF LEMON GRASS *Cymbopogon citratus* ON PERFORMANCE CARCASS QUALITY AND MARKETING OF QUAIL *Coturnix coturnix japonica***  
SARIÖZKAN S., KONCA Y., KOCAOĞLU GÜÇLÜ B., AKTUĞ E., KALİBER M., ÖZKAN Ş., TUĞRUL AY S.  
Scientific Works. Series C. Veterinary Medicine, vol.62, no.1, pp.98-103, 2016 (Peer-Reviewed Journal)
- II. **The effect of dietary supplementation of lemon grass (*cymbopogon citratus*) on performance, carcass quality, and marketing of quail (*coturnix coturnix japonica*)**  
Sariözkán S., Konca Y., Kocaođlu Güçlü B., Aktuđ E., Kaliber M., Özkan Ş., Tuđrul Ay S.  
Scientific Works. C Series. Veterinary Medicine, vol.62, no.1, pp.98-103, 2016 (Peer-Reviewed Journal)
- III. **DAR YAPRAKLI SİNİROTUNUN (PLANTAGO LANCEOLATA) BESİN MADDE DÜZEYİ VE RUMİNANLARDAN İN VİTRO SİNDİRİM PARAMETRELERİNİN BELİRLENMESİ**  
KARA K., KOCAOĞLU GÜÇLÜ B., AKTUĞ E., BAYTOK E.  
Sağlık Bilimleri Dergisi, vol.24, no.3, pp.149-155, 2015 (Peer-Reviewed Journal)
- IV. **Dar yapraklı sinir otunun *Plantago lanceolata* besin madde düzeyi ve ruminantlarda in vitro sindirim parametrelerinin belirlenmesi**  
KARA K., KOCAOĞLU GÜÇLÜ B., AKTUĞ E., BAYTOK E.  
Erciyes Üniversitesi Sağlık Bilimleri Dergisi, 2015 (Peer-Reviewed Journal)
- V. **Effect of Formic Acid on In Vitro Ruminal Fermentation and Methane Emission**  
KARA K., AKTUĞ E., alper ç., KOCAOĞLU GÜÇLÜ B., BAYTOK E.  
Turkish Journal of Agriculture - Food Science and Technology, vol.3, no.11, pp.856, 2015 (Peer-Reviewed Journal)
- VI. **Formik asitin in vitro rumen fermentasyonu ve metan üretimine etkisi**  
KARA K., AKTUĞ E., ÇAĞRI A., KOCAOĞLU GÜÇLÜ B., BAYTOK E.  
Türk Tarım - Gıda Bilim ve Teknoloji Dergisi, vol.3, no.11, pp.856-860, 2015 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **The Digestions of In Vitro Dry Matter and Organic Matter of Dairy Cattle Ration Used Potato Starch By-Products**  
KARA K., AKTUĞ E., ÖZKAYA S., KOCAOĞLU GÜÇLÜ B.  
5th International Agriculture Congress, İstanbul, Turkey, 21 - 24 August 2019, pp.147-148
- II. **the digestion for ruminant of potato starch by-products**

KARA K., AKTUĞ E., ÖZKAYA S., KOCAOĞLU GÜÇLÜ B., BAYTOK E.

2 nd international animal nutrition congress, 1 - 04 November 2018

- III. **The Digestion Levels for Ruminants of Potato Starch By-products: Potato Pulp, Potato Pulp with Peel And Potato Peel**  
KARA K., AKTUĞ E., ÖZKAYA S., KOCAOĞLU GÜÇLÜ B., BAYTOK E.  
2nd International Animal Nutrition Congress, Antalya, Turkey, 1 - 04 November 2018, pp.117-120
- IV. **Kedi ve Köpeklerde Kurtarma Sonrası Beslenme**  
AKTUĞ E., BAYTOK E.  
International Animal Rescue Conference, Aksaray, Turkey, 08 July 2017
- V. **Effect of Phenological Stage on Saponin and Pronathocyanisins of Plantago Lanceolata Herbage**  
KARA K., AKTUĞ E., KOCAOĞLU GÜÇLÜ B., BAYTOK E.  
International Conference of Agriculture, Forest, Food Sciences, 15 - 17 May 2017
- VI. **Effect of Phenological Stage on Saponin And Proanthocyanidins of Plantago Lanceolata herbage**  
KARA K., AKTUĞ E., KOCAOĞLU GÜÇLÜ B., BAYTOK E.  
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017 Cappadocia / Turkey), Nevşehir, Turkey, 15 - 17 May 2017, pp.550
- VII. **Effect of dietary supplementation of vitex angus castus and vitamin combinations on performnace and carcass traitsin heat stress broiler**  
KOCAOĞLU GÜÇLÜ B., KONCA Y., AKTUĞ E., SARIÖZKAN S., BÜYÜKKILIÇ BEYZİ S., KALİBER M.  
V Mediterranean Poultry Summit, 20 - 25 October 2016
- VIII. **The effect of dietary supplementation of Vitex agnus castus and vitamin combinations on performance and carcass traits in heat stressed broilers**  
KOCAOĞLU GÜÇLÜ B., KONCA Y., AKTUĞ E., SARIÖZKAN S., BÜYÜKKILIÇ BEYZİ S., KALİBER M.  
5th Mediterranean Poultry Summit, Italy, 20 - 25 October 2016, no.1
- IX. **THE EFFECT OF DIETARY SUPPLEMENTATION OF LEMON GRASS Cymbopogon citraus ON PERFORMANCE CARCASS QUALITY AND MARKETING OF QUAIL Coturnix coturnix japonica**  
SARIÖZKAN S., KONCA Y., KOCAOĞLU GÜÇLÜ B., AKTUĞ E., KALİBER M., ÖZKAN Ş., TUĞRUL AY S.  
The International Conference of the University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania, 9 - 11 June 2016, vol.1, pp.98-103
- X. **The effect of dietary supplementation of lemon grass Cymbopogon citratus on performance carcass quality and marketing of quail Coturnix coturnix japonica**  
SARIÖZKAN S., KONCA Y., KOCAOĞLU GÜÇLÜ B., AKTUĞ E., KALİBER M., ÖZKAN Ş., tuğrul ay s.  
Agriculture for life, life for agriculture, 9 - 11 June 2016
- XI. **The effect of dietary supplementation of lemon grass Cymbopogon citraus on performance carcass quality and marketing of quail coturnix coturnix japonica**  
SARIÖZKAN S., KONCA Y., KOCAOĞLU GÜÇLÜ B., AKTUĞ E., KALİBER M., ÖZKAN Ş., tugrulay s.  
Agriculture for life, life for agriculture international conference, 9 - 11 June 2016
- XII. **The Relative Feed Value, In Vitro Digestibility and Quality characteristics of the Apple Pomace Silage in Ruminants**  
KARA K., KOCAOĞLU GÜÇLÜ B., BAYTOK E., AKTUĞ E., KARAKAŞ OĞUZ F., KAMALAK A., ATALAY A. İ.  
32nd World Veterinary Congress, İstanbul, Turkey, 13 - 17 September 2015, pp.224
- XIII. **Effect of catechin administration together diet of Belgian Malinois on performance fecal quality mineral and malondialdehyde levels**  
KARA K., AKTUĞ E., SARIKAYA A. E.  
32nd World Veterinary Congress, İstanbul, Turkey, 13 - 17 September 2015
- XIV. **The relative feed value in vitro digestibility and quality characteristics of the apple pomace silage in ruminants**  
KARA K., KOCAOĞLU GÜÇLÜ B., BAYTOK E., AKTUĞ E., KARAKAŞ OĞUZ F., KAMALAK A., ATALAY A. İ.  
32nd World Veterinary Congress, İstanbul, Turkey, 13 - 17 September 2015, pp.224
- XV. **the relative feed value in digestibility and quality characteristic of the apple pomace silage in ruminants**

KARA K., KOCAOĞLU GÜÇLÜ B., BAYTOK E., AKTUĞ E., KARAKAŞ OĞUZ F., KAMALAK A., ATALAY A. İ.  
32.world veterinary congress, 13 - 17 September 2015

- XVI. **Isı stresine maruz bırakılan broylerlerde yeme katılan kekik yağı ve vitamin kombinasyonlarının performans parametreleri üzerine etkileri**  
Sarıözkan S., Kocaoğlu Güçlü B., Konca Y., Aktuğ E., Kaliber M., Büyükkılıç Beyzi S.  
3. Uluslararası Beyaz Et Kongresi, Antalya, Turkey, 22 - 26 April 2015, vol.1, no.1, pp.1
- XVII. **EFFECT OF FORMIC ACID ON IN VITRO RUMINAL FERMENTATION AND METHANE EMISSION**  
KARA K., AKTUĞ E., ÇAĞRI A., KOCAOĞLU GÜÇLÜ B., BAYTOK E.  
VIII. ASIAN BUFFALO CONGRESS, İstanbul, Turkey, 21 - 25 April 2015, pp.102
- XVIII. **Effect of Pomegranate Pomace and Pomegranate Pomace Silage Supplementation to Ruminant Diet on In Vitro Ruminal Fermentation Parameters**  
KARA K., KOCAOĞLU GÜÇLÜ B., BAYTOK E., AKTUĞ E., K. OĞUZ F., KAMALAK A., ATALAY A. İ.  
VIII. ASIAN BUFFALO CONGRESS, İstanbul, Turkey, 21 - 25 April 2015, pp.103
- XIX. **Evaluation in vitro Methane and Total Gas Production and Fermentation Parameters of Atriplex Gardneri in Ruminants**  
KARA K., AKTUĞ E.  
Small Ruminant Congress, Konya, Turkey, 16 - 18 October 2014, pp.1-4
- XX. **Atriplex gardneri bitkisinin ruminantlarda in vitro metan ve total gaz üretimi ile fermentasyon parametrelerinin belirlenmesi**  
KARA K., AKTUĞ E.  
ULUSLARARASI KATILIMLI KÜÇÜKBAŞ HAYVANCILIK KONGRESİ, Konya, Turkey, 16 - 18 October 2014, pp.350-351

## Supported Projects

KARA K., ÖZKAYA S., AKTUĞ E., KOCAOĞLU GÜÇLÜ B., Project Supported by Higher Education Institutions, PATATES UNU ENDÜSTRİSİ YAN ÜRÜNLERİNİN RUMİNANLAR İÇİN KİMYASAL İÇERİĞİ, ANTİNUTRİSYONEL FAKTÖRLERİ, SİNDİRİM DÜZEYLERİ SİNDİRİM SON ÜRÜNLERİ VE KÜRESEL ISINMAYA ETKİSİNİN SAPTANMASI, 2018 - 2019

KARA K., KOCAOĞLU GÜÇLÜ B., AKTUĞ E., ÖZKAYA S., BAYTOK E., Project Supported by Higher Education Institutions, PLANTAGO LANCEOLATA OTUNUN BESİN MADDE KOMPOZİSYONU İLE İN VİTRO RUMİNAL SİNDİRİMİ ORGANİK ASİT KONSANTRASYONU VE RUMEN MİKROORGANİZMALARINI ÜZERİNE BİTKİ FENOLOJİK DÖNEMİNİN ETKİSİ, 2016 - 2018

KAPLAN M., KARA K., AKTUĞ E., ÇAÇAN E., TURAN V., KILIÇ Ö., KÖKTEN K., KALE H., Project Supported by Higher Education Institutions, Farklı Çalı Türlerinde Besin İçeriklerinin Mevsimsel Değişimi, 2017 - 2017

KOCAOĞLU GÜÇLÜ B., KALİBER M., BÜYÜKKILIÇ BEYZİ S., AKTUĞ E., SARIÖZKAN S., KONCA Y., Project Supported by Higher Education Institutions, Sıcaklık Stresine Maruz Bırakılan Broiler ve Yumurta Tavuklarında Yeme Katılan Esansiyel Yağ ve Vitamin Kombinasyonlarının Performansa Etkisi ve Ekonomik Analizi, 2013 - 2017

KARA K., AKTUĞ E., KARAKAŞ OĞUZ F., BAYTOK E., KAMALAK A., KOCAOĞLU GÜÇLÜ B., ATALAY A. İ., Project Supported by Higher Education Institutions, NAR VE ELMA POSASININ VE POSA SİLAJLARININ İN VİTRO RUMEN FERMENTASYONU, TOPLAM GAZ VE METAN ÜRETİMLERİNİN BELİRLENMESİ, 2014 - 2016

## Metrics

Publication: 36  
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H-Index (Scopus): 4