

## Res. Asst. PhD HAKAN ERDEM

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### International Researcher IDs

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### Education Information

Doctorate, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Zootečni, Turkey 2017 - 2023

Postgraduate, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Zootečni, Turkey 2013 - 2017

Undergraduate, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Zootečni, Turkey 2009 - 2012

### Dissertations

Doctorate, QUANTITATIVE GENETIC STUDIES ON GROWTH: GENOTYPE ENVIRONMENT INTERACTION, INBREEDING AND THE UNIFORMITY PROBLEM, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Zootečni, 2023

Postgraduate, EFFECTS OF DUSTBATHING ON POULTRY RED MITE (*Dermanyssus gallinae*) IN JAPANESE QUAIL CHICKS, Canakkale Onsekiz Mart University, Ziraat Fakültesi, Zootečni, 2017

### Research Areas

Agricultural Sciences, Agriculture, Zootečni and Animal Nutrition, Animal Husbandry, sheep, Winged, Home and Experimental Animals

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

- I. **Factors affecting mortality in COVID-19-associated pulmonary aspergillosis: An international ID-IRI study**  
ŞAHİN M., YILMAZ M., MERT A., Emecen A. N., Rahman S. Al Maslamani M. A., Mahmoud A. Hashim S., Ittaman A. V., Wadi Al Ramahi J., Gergely Szabo B., Konopnicki D., et al.  
Heliyon, vol.10, no.14, 2024 (SCI-Expanded)
- II. **mucormycosis: The international ID-IRI study**  
ŞAHİN M., YILMAZ M., MERT A., Naghili B., Ravanbakhsh F., Varshochi M., Darazam I. A., Ebrahimi M. J., Moafi M., Tehrani H. A., et al.  
Medical Mycology, vol.62, no.7, 2024 (SCI-Expanded)
- III. **Genotype-environment interaction in layer chickens in the growing stage: comparison of three genotypes at two different feeding levels with or without red mite (*Dermanyssus gallinae*) infestation**  
Erdem H., Savaş T.

Archiv Fur Tierzucht-Archives Of Animal Breeding, vol.64, pp.447-455, 2021 (SCI-Expanded)

- IV. **The diagnostic utility of the “Thwaites’ system” and “lancet consensus scoring system” in tuberculous vs. non-tuberculous subacute and chronic meningitis: multicenter analysis of 395 adult patients**  
Sulaiman T., Medi S., Erdem H., Senbayrak S., Ozturk-Engin D., Inan A., Civljak R., Nechifor M., Akbulut A., Crisan A., et al.  
BMC Infectious Diseases, vol.20, no.1, 2020 (SCI-Expanded)
- V. **Growth, behavioural and haematological responses to poultry red mite infestation in Japanese quail**  
Erdem H., Konyalı C., Akbağ H. I., Savaş T.  
EUROPEAN POULTRY SCIENCE, vol.84, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Identifying risk factors for blood culture negative infective endocarditis: An international ID-IRI study**  
Filiz M., Erdem H., Ankaralı H., Puca E., Ruch Y., Santos L., Fasciana T., Giammanco A. M., Ghanem-Zoubi N., Argemi X., et al.  
New Microbes and New Infections, vol.60-61, 2024 (ESCI)
- II. **Morphometric Comparison of Three Short-Beak Pigeon Breeds from The Aegean Region (Turkey) By Discriminant Analysis**  
Savaş T., Erdem H., Gündüz S., Damgacı İ.  
International Journal of Poultry - Ornamental Birds Science and Technology, vol.4, no.1, pp.15-20, 2024 (Peer-Reviewed Journal)
- III. **Sexual Dimorphism in Body Size and Some Exterior Traits of Pigeon Breed Groups**  
SAVAŞ T., ERDEM H.  
Poultry Studies, vol.19, no.2, pp.68-77, 2022 (Peer-Reviewed Journal)
- IV. **Effects of Kinship Matings on Embryo Losses and Hatch-Weight in Japanese Quails: Half Sibling Matings are Safe**  
Erdem H., Savaş T.  
Poultry Studies, vol.19, no.1, pp.7-10, 2022 (Peer-Reviewed Journal)
- V. **On the Problem of “Breed” in Pigeon Breeding of Turkey**  
Savaş T., Erdem H.  
International Journal of Poultry -Ornamental Birds Science and Technology, vol.2, no.1, pp.23-29, 2021 (Peer-Reviewed Journal)
- VI. **Morphological Characterization of Edremit Turning Pigeons**  
Erdem H., Konyalı C., Savaş T.  
ÇOMÜ ZİRAAT FAKÜLTESİ DERGİSİ, vol.6, no.2, pp.93-100, 2018 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Çanakkale Tavukçuluğu**  
Karabayır A., Erdem H.  
in: ÇANAKKALENİN STRATEJİK SEKTÖRÜ TARIM-2, Prof. Dr. Murat Şeker, Prof. Dr. Fatih Kahrıman, Prof. Dr. Ali Sungur, Doç. Dr. Burak Polat, Editor, Özgür Yayınları, Gaziantep, pp.179-197, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **Japon Bildircinlarında Kum Banyosunun Büyüme, Yumurta Verimi ve Yumurta Kalitesine Etkisi.**

TÖLÜ C., ERDEM H., ÜNAL B., Ünal Ç. T., SAVAŞ T.

13. Ulusal Zootečni Kongresi, Ankara, Turkey, 26 - 28 October 2023, vol.1, pp.8-9

- II. **The effects of feeding with artificial crop milk and kefir on growth and some blood parameters of squab pigeon**  
Şensoy A., ERDEM H., AKBAĞ H. I., TÖLÜ C., YİĞİT S., SAVAŞ T.  
9th International Başkent Congress on Physical, Engineering, and Applied Sciences, Ankara, Turkey, 20 May 2023, vol.1, pp.233-234
- III. **Hareket Bozukluklarının Deneysel Çalışılmasına Model Organizma olarak Güvercinler.**  
ÜNAL B., ÜNAL Ç. T., ERDEM H., TÖLÜ C., SAVAŞ T.  
58. Ulusal Nöroloji Kongresi, Antalya, Turkey, 19 - 24 November 2022, vol.1, pp.85
- IV. **HAREKET BOZUKLUKLARININ DENEYSEL ÇALIŞILMASINA MODEL ORGANİZMA OLARAK GÜVERCİNLER**  
Ünal B., Savaş T., Tölü C., Erdem H., Ünal Ç. T.  
58. ULUSAL NÖROLOJİ KONGRESİ, Antalya, Turkey, 21 November 2022, pp.85
- V. **Çanakkale İlinde Üç Koyun Irkında Doğum ve Sütten Kesim Ağırlığına ait Genetik Parametrelerin Tahmini**  
SAVAŞ T., ERDEM H., Göktürk Yetiştiren S., TÖLÜ C.  
3. Çanakkale Tarımı Sempozyumu, Çanakkale, Turkey, 16 November 2022, vol.1, pp.195-204
- VI. **Effects of kinship matings on hatchability of fertile Japanese quail eggs**  
Erdem H., Konyalı C., Ünbaş E., Savaş T.  
III International and XII National Animal Science Conference, Bursa, Turkey, 27 - 28 November 2021, pp.99
- VII. **Factors Affected Feather Louse Density and Eimeria Oocyst load in Pigeons**  
Erdem H., Uz A., Savaş T., Konyalı C.  
1st International Congress of Alternative Poultry and Ornamental Birds, Antalya, Turkey, 8 - 10 November 2019, pp.35-38
- VIII. **Effects of Different Feeding Method on Feed Consumption and Live Weight of Pigeons**  
Erdem H., Savaş T., Konyalı C.  
1st International Congress of Alternative Poultry and Ornamental Birds, Antalya, Turkey, 8 - 10 November 2019, pp.39-40
- IX. **In vitro effectiveness of applied acaricides against Dermanyssus gallinae isolated from free range farms**  
KONYALI C., ERDEM H., ERALP E., SAVAŞ T.  
11. Animal Science Conference, Nevşehir, Turkey, 20 - 22 October 2019, pp.230-232
- X. **Genetic Parameter Estimation of Testday Milk Traits in Turkish Saanen Goats via Gibbs Sampling**  
Mandacı M., Erdem H., SAVAŞ T., TÖLÜ C.  
International Erciyes Agriculture, Animal Food Sciences Conference, Kayseri, Turkey, 24 - 27 April 2019, vol.1, pp.25
- XI. **Relationships between population size of poultry red mite (Dermanyssus gallinae) and hematological values in infested laying hens**  
Eralp E., Erdem H., Konyalı C., Coşkun B., Savaş T.  
10th International Animal Science Conference, Antalya, Turkey, 25 - 27 October 2018
- XII. **Heritabilities based on sire model and test days for milk performance traits in Turkish Saanen goats**  
Mandacı M., Erdem H., AKBAĞ H. I., SAVAŞ T., TÖLÜ C.  
10. International Animal Science Conference, Antalya, Turkey, 25 - 27 October 2018, vol.1, pp.629-630
- XIII. **Effects of Feed Restriction on Dermanyssus gallinae Infestation in Growing Chicks**  
ERDEM H., KONYALI C., ERALP E., SAVAŞ T.  
4th COST COREMI Conference "Improving current understanding and research for sustainable control of the poultry red mite Dermanyssus gallinae", Cluj-Napoca, Romania, 1 - 12 November 2018, vol.19, pp.46
- XIV. **Can animal behaviors be used as an indicator for the control of poultry red mite?**  
KONYALI C., ERDEM H., SAVAŞ T.  
10th International Animal Science Conference, Antalya, Turkey, 25 - 28 October 2018, pp.215-218

- XV. **Hemogram and full carcass nutrient contents in quails infested with *Dermanyssus gallinae***  
ERDEM H., KONYALI C., AKBAĞ H. I., SAVAŞ T.  
10th International Animal Science Conference, Antalya, Turkey, 25 - 28 October 2018, pp.264-266
- XVI. **The Current Situation of Free Range Egg Production Farms: The Model of Çanakkale Region**  
Konyalı C., Erdem H., Savaş T.  
International Poultry Science Congress of WPSA Turkish Branch '2018, Niğde, Turkey, 9 - 12 May 2018, pp.177-181
- XVII. **Influence of Different Population Sizes of Poultry Red Mite (*Dermanyssus gallinae*) on Hematological Values in Japanese Quail Chicks**  
ERDEM H., KONYALI C., AKBAĞ H. I., COŞKUN B., SAVAŞ T.  
International Poultry Science Congress of WPSA Turkish Branch'2018, Niğde, Turkey, 9 - 12 May 2018, pp.269-272
- XVIII. **The Current Situation of Free Range Egg Production Farms: The Model of Çanakkale Region**  
KONYALI C., Erdem H., SAVAŞ T.  
International Poultry Science Congress of WPSA Turkish Branch'2018, Niğde, Turkey, 9 - 12 May 2018, pp.177-181
- XIX. **Prevalence of *Dermanyssus gallinae* and Relation with Henhouse Conditions of Backyards in Çanakkale Province in Turkey**  
KONYALI C., Erdem H., SAVAŞ T.  
International Poultry Science Congress of WPSA Turkish Branch'2018, Niğde, Turkey, 9 - 12 May 2018, pp.281-286
- XX. **Behaviors of Different Chicken Genotypes Under *Dermanyssus gallinae* Infestation**  
Konyalı C., Erdem H., Savaş T.  
8th International Balkan Animal Science Conference, Prizren, Kosovo, 6 - 08 September 2017, pp.177
- XXI. **Hemogram and Nutrient Content of Whole Carcass of Japanese Quails (*Coturnix coturnix*) Infested with Poultry Red Mite**  
Konyalı C., Erdem H., Savaş T.  
2nd International Balkan Agriculture Congress, Tekirdağ, Turkey, 16 May 2017 - 18 May 2018, pp.405
- XXII. **Hemogram and nutrient content of whole carcass of Japanese quails (*Coturnix coturnix japonica*) infested with poultry red mite (*Dermanyssus gallinae*)**  
KONYALI C., Erdem H., SAVAŞ T.  
2nd INTERNATIONAL BALKAN AGRICULTURE CONGRESS, Tekirdağ, Turkey, 16 - 18 May 2017, pp.405
- XXIII. **Kanatlı Kırmızı Akarı ile Enfekte Cıvcivlerde Genotipler Arası Varyasyon**  
KONYALI C., Erdem H., SAVAŞ T.  
ULUSAL KÜMES HAYVANLARI KONGRESİ-2016, Samsun, Turkey, 5 - 08 October 2016, pp.124-132
- XXIV. **Yumurtacı Piliç ve Japon Bildircinlarında Bilateral Organlarda *Dermanyssus gallinae* Enfestasyonunun Dalgalı Asimetriye Etkisi**  
KONYALI C., Erdem H., SAVAŞ T.  
9. Ulusal Zootekni Kongresi, Konya, Turkey, 3 - 05 September 2015, pp.366-372
- XXV. **Kanatlıların Kırmızı Akarı (*Dermanyssus gallinae*): Biyolojisi ve Etkileri**  
ERDEM H., KONYALI C., COŞKUN B., SAVAŞ T.  
9. ULUSAL ZOOTEKNİ BİLİM KONGRESİ, Konya, Turkey, 3 - 05 September 2015, pp.282-289
- XXVI. **Effect of *Dermanyssus gallinae* on carcass composition and carcass nutrient content from whole body analysis in Japanese quails**  
ERDEM H., AKBAĞ H. I., DEMİRCAN A., KONYALI C., SAVAŞ T.  
7 TH BALKAN CONFERENCE ON ANIMAL SCIENCE, Sarajevo, Bosnia And Herzegovina, 3 - 06 June 2015, pp.82
- XXVII. **Japon Bildircinları Kanatlıların Kırmızı Akarına Toleranslı mı?**  
ERDEM H., KONYALI C., SAVAŞ T.  
Ulusal Kümes Hayvanları Kongresi, Elazığ, Turkey, 9 - 11 October 2014, pp.56
- XXVIII. **Farklı Yumurtacı Genotiplerde Büyüme Dönemindeki Kanatlı Kırmızı Akarı Enfestasyonunun Kesim Ağırlığı ve Vücut Uzuvarları Gelişimi Üzerine Etkisi.**  
KONYALI C., ERDEM H., SAVAŞ T.  
Ulusal Kümes Hayvanları Kongresi, Elazığ, Turkey, 9 - 11 October 2014, pp.22
- XXIX. **Kanatlı Kırmızı Akarı (*Dermanyssus gallinae*) Enfestasyonunun Yavaş ve Hızlı Büyüyen Genotipler**

### **Temelinde Erken Büyüme Döneminde Karkas Özellikleri Üzerine Etkisi**

KONYALI C., ERDEM H., SAVAŞ T.

Uluslararası Mezopotamya Tarım Kongresi, Diyarbakır, Turkey, 22 - 25 September 2014, pp.11

### **XXX. Kanatlı Kırmızı Akarı (*Dermanyssus gallinae*) Enfestasyonunun Erken Büyüme Döneminde Piliçlerde Yem Tüketimi ve Canlı Ağırlık Değişimi Üzerine Etkisi**

KONYALI C., ERDEM H., COŞKUN B., SAVAŞ T.

2. Organik Hayvancılık Kongresi, Bursa, Turkey, 24 - 26 October 2013, pp.11-15

## **Metrics**

Publication: 42

Citation (WoS): 9

Citation (Scopus): 13

H-Index (WoS): 1

H-Index (Scopus): 1

## **Scholarships**

2211/A Doktora Bursu, TÜBİTAK, 2020 - Continues

100/2000 Doktora Bursu, YOK, 2018 - 2020