

**Res. Asst. Ali KAYA**



## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Ataturk University, Ziraat Fakültesi, Zootekni, Turkey 2021 - Continues

Postgraduate, Kahramanmaraş Sutcu Imam University, Faculty Of Agriculture,

Department Of Zootechnics, Turkey 2016 - 2019

Undergraduate, Kahramanmaraş Sutcu Imam University, Faculty Of Agriculture,

Department Of Zootechnics, Turkey 2012 - 2016

## Certificates, Courses and Trainings

Occupational Health and Safety, İŞ SAĞLIĞI VE GÜVENLİĞİ BİRİMİ KOORDİNATÖRLÜĞÜ ÇALIŞANLARIN TEMEL İŞ SAĞLIĞI VE GÜVENLİĞİ EĞİTİMİ KATILIM BELGESİ, Atatürk Üniversitesi, 2023

Environment and Sustainability, Gıda ve Su Sektöründe Çalışanlar İçin Hijyen Eğitimi, Kahramanmaraş - Dulkadiroğlu - (754525) Kahramanmaraş Halk Eğitimi Merkezi, 2019

## Dissertations

Postgraduate, Determination of antimetagenic characteristics of some tree leaves fall in autumn by in vitro gas production method, Kahramanmaraş Sutcu Imam University, Faculty Of Agriculture, Department Of Zootechnics, 2019

## Research Areas

Agricultural Sciences, Cattle, sheep, Winged, Feed and Feed Technology, Nutrition of many Midas, Nutrition of Single Mussels

## Academic Titles / Tasks

Research Assistant, Ataturk University, Ziraat Fakültesi, Zootekni, 2020 - Continues

## Academic and Administrative Experience

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

- I. **The effect of various additives to vetch forage silage on in vitro digestibility values and feed quality**  
Gürsoy E., Kaya A., Kaya A., Ayaşan T.  
South African Journal of Animal Science, vol.54, no.2, pp.236-243, 2024 (SCI-Expanded)
- II. **Effect of additives to Italian ryegrass (*Lolium multiflorum* Lam.) silage on nutrient composition and rumen parameters in vitro**  
Gürsoy E., Sezmiş G., Kaya A., Ayaşan T.  
SOUTH AFRICAN JOURNAL OF ANIMAL SCIENCES, vol.53, no.2, pp.231-238, 2023 (SCI-Expanded)
- III. **Effects of different additions to Italian ryegrass (*Lolium multiflorum* Lam.) on silage quality**  
Gürsoy E., Kaya A., Sezmiş G., Kaya A.  
SOUTH AFRICAN JOURNAL OF ANIMAL SCIENCES, vol.52, no.6, pp.756-763, 2023 (SCI-Expanded)
- IV. **Effect of urea and molasses supplementation on in vitro digestibility, feed quality of mixed forage silages**  
Gursoy E., SEZMİŞ G., KAYA A.  
CZECH JOURNAL OF ANIMAL SCIENCE, vol.68, no.6, pp.266-276, 2023 (SCI-Expanded)
- V. **Ecofriendly Usability of Mushroom Cultivation Substrate as a Ruminant Feed: Anaerobic Digestion Using Gas Production Techniques**  
Palangi V., Kaya A., Kaya A., Giannenas I.  
ANIMALS, vol.12, no.12, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effect of Solid State Fermentation on Meadow Grass Nutrient Content and Anti-Methanogenic Properties**  
Tosun R., Atalay A. İ., Kaya A.  
Uluslararası Tarım ve Yaban Hayatı Bilimleri Dergisi, vol.9, no.2, pp.278-288, 2023 (Peer-Reviewed Journal)
- II. **Usability of Olive Leaves in Ruminant Animal Nutrition**  
Kaya A., Kaya H.  
Journal of Animal Science and Economics , vol.2, no.2, pp.70-76, 2023 (Peer-Reviewed Journal)
- III. **Determination of the Effects of Adding Different Additives to Forage Plant Mixture Silage on InVitroFermentation Parameters and Feed Quality**  
Gürsoy E., Sezmiş G., Kaya A.  
Euroasia Journal of Mathematics, Engineering, Natural & Medical Sciences, vol.10, no.28, pp.100-109, 2023 (Peer-Reviewed Journal)
- IV. **Bakteriyel İnokulant ve Organik Asit İlavesi ile Yeniden Silolamannın Mısır Silajının Aerobik Stabilitesi ve In Vitro Gaz Üretim Parametreleri Üzerine Etkileri**  
Erten K., Kaya A., Koç F.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.4, pp.55-62, 2022 (Peer-Reviewed Journal)
- V. **Yonca kuru otuna (*Medicago sativa*) atık kahve ekstraktı ilavesinin antimetanojenik etkisinin in vitro gaz üretim metoduyla belirlenmesi**  
Selçuk B., Bakır T., Kaya A., Başer A.  
muş alparslan üniversitesi fen bilimleri dergisi, vol.2, no.2, pp.34-39, 2022 (Peer-Reviewed Journal)
- VI. **Determining The Feed Value, Feed Quality, and in Vitro Fermentation Properties of Italian Ryegrass (*Lolium multiflorum* L.) Harvested in Different Periods**  
Gürsoy E., Sezmiş G., Kaya A.

TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.10, no.3, pp.100-115, 2022 (Peer-Reviewed Journal)

- VII. **Determination of the Effects of Fertilizer Applications at Different Levels on Feed Value, Feed Quality and In Vitro Fermentation Parameters of Forage Crops Mixture Harvested at Different Periods**  
Gürsoy E., Sezmiş G., Kaya A.  
Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.5, no.1, pp.243-257, 2022 (Peer-Reviewed Journal)
- VIII. **Determination of Potential Feed Value and Anti-methanogenic Properties of Sandalwood (Arbutus Andrachne) Leaves Substituted at Different Ratios in Ruminant Diets by In Vitro Gas Production Method**  
Kaya A., Başer A., Kaya A., Selçuk B.  
Palandöken Journal of Animal Science, Technology and Economics, vol.1, no.1, pp.1-6, 2022 (Peer-Reviewed Journal)
- IX. **Determination of the Antimethanogenic Properties of Sumac Leaves (Rhus coriaria L.) Substitution at Different Ratios Instead of Corn Silage in Sheep Rations by in Vitro Gas Production Method**  
KAYA A., Başer A., KAYA A., Selçuk B., Bakır T.  
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.10, no.2, pp.309-312, 2022 (Peer-Reviewed Journal)
- X. **The Effect of Some Vegetable Oils Added to Dairy Calf Rations on In Vitro Feed Value and Enteric Methane Production**  
Kaya A., Kaya A.  
Journal of Agricultural Production, pp.1-6, 2021 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Ruminantlarda Enterik Metan Gazının Oluşumu ve Ölçüm Metotları**  
Kaya A., Kaya A.  
in: Tarımsal Üretimde Güncel Gelişmeler, Zeynep GÜL, Editor, İksad Yayınevi, Ankara, pp.147-184, 2023
- II. **Tanenlerin Yapısı ve Ruminant Hayvanlardaki Rolü**  
Kaya A., Kaya A.  
in: Tarımsal Üretimde Güncel Gelişmeler, Zeynep GÜL, Editor, İksad Yayınevi, Ankara, pp.123-146, 2023
- III. **RUMİNANLAR İÇİN ALTERNATİF KABA YEM KAYNAKLARI**  
Kaya A., Kaya A., Sezmiş G.  
in: GELİŞMEKTE OLAN ÜLKELER İÇİN SÜRDÜRÜLEBİLİR TARIM, ZEYNEP DURLU GÜL, Editor, İksad Yayınevi, Ankara, pp.81-112, 2022
- IV. **HAYVAN BESLEMEDE NUTRİGENOMİK YAKLAŞIMLAR**  
Sezmiş G., Kaya A., Kaya A.  
in: GELİŞMEKTE OLAN ÜLKELER İÇİN SÜRDÜRÜLEBİLİR TARIM, ZEYNEP DURLU GÜL, Editor, İksad Yayınevi, Ankara, pp.113-128, 2022

## Refereed Congress / Symposium Publications in Proceedings

- I. **The effect of adding pomegranate peel to dairy cattle TMRs on digestive parameters**  
Dumlu B., Kaya A., Lorenzo J. M., Salem A. Z. M.  
The 15th International Scientific Research Congress - Science and Engineering, Ankara, Turkey, 17 - 18 December 2022, pp.157
- II. **Determination of Feed Value and Usability of Olive Tree (Olea europaea L.) Leaves with Some Roughages**

Kaya A., Kaya A.

International Conference on Food, Agriculture and Animal Sciences (ICOFAAS), Antalya, Turkey, 23 - 26 November 2023, pp.447-454

- III. **Determination of the Anti-methanogenic Effect of Safflower Oil Addition to Oat Straw By In Vitro Gas Production Method**  
Dumlu B., Kaya A.  
4th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 28 September 2022, pp.494-495
- IV. **Determination of the Anti-methanogenic Effect of Turpentine (Pistacia terebinthus L.) Tree Leaf Extract Addition to Dry Meadow Grass by In Vitro Gas Production Method**  
Bakır T., Selçuk B., Başer A., Kaya A.  
4th International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 28 - 30 September 2022, pp.689-692
- V. **YONCA KURU OTUNA (MEDİCAGO SATİVA L.) NADİR TOPRAK ELEMENTİ LANTANYUM İLAVESİ İLE ANTI-METANOJENİK ETKİSİNİN İN VİTRO GAZ ÜRETİM YÖNTEMİYLE BELİRLENMESİ**  
SEZMİŞ G., KAYA A., DUMLU B.  
10. ULUSLARARASI TARIM, HAYVANCILIK ve KIRSAL KALKINMA KONGRESİ, Sivas, Turkey, 18 December 2022, pp.705-713
- VI. **DETERMINATION OF THE ANTI-METHANOGENIC EFFECT OF SUPPLEMENTATION OF ROBINIA PSEUDOACACIA EXTRACT TO HEIFER TMR'S BY IN VITRO GAS PRODUCTION METHOD**  
DUMLU B., KAYA A.  
AGRO INTERNATIONAL CONFERENCE ON AGRICULTURE, Baku, Azerbaijan, 04 June 2022, pp.128-133
- VII. **The Influences of Salix Babylonica Leaf Extracts on Gas and Methane Production of the TMR**  
Kaya E., Kaya A.  
Alanya'da Tarım, Dünyada Tarım Kongres, Antalya, Turkey, 29 - 31 October 2021, pp.114-119
- VIII. **MEASUREMENT OF GAS AND METHANE PRODUCTION FROM ALFALFA HAY IN NYLONBAG OR DISPERSED IN THE MEDIUM IN AN IN VITRO GAS PRODUCTION**  
Bakır T., Başer A., Selçuk B., Kaya A., Özkan Ç. Ö., Kamalak A.  
V. International Congress on Domestic Animal Breeding, Genetics and Husbandry - 2021 (ICABGEH-21), Odessa, Ukraine, 27 - 30 September 2021, pp.129-131
- IX. **EFFECT OF MATURITY ON CHEMICAL COMPOSITION, NUTRITIVE VALUE AND METHANE PRODUCTION OF LEAVES OF LAURUS NOBILIS SHRUB**  
Selçuk B., Bakır T., Başer A., Kaya A., Şirikçi M., Özkan Ç. Ö., Bilal Y.  
V. International Congress on Domestic Animal Breeding, Genetics and Husbandry - 2021 (ICABGEH-21), Odessa, Ukraine, 27 - 30 September 2021, pp.123-127
- X. **EFFECT OF INCUBATION TYPE OF FEED SAMPLES ON IN VITRO GAS PRODUCTION AND METHANE PRODUCTION**  
Başer A., Selçuk B., Bakır T., Kaya A.  
V. International Congress on Domestic Animal Breeding, Genetics and Husbandry - 2021 (ICABGEH-21), Odessa, Ukraine, 27 - 30 September 2021, pp.118-120
- XI. **Effects of Species on Soluble and Bound Condensed Tannins of Some Tree Leaves**  
Atalay A. İ., Kurt Ö., Kaya A., Başer A., Kurt A. A., Kamalak A.  
V. International Congress on Domestic Animal Breeding, Genetics and Husbandry, Antalya, Turkey, 25 - 28 September 2018, pp.8

## Supported Projects

KAYA A., KAYA A., Project Supported by Higher Education Institutions, Ruminant rasyonlarına yem katkı maddesi olarak katılan Ormangülü Rhododendron türlerinin sindirim parametreleri ve metan üretimine etkisinin in vitro gaz üretim yöntemiyle belirlenmesi, 2023 - Continues

Gürsoy E., Kaya A., Kaya A., Ayaşan T., Project Supported by Higher Education Institutions, Çiçeklenme döneminde hasat edilen fiğ yem bitkisine farklı oranlarda meyve posalarının katılmasının silo kalitesine etkisi, 2022 - 2023  
Kaya A., Macit M., Kaya H., Kaya A., Project Supported by Higher Education Institutions, Gazel formdaki kayın ağacı *Fagus orientalis* Lipsky yapraklarının süt sığı TMRlerinde alternatif kaba yem kaynağı olarak kullanılabilirliğinin ve antimetanojenik potansiyelinin in vitro gaz üretim yöntemiyle belirlenmesi, 2022 - 2023  
Gürsoy E., Kaya A., Sezmiş G., Kaya A., Project Supported by Higher Education Institutions, Çiçeklenme döneminde hasat edilen İtalyan Çimine (*Lolium multiflorum* Lam.) farklı oranlarda üre ve melas katılmasının silaj kalitesi ve in vitro sindirilebilirlik parametreleri üzerine etkisi, 2021 - 2022  
Kamalak A., Özkan Ç. Ö., Şahin M., Canbolat Ö., TUBITAK Project, Bazı ağaç ve çalı yapraklarının koyunlarda anti-metanojenik potansiyelinin belirlenmesi, 2018 - 2021

## **Memberships / Tasks in Scientific Organizations**

The European Federation of Animal Science, Member, 2021 - Continues, Turkey

## **Scientific Refereeing**

Türk Tarım ve Doğa Bilimleri Dergisi, Other Indexed Journal, May 2023

## **Metrics**

Publication: 30  
Citation (WoS): 2  
Citation (Scopus): 11  
H-Index (WoS): 1  
H-Index (Scopus): 2

## **Scholarships**

Determination of anti-methanogenic potential of some tree and shrub leaves in sheep, TUBITAK, 2018 - 2019

## **Representation and Promotion Activities**

Institutional Promotion, Atatürk Üniversitesi, Turkey, Erzurum, 2023 - 2023