

# AFŞİN KOCAKAYA

## RES. ASST. PHD

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### International Researcher IDs

ScholarID: jAOpkDYAAAAJ

ORCID: 0000-0003-2023-8895

Publons / Web Of Science ResearcherID: T-9188-2017

ScopusID: 55808164800

Yoksis Researcher ID: 28035

## Learning Knowledge

Doctorate  
2019 - Continues

Ankara University, Sağlık Bilimleri Enstitüsü, Genetik (Dr) (Veteriner), Turkey

Doctorate  
2009 - 2016

Ankara University, Sağlık Bilimleri Enstitüsü, Zootekni (Dr) (Veteriner), Turkey

Undergraduate  
2002 - 2008

Ankara University, Veteriner Fakültesi, Veteriner Pr., Turkey

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Akkaraman koyunu yetiştiriciliğinde üreme özelliklerinin araştırılması, Ankara University, Sağlık Bilimleri Enstitüsü, Veteriner Zootekni, 2016

## Academic Titles / Tasks

Research Assistant  
2011 - Continues

Ankara University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü

## Supported Projects

1. Kocakaya A., TÜBİTAK Project, Koyun-Keçi Bireysel Bakım Ünitesi ve Sürü Yönetim Sistemi, 2020 - 2021

2. Özbeyaz C., Yüceer Özkul B., Özbaşer Bulut F. T., Özşensoy Y., Kocakaya A., Project Supported by Higher Education Institutions, Türkiye’de Yetiştirilen Yerli Asil Horozlarının Bazı Morfolojik ve Genetik Özelliklerinin Belirlenmesi, 2018 - 2021
3. ONBAŞILAR E. E., KOCAKAYA A., Project Supported by Higher Education Institutions, Altlık materyallerine ileve edilen sepiyolitin altlık özellikleri, broiler performansı refah ve bağışıklık gücüne etkisi, 2017 - 2018
4. Kocakaya A., Özbeyaz C., TUBITAK Project, Akkaraman Koyunu Yetiştiriciliğinde Üreme Özelliklerinin Araştırılması, 2012 - 2013
5. TUNÇ A. S., KOCAKAYA A., Project Supported by Higher Education Institutions, Geleneksel ve Zenginleştirilmiş Kafeslerde Barındırılan Farklı Genotipteki Tavuklarda Bazı Refah Kriterlerinin Belirlenmesi, Ankara Üniversitesi BAP- 10A3338005 nolu proje., 2010 - 2012
6. KOCAKAYA A., Project Supported by Higher Education Institutions, Farklı Altlık Materyallerine İlave Edilen Yucca Schidigera’nın Altlık Özelliklerine, Broiler Performansına, Ayak Tabanı ve Göğüs Yanıklarına, Bazı Kan Parametrelerine ve Bağışıklık Gücüne Etkisi, TÜBİTAK-1100933 nolu proje., 2011 - 2011

## Awards

1. Onbaşılar E. E., Ünal N., Erdem E., Kocakaya A., Yaranoglu B., Poster Bildiri Dalında Üçüncülük Ödülü, 6. Ulusal Veteriner Zootekni Kongresi-Kongre Bilim Kurulu, June 2016

## Scholarships

Türk Mastifi Köpeklerin Morfolojik ve Genetik Özelliklerinin Belirlenmesi ve Bu Köpeğin Tanıtılması Projesi Bursu, TUBITAK, 2009 - 2010

## Jury Memberships

Committee Of Expert, Committee Of Expert, Tarım ve Orman Bakanlığı, September, 2021

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

1. **Effects of the genotype, cage type and time period on the behaviour of laying hybrids at the same egg production level**  
ONBAŞILAR E. E., Erdem E., KOCAKAYA A., Gungor O. F., Kahraman M., Yaranoglu B., ÜNAL N., Akyuz H. C., GÜNDOĞAR U. C.  
TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.54, no.2, 2022 (SCI-Expanded)
2. **Effects of coated hatching eggs obtained from old broiler breeders with chitosan on embryonic growth, hatching results and chick quality**  
Varol Avcılar O., ONBAŞILAR E. E., KOCAKAYA A.  
JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, vol.105, no.5, pp.946-951, 2021 (SCI-Expanded)
3. **ESTIMATING RELATIONSHIP BETWEEN LIVE BODY WEIGHT AND TYPE TRAITS AT WEANING AND SIX MONTHS OF AGE IN BAFRA LAMBS USING CANONICAL CORRELATION ANALYSIS**  
ÖZEN D., KOCAKAYA A., Ozbeyaz C.  
JOURNAL OF ANIMAL AND PLANT SCIENCES-JAPS, vol.31, no.2, pp.386-393, 2021 (SCI-Expanded)
4. **Effects of cage type on performance, welfare, and microbiological properties of laying hens during the molting period and the second production cycle**  
Onbasilar E. E., Kahraman M., Gungor O. F., KOCAKAYA A., Karakan T., Pirpanahi M., Dogan B., Metin D., AKAN M., Sehu A., et al.  
Tropical Animal Health and Production, vol.52, no.6, pp.3713-3724, 2020 (SCI-Expanded)

5. **A recursive path model for estimation of the live weight using some body measurements in Awassi sheep**  
ÖZEN D., KOCAKAYA A., ÜNAL N., ÖZBEYAZ C.  
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.66, no.3, pp.303-309, 2019 (SCI-Expanded)
6. **Influence of sepiolite additions to different litter materials on performance and some welfare parameters of broilers and litter characteristics**  
Avcılar O. V., KOCAKAYA A., ONBAŞILAR E. E., Pirpanahi M.  
POULTRY SCIENCE, vol.97, no.9, pp.3085-3091, 2018 (SCI-Expanded)
7. **Comparison of liver and bone health of two laying hen strains kept in different cage systems**  
ONBAŞILAR E. E., Erdem E., Unal N., Tunc A. S., KOCAKAYA A., Yaranoglu B.  
EUROPEAN POULTRY SCIENCE, vol.80, 2016 (SCI-Expanded)
8. **Production performance, use of nest box, and external appearance of two strains of laying hens kept in conventional and enriched cages**  
ONBAŞILAR E. E., Unal N., Erdem E., KOCAKAYA A., Yaranoglu B.  
POULTRY SCIENCE, vol.94, no.4, pp.559-564, 2015 (SCI-Expanded)
9. **Effects of brooder machine rearing method in the first week on fattening performance, carcass characteristics, meat quality and some blood parameters of Pekin ducks**  
ERDEM E., ONBAŞILAR E. E., KOCAKAYA A., YALÇIN S.  
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.62, no.3, pp.237-242, 2015 (SCI-Expanded)
10. **Effect of spraying Pekin duck eggs obtained from different breeder age on hatchability**  
ONBAŞILAR E. E., Erdem E., KOCAKAYA A., Hacan O.  
EUROPEAN POULTRY SCIENCE, vol.78, 2014 (SCI-Expanded)
11. **Some morphological and genetic characteristics of Malakh Karab ash dogs**  
Atasoy F., ERDOĞAN M., Ozarslan B., YÜCEER ÖZKUL B., KOCAKAYA A., Akcapinar H.  
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.61, no.2, pp.125-132, 2014 (SCI-Expanded)
12. **Effect of Yucca schidigera additions to different litter materials on broiler performance, footpad dermatitis and litter characteristics**  
ONBAŞILAR E. E., Erdem E., Unal N., KOCAKAYA A., Torlak E.  
EUROPEAN POULTRY SCIENCE, vol.78, 2014 (SCI-Expanded)
13. **Effect of Width and Depth of Bell Drinker and Sex on Fattening Performance and Carcass Characteristics of Pekin Ducks**  
ONBAŞILAR E. E., ERDEM E., HACAN Ö., KOCAKAYA A.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.19, no.6, pp.923-927, 2013 (SCI-Expanded)
14. **Effect of Yucca schidigera Spraying in Different Litter Materials on Some Litter Traits and Breast Burn of Broilers at the Fifth Week of Production**  
ONBAŞILAR E. E., ERDEM E., ÜNAL N., KOCAKAYA A., TORLAK E.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.19, no.5, pp.749-753, 2013 (SCI-Expanded)

### Articles Published in Other Journals

1. **The Effects of Progesterone and Estrogen Hormone Levels on Some Reproductive Characteristics of The Akkaraman Sheep**  
Kocakaya A., Özbeyaz C.  
KSU TARIM VE DOĞA DERGİSİ-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.22, pp.424-430, 2019 (ESCI)
2. **Eskişehir’de Yetiştirici Koşullarındaki İvesi Koyunlarında Bazı Özelliklerin İncelenmesi**  
ÖZBEYAZ C., Bilgiç Ö. F., KOCAKAYA A., ÜNAL N.  
Lalahan Hayvancılık Araştırma Enstitüsü Dergisi, vol.58, no.1, pp.1-6, 2018 (Peer-Reviewed Journal)
3. **Çiftlik Hayvanlarının Sera Gazları Üretimindeki Rolü**  
ÖZBEYAZ C., KOCAKAYA A.  
Türk Veteriner Hekimleri Birliği Dergisi, vol.11, no.3-4, pp.54-67, 2011 (Peer-Reviewed Journal)

#### 4. Süt Sığırlarında Genomik Değerlendirme

ÖZBEYAZ C., KOCAKAYA A.

Lalahan Hayvancılık Araştırma Enstitüsü Dergisi, vol.51, no.2, pp.93-104, 2011 (Peer-Reviewed Journal)

#### Books & Book Chapters

##### 1. THE EFFECT OF COAT COLOUR ON RACE PERFORMANCE IN THOROUGHBRED HORSES

KOCAKAYA A., ÖZBEYAZ C.

in: ULUSLARARASI TARIM VE ÇEVRE BİLİMLERİ ARAŞTIRMALARI KONGRESİ, Gülsemin HAZER, Mehmet ÖZDEMİR, Gökşen ARAS, Editor, Güven Plus Grup A.Ş. Yayınları, İstanbul, pp.80-82, 2019

#### Refereed Congress / Symposium Publications in Proceedings

##### 1. CATTLE IDENTIFICATION SYSTEMS ON THE EDGE OF NEW ERA

Kocakaya A., Özbeyaz C.

VI. International Congress on Domestic Animal Breeding, Genetics and Husbandry - 2022 (ICABGEH-22), Samsun, Turkey, 03 October 2022, pp.312-317

##### 2. Some Animal Competitions and Animal Welfare in Turkey

KOCAKAYA A., ATASOY F.

VI. International Congress on Natural and Health Sciences, Konya, Turkey, 14 - 15 March 2020

##### 3. I. THE EFFECT OF COAT COLOUR ON RACE PERFORMANCE IN THOROUGHBRED HORSES

ÖZBEYAZ C., KOCAKAYA A.

ULUSLARARASI TARIM VE ÇEVRE BİLİMLERİ ARAŞTIRMALARI KONGRESİ, 7 - 08 December 2019

##### 4. NATIVE DOGS OF TURKEY

KOCAKAYA A., ATASOY F.

1. ULUSLARARASI TARIM VE ÇEVRE BİLİMLERİ ARAŞTIRMALARI KONGRESİ, Ankara, Turkey, 7 - 08 December 2019, pp.77-79

##### 5. THE EFFECT OF COAT COLOUR ON RACE PERFORMANCE IN THOROUGHBRED HORSES

KOCAKAYA A., ÖZBEYAZ C.

1. ULUSLARARASI TARIM VE ÇEVRE BİLİMLERİ ARAŞTIRMALARI KONGRESİ, Ankara, Turkey, 7 - 08 December 2019, pp.80-82

##### 6. Determination of antioxidant enzyme activity in Akkaraman sheep milk

Cengiz R. S., Meral Ö., Kocakaya A., Pekcan M.

2nd International Conference on Veterinary Biochemistry and Clinical Biochemistry, Ankara, Turkey, 24 - 26 October 2019

##### 7. Some results of reproductive traits and milk yield of akkaramansheep under selection for fertility and milk yield

Kocakaya A., Güngör Ö. F., Ünal N., Özbeyaz C.

4th International Congress on Advances of Veterinary Sciences and Techniques (ICAVST), Kyiv, Ukraine, 10 - 14 July 2019, pp.17-21

##### 8. EVALUATION OF GROWTH AND SURVIVAL RATES OF AWASSI LAMBS IN BREEDER CONDITIONS IN ESKİSEHİR

Özbeyaz C., Bilgiç Ö. F., Kocakaya A., Ünal N.

International Congress on Domestic Animal Breeding, Genetics and Husbandry (ICABGEH-18), Antalya, Turkey, 26 - 28 September 2018

##### 9. Evaluation of two laying hen strains kept in different cage systems for liver health

Onbaşlar E. E., Erdem E., Ünal N., Tunç A. S., Kocakaya A., Yaranoglu B.

69th Annual Meeting of the European Federation of Animal Science, Dubrovnik, Croatia, 27 - 31 August 2018

##### 10. Effects of Width and Depth of Bell Drinker and Sex on Carcass Characteristics and Relative Organ

## **Weights of Pekin Ducks**

ONBAŞILAR E. E., ERDEM E., HACAN Ö., KOCAKAYA A.

International Conference on Agriculture Forest Food Sciences and Technologies, Kapadokya, Turkey, 15 - 17 May 2017

11. **Influence of Yucca Schidigera Additions to the Litter on Broiler Performance**  
Onbaşilar E. E., Erdem E., Ünal N., Kocakaya A.  
4th International VETIstanbul Group Congress, Almati, Kazakhstan, 11 - 13 May 2017
12. **Investigation Of Some Reproductive Characteristics and Progesterone Levels of Akkaraman Sheep**  
KOCAKAYA A., ÖZBEYAZ C.  
International Congress on Advances in Veterinary Sciences Technics, Saraybosna, Bosnia And Herzegovina, 24 - 29 August 2016, vol.218
13. **Effects of rearing method in the first week on the performance and meat quality of male and female Pekin ducks**  
ERDEM E., ONBAŞILAR E. E., KOCAKAYA A., YALÇIN S.  
TASP 2016, 26 - 29 July 2016
14. **Bafra x Akkaraman melezlemesi ile karasal iklim koşullarına uygun yeni tipler elde etme olanaklarının araştırılması**  
akçapınar h., GÜNGÖR Ö. F., KOCAKAYA A., ÜNAL N., ERDEM E., ÖZARSLAN B., ÖZBEYAZ C.  
VI. Ulusal Veteriner Zootekni Kongresi, Kapadokya, Nevşehir, Nevşehir, Turkey, 1 - 04 June 2016, pp.139-140
15. **Onbaşilar EE Ünal N Erdem E Kocakaya A Yaranoglu B 2016 Farklı Tip Kafeslerde Yetiştirilen Yumurtacı Hibritlerde Performans**  
ONBAŞILAR E. E., ÜNAL N., ERDEM E., KOCAKAYA A., YARANOĞLU B.  
VI. Ulusal Veteriner Zootekni Kongresi, Turkey, 1 - 04 June 2016, pp.155-156
16. **Milk yield of Akkaraman Sheep in Turkey**  
Kocakaya A., Güngör Ö. F., Halil A., Özbeyaz C., Ünal N.  
2nd Veterinary Congress of Bosnia and Herzegovina, One World-One Health-One Vision, Sarajevo, Bosnia And Herzegovina, 14 - 16 October 2015
17. **Some Reproductive and Growth Traits of Akkaraman Sheep in Turkey 17 19 September 2015**  
**Bydgoszcz Ciechocinek POLAND**  
GÜNGÖR Ö. F., ÜNAL N., KOCAKAYA A., halil a., ÖZBEYAZ C.  
VIth International Scientific Symposium for PhD Students and Students of Agricultural Colleges, pp. 50, Bydgoszcz-Ciechocinek, POLAND., Bydgoszcz-Ciechocinek,, Poland, 17 - 19 September 2015
18. **Some reproductive and growth traits of Akkaraman sheep in Turkey**  
Güngör Ö. F., Kocakaya A., Akçapınar H., Ünal N., Özbeyaz C.  
VIth International Scientific Symposium for PhD students and students of agricultural colleges, Innovative researches for the the future of agriculture and rural areas development, Bydgoszcz, Poland, 17 - 19 September 2015

## **Other Publications**

1. **Veteriner Hekim Tür Kartları Kazlara Genel Bir Bakış**  
Kocakaya A.  
Other, pp.1, 2022
2. **Veteriner Hekim Tür Kartları Hindillere genel bir bakış**  
Kocakaya A.  
Other, pp.1, 2022
3. **Veteriner Hekim Tür Kartları Ördeklere Genel Bir Bakış**  
Kocakaya A.  
Other, pp.1, 2022
4. **Türk Mastifi Köpeklerin Morfolojik ve Genetik Özelliklerinin Belirlenmesi ve Bu Köpeğin Tanıtılması**

Erdoğan M., Akçapınar H., Yüceer Özkul B., Özarslan B., Kocakaya A.  
Other, pp.1-41, 2011

## Expert Reports

### 1. Karakal cinsi kedilerin hayvanat bahçesinde barınmaları

Kocakaya A.

MNM Avrasya Orman İşl.Otomotiv Hayv.Turizm.Enerji İşl.San.Tic.LTD.Şti., pp.3, Ankara, 2019

## Academic and Administrative Experience

2023 - Continues	<b>Biyogüvenlik Komisyonu</b>	Ankara University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü
2018 - Continues	<b>Tıbbi Atık Anabilim Dalı Sorumlusu</b>	Ankara University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü
2012 - Continues	<b>Ankra Üniversitesi Ziraat Fakültesi Zootekni Anabilim Dalı Hayvancılık İşletmeleri Sorumlu Yöneticisi</b>	Ankara University, Ziraat Fakültesi, Zootekni Bölümü
2019 - 2020	<b>Kontrol Teşkilatı Üyesi</b>	Ankara University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü

## Courses

İNTÖRN EĞİTİMİ, Undergraduate, 2018 - 2019, 2017 - 2018

## Scientific Refereeing

Livestock studies, Other Indexed Journal, March 2023

Veteriner Bilimleri Dergisi . Eurasian Journal of Veterinary Sciences, Other Indexed Journal, February 2023

THERIOGENOLOGY, SCI Journal, January 2023

Veteriner Hekimler Derneği Dergisi, Other Indexed Journal, January 2023

ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, SCI Journal, May 2022

Project Supported by Higher Education Institutions, BAP Research Project, Selcuk University, Turkey, May 2022

Technopark, AQUATERRA TARIMSAL ARASTIRMA HAYVANCILIK DANISMANLIK TICARET LIMITED SİRKETİ, Turkey, March 2022

Journal of Agricultural Science and Technology B, Other Indexed Journal, January 2022

ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, SCI Journal, September 2021

Journal of Agricultural Science and Technology B, Other Indexed Journal, September 2021

THERIOGENOLOGY, SCI Journal, August 2021

ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, SCI Journal, August 2021

Theriogenology, SCI Journal, July 2021

ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, SCI Journal, June 2021

ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, SCI Journal, April 2021

ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, SCI Journal, January 2021  
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, SCI Journal, January 2021  
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, SCI Journal, December 2020  
Journal of Agricultural Science and Technology B, Other Indexed Journal, November 2020  
Project Supported by Higher Education Institutions, BAP Research Project, Balikesir University, Turkey, April 2020  
Journal of Agricultural Science and Technology B, Other Indexed Journal, August 2018  
Journal of Agricultural Science and Technology B, Other Indexed Journal, July 2018  
Journal of Agricultural Science and Technology B, Other Indexed Journal, July 2018  
Journal of Agricultural Science and Technology B, Other Indexed Journal, June 2018  
Journal of Agricultural Science and Technology B, Other Indexed Journal, May 2018  
Journal of Agricultural Science and Technology B, Other Indexed Journal, April 2018  
Journal of Agricultural Science and Technology B, Other Indexed Journal, March 2018  
Journal of Agricultural Science and Technology B, Other Indexed Journal, February 2018  
Journal of Agricultural Science and Technology B, Other Indexed Journal, January 2018  
Journal of Agricultural Science and Technology B, Other Indexed Journal, September 2017  
Journal of Agricultural Science and Technology B, Other Indexed Journal, June 2017  
Journal of Agricultural Science and Technology B, Other Indexed Journal, April 2017  
Journal of Agricultural Science and Technology B, Other Indexed Journal, March 2017  
Journal of Agricultural Science and Technology B, Other Indexed Journal, January 2017

## Metrics

Publication: 42  
Citation (WoS): 55  
Citation (Scopus): 67  
H-Index (WoS): 4  
H-Index (Scopus): 5

## Research Areas

Veterinary Sciences, Zootechnical (Breeding and Breeding), Single Nail, Cattle, sheep, Poultry, House and Experimental Animals, Animal Husbandry, Biometrics, Animal Welfare, Behavior and Ethics