

# Prof. İSMAYİL SAFA GÜRCAN

## Personal Information

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## International Researcher IDs

ORCID: 0000-0002-0738-1518

Yoksis Researcher ID: 31343

## Education Information

Doctorate, Ankara University, Veteriner Fakültesi, Zootekni ve Hayvan Besleme Bölümü, Turkey 1994 - 2000

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 1992 - 1994

Undergraduate, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, Turkey 1987 - 1991

## Foreign Languages

English, B2 Upper Intermediate

## Certificates, Courses and Trainings

Education Management and Planning, Deney Hayvanları Kullanımı Sertifika Programı, Ankara Üniversitesi, 2023

Education Management and Planning, Hizmet içi Araştırma Görevlileri için Nicel Veri Analizi, Ankara Üniversitesi, 2022

## Research Areas

Health Sciences, Natural Sciences

## Academic Titles / Tasks

Professor, Ankara University, Veteriner Fakültesi, Zootekni ve Hayvan Besleme Bölümü, 2014 - Continues

Associate Professor, Ankara University, Veteriner Fakültesi, Zootekni ve Hayvan Besleme Bölümü, 2009 - 2014

Assistant Professor, Ankara University, Veteriner Fakültesi, Zootekni ve Hayvan Besleme Bölümü, 2007 - 2009

## Academic and Administrative Experience

Ankara University, 2007 - Continues

## Courses

ZAMAN SERİLERİ, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

REGRESYON ANALİZİ, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

VARIYANS ANALİZİ, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

HAYVAN VE HAYVANSAL ÜRÜNLER PAZARLAMASI, Doctorate, 2013 - 2014

BİLİMSEL ARAŞTIRMALARDA İSTATİSTİKSEL YÖNTEMLERİN KULLANIMI, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

HAYVANCILIĞA DAYALI SANAYİ İŞLETMECİLİĞİ, Doctorate, 2013 - 2014

PARAMETRİK OLMAYAN TESTLER VE TRANSFORMASYONLAR, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

BİYOİSTATİSTİK II, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2007 - 2008

DENEME PLANLAMASI II, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

TEORİK DAĞILIMLAR II, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

EKONOMETRİ, Doctorate, 2012 - 2013

BİLGİSAYAR PROGRAMLAMA, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

HİPOTEZ KONTROLLERİ, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

İSTATİSTİKSEL KALİTE KONTROLÜ, Doctorate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

ÖRNEKLEME METODLARI II, Doctorate, 2011 - 2012, 2010 - 2011, 2009 - 2010

HAYVANCILIĞA DAYALI SANAYİ EKONOMİSİ VE İŞLETMECİLİĞİ, Doctorate, 2011 - 2012

BİLGİSAYAR SİSTEMLERİ, Doctorate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

EN DÜŞÜK MALİYETLİ RASYON PROGRAMLAMA, Doctorate, 2010 - 2011

İSTATİSTİKSEL GENETİK, Doctorate, 2010 - 2011

PROBİT ANALİZİ, Doctorate, 2009 - 2010

SAĞLIK İSTATİSTİKLERİNDE KARAR, Doctorate, 2009 - 2010

ÖRNEKLEME METODLARI I, Postgraduate, 2008 - 2009

BİYOİSTATİSTİK I, Postgraduate, 2008 - 2009

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

- I. **Space-time cluster analysis and maximum entropy modeling of Peste des petits ruminants (PPR) in Türkiye**  
Bayir T., GÜRCAN İ. S.  
Tropical animal health and production, vol.56, no.8, pp.290, 2024 (SCI-Expanded)
- II. **Retrospective investigation of Newcastle disease reported in Türkiye between 2017-2019**  
Bayir T., GÜRCAN İ. S.  
Ankara Üniversitesi Veteriner Fakültesi Dergisi, vol.70, no.2, pp.175-181, 2023 (SCI-Expanded)
- III. **Spatiotemporal Distributions of Foot and Mouth Disease Between 2010-2019 in Turkey**  
BAYİR T., Gurcan İ. S.  
ACTA VETERINARIA-BEOGRAD, vol.72, no.3, pp.334-347, 2022 (SCI-Expanded)
- IV. **Investigation of Factors Influencing Thoroughbred Horses' Racing Career Length in Turkey**  
ÖZEN D., KAYA U., ÖZEN H., Ambarcioglu P., ÜNAL N., GÜRCAN İ. S.  
JOURNAL OF EQUINE VETERINARY SCIENCE, vol.107, 2021 (SCI-Expanded)
- V. **An evaluation of the efficiency of beekeeping enterprises in Hatay province with data envelopment analysis**  
KAYA U., GÜRCAN İ. S.  
ANKARA ÜNİVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.68, no.3, pp.229-235, 2021 (SCI-Expanded)
- VI. **Base study for the establishment of national Salmonella control program in hatching farms and table eggs in Turkey**

Diker K. S., GÖNCÜOĞLU M., Sahin G., AKAN M., GÜRCAN İ. S., MÜŞTAK H. K., AYAZ N. D., SARIÇAM İNCE S., Ozdal Salar M., Acikalin H. D., et al.

TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.44, no.2, pp.343-349, 2020 (SCI-Expanded)

- VII. **Antibacterial activity of Turkish honey against selected foodborne pathogens**  
Iplikcioglu-Cil G., KÜPLÜLÜ Ö., CENGİZ G., KORKMAZ S. D., Arslan B., GÜRCAN İ. S.  
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.67, no.4, pp.413-418, 2020 (SCI-Expanded)
- VIII. **Relationship between seropositivity of Encephalitozoon cuniculi and renal biochemical markers in clinically healthy rabbits**  
Ozkan O., Yucesan B., Pekaya S., ALÇIĞIR M. E., GÜRCAN İ. S.  
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.66, no.2, pp.197-204, 2019 (SCI-Expanded)
- IX. **The effects of aflatoxin residues on nutritional contents in ground red chili peppers (*Capsicum annum*)**  
FİLAZİ A., Kuzukiran O., Yurdakok-Dikmen B., Ozansoy-Cengiz G., GÜRCAN İ. S., Karabulut E., ŞİRELİ U. T.  
JOURNAL OF VETERINARY PHARMACOLOGY AND THERAPEUTICS, pp.107, 2018 (SCI-Expanded)
- X. **Live weight and body measurements of male and female native ducks raised in different raising systems**  
ÖNK K., SARI M., GÜRCAN İ. S., IŞIK S.  
REVISTA BRASILEIRA DE ZOOTECNIA-BRAZILIAN JOURNAL OF ANIMAL SCIENCE, vol.47, 2018 (SCI-Expanded)
- XI. **Comparing the performances of prediction models: A study on growth of lambs Tahmin modellerinin performanslarının değerlendirilmesi: Kuzularda büyüme üzerine bir çalışma**  
Gullu Ö., Gurcan I. S.  
Ankara Üniversitesi Veteriner Fakültesi Dergisi, vol.64, no.2, pp.131-136, 2017 (SCI-Expanded)
- XII. **Factors that affect whether Arabian horses have earnings during their first year of racing**  
ÖZEN D., GÜRCAN İ. S.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.41, no.4, pp.460-463, 2017 (SCI-Expanded)
- XIII. **An Examination of the Relationships Between Live Weight and Body Measurements in Karacabey Merino Sheep Through the Path Analysis Approach**  
Ambarcioglu P., Kaya U., ÖZEN D., GÜRCAN İ. S.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.23, no.6, pp.857-863, 2017 (SCI-Expanded)
- XIV. **Estimation of stray dog and cat populations in metropolitan Ankara, Turkey**  
ÖZEN D., Bohning D., GÜRCAN İ. S.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.40, no.1, pp.7-12, 2016 (SCI-Expanded)
- XV. **The Effects of Different Zinc Sources and Microbial Phytase Supplementation on the Tibial Bone Properties, Strength and Zn Mineralization Broilers Fed with Diet Low Phosphorus**  
MİDİLLİ M., SALMAN M., MUĞLALI Ö. H., ÇENESİZ S., Ormanci N., Pakdil M., GÜRCAN İ. S.  
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.21, no.4, pp.607-614, 2015 (SCI-Expanded)
- XVI. **CAN LINOLEIC ACID IMPROVE THE QUALITY OF FROZEN THAWED BULL SPERM?**  
Buyukleblebici S., TAŞDEMİR U., Tuncer P. B., DURMAZ E., Ozgurtas T., Buyukleblebici O., Coskun E., GÜRCAN İ. S.  
CRYOLETTERS, vol.35, no.6, pp.473-481, 2014 (SCI-Expanded)
- XVII. **Cytotoxic effects of etephon and maleic hydrazide in Vero, Hep2, HepG2 cells**  
YURDAKÖK DİKMEN B., BAYDAN E., OKUR H., GÜRCAN İ. S.  
DRUG AND CHEMICAL TOXICOLOGY, vol.37, no.4, pp.459-465, 2014 (SCI-Expanded)
- XVIII. **Investigation of effect of year and season factors on calving difficulty, using poisson regression model in Simmental x South Anatolian red crossbred cattle**  
GÜRCAN İ. S., ÖZEN D., Yamac A., Gullu O.  
ANKARA UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.61, no.1, pp.55-58, 2014 (SCI-Expanded)
- XIX. **The relationship between seropositivity and tissue cysts in sheep naturally infected with Toxoplasma gondii**  
YILDIZ K., KUL O., GÖKPINAR S., Atmaca H. T., GENÇAY Y. E., GAZYAĞCI A. N., Babur C., GÜRCAN İ. S.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.38, no.2, pp.169-175, 2014 (SCI-Expanded)
- XX. **Effects of different doses of trehalose supplementation in egg yolk extender in frozen-thawed**

### **Angora buck semen**

Tuncer P. B., Tasdemir U., Buyukleblebici S., Ozgurtas T., Coskun E., Erol H., Aydin F. N., GÜRCAN İ. S.  
SMALL RUMINANT RESEARCH, vol.113, no.2-3, pp.383-389, 2013 (SCI-Expanded)

- XXI. **Detection of chronic endometritis types in cows by using echostructure variables in ROC curve analysis İneklerde eko-yapı deęişkenler kullanılarak kronik endometritis tiplerinin ROC eğrisi yöntemi ile belirlenmesi**

GÜRCAN İ. S., Babak A.

Ankara Üniversitesi Veteriner Fakültesi Dergisi, vol.60, no.1, pp.59-65, 2012 (SCI-Expanded)

- XXII. **Quantification of risk factors of coccidiosis in broilers by using logistic regression analysis**

AKÇAY A., Ertugrul O., GÜRCAN İ. S., Karaer Z.

ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.58, no.3, pp.195-202, 2011 (SCI-Expanded)

- XXIII. **Seroprevalence of Neospora caninum in dairy cattle ranches with high abortion rate: Special emphasis to serologic co-existence with Toxoplasma gondii, Brucella abortus and Listeria monocytogenes**

Yildiz K., Kul O., Babur C., Kilic S., Gazzyagci A. N., Celebi B., GÜRCAN İ. S.

Veterinary Parasitology, vol.164, no.2-4, pp.306-310, 2009 (SCI-Expanded)

- XXIV. **Analysis of genetic variation among accessions of critically endangered Rhaponticoides iconiensis and Rhaponticoides mykalea based on RAPD and SDS-PAGE markers**

AÇIK L., ÖZTÜRK KÜP F., Vural M., Tugay O., GÜRCAN İ. S.

African Journal of Biotechnology, vol.8, no.10, pp.2076-2082, 2009 (SCI-Expanded)

- XXV. **Survival analysis on calving interval and gestation length in Simmental x South Anatolian Red F1XB1 crossbred cows**

GÜRCAN İ. S., Akcay A.

ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.54, no.3, pp.219-222, 2007 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **Examination of decision trees applications in the veterinary medicine**

KORKMAZ AĞAOĞLU Ö., GÜRCAN İ. S.

Veteriner Hekimler Derneęi Dergisi, vol.2, no.94, pp.177-187, 2023 (Peer-Reviewed Journal)

- II. **Evaluation of relationships between dogs and owners: the Turkish translation, reliability and validity study of cat/dog owner relationship scale (C/DORS)**

KAYA U., ÖZEN D., YAZLIK M. O., Kösem S., GÜRCAN İ. S.

Eurasian Journal of Veterinary Sciences, vol.38, no.3, pp.190-198, 2022 (Peer-Reviewed Journal)

- III. **Çoban köpeklerinde dışkı bakısına göre helmint enfeksiyonlarının zoonoz önemi**

ÖGE H., ÖZBAKIŞ G., ÖGE S., GÜRCAN İ. S.

TÜRKİYE PARAZİTOLOJİ DERGİSİ / TÜRKİYE PARAZİTOLOJİ DERNEĞİ = ACTA PARASİTOLOGICA TURCICA / TURKISH SOCIETY FOR PARASİTOLOGY, vol.41, pp.22-27, 2017 (Scopus)

- IV. **Determination of the best vaccination age of calves in the presence of maternal antibodies to foot and mouth disease under natural conditions**

Alkan M., Çokçalışkan C., Bulut A. N., Arslan A., Uzunlu E., GÜRCAN İ. S.

Vaccine Reports, vol.6, pp.44-49, 2016 (Scopus)

- V. **Ankara ilinde yer alan sahipli kedi ve köpek popülasyonunun belirlenmesi**

ÖZEN D., GÜRCAN İ. S., KAYA U.

Veteriner Hekimler Derneęi Dergisi, vol.85, no.1, pp.9-16, 2015 (Peer-Reviewed Journal)

- VI. **Farklı ırklardan tekelerde başlıca spermatolojik parametreler**

İNANÇ M. E., UYSAL O., GÜRCAN İ. S.

MAKÜ Sag. Bil. Enst. Derg., no.2, pp.13-19, 2014 (Peer-Reviewed Journal)

- VII. **Epidemiyolojik araştırma yöntemleri ve hastalık nedenlerine ilişkin istatistiksel oranlar**

AKÇAY A., GÜRCAN İ. S.

Veteriner Hekimler Derneđi Dergisi, vol.78, no.2, pp.26-34, 2007 (Peer-Reviewed Journal)

VIII. **Deđişik Irktan K peklerde Sun i Tohumlama alıřmaları**

UYSAL O., AKAY E., KAYA M., YURDAYDIN N., TEKİN N., G RCAN İ. S., Akkuř S.

Lalahan Hay. Arř. Ens. Der, no.36, pp.95-102, 1996 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

I. **Protective Effect of Pomegranate Peel Powder Against Fatty Liver Syndrome in Laying Hens**

Kılın A. A., Dođu M., KILIN B., KURTDEDE E.,  Z NER  ., G RCAN İ. S., Erkut A., VURAL S., Ertekin B., Bayraktar B.  
INTERNATIONAL POULTRY CONGRESS 2024, Turkey, 8 - 11 May 2024

II. **Haflinger aygırlarda sperma kalitesinin deđerlendirilmesi**

BUL A., EBİ řEN ., UYSAL O., AKAY E., BUL D., G RCAN İ. S., DEMİREL M. E., TORUN İ. E., TAYSI M. E., řAYLAN A.,  
et al.

6.Ulusal Reprodüksiyon ve Suni Tohumlama Bilim Kongresi, Turkey, 18 - 21 May 2011

## **Supported Projects**

 nal N.,  zen D., G rcan İ. S., Project Supported by Higher Education Institutions, T rkiye'deki İngiliz atlarının yarıř hayatına etki eden fakt rlerin belirlenmesi, 2019 - 2020

## **Activities in Scientific Journals**

KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, Editor, 2017 - Continues

ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, Editor, 2009 - Continues

## **Metrics**

Publication: 64

Citation (WoS): 120

Citation (Scopus): 197

H-Index (WoS): 6

H-Index (Scopus): 8