

BURAK KARACAÖREN

PROF.

Email : burakkaracaoren@akdeniz.edu.tr

Office Phone : [+90 242 227 4400](tel:+902422274400) Extension: 2507

Fax Phone : [+90 242 227 4564](tel:+902422274564)

Address : Akdeniz Üniversitesi Ziraat Fakültesi (5. Blok) Zootekni Bölümü Biyometri ve Genetik Kürsüsü 07059 Antalya
TÜRKİYE

International Researcher IDs

Publons / Web Of Science ResearcherID: C-6860-2016

Yoksis Researcher ID: 19918

Learning Knowledge

Post Doctorate 2010 - 2011	Laval Üniversite, Laurentian Ormancılık Merkezi, Ormancılık, Canada
Post Doctorate 2008 - 2010	Edinburgh Üniversitesi, Roslin , Genetik Ve Genomik, United Kingdom
Doctorate 2003 - 2006	Eidgenössische Technische Hochschule, ETHZ (The Federal Institute of Technology, Zürich), Animal Sciences, Statistical Genetics Group, Switzerland
Postgraduate 1999 - 2001	Akdeniz University, Institute of Science, Turkey
Undergraduate 1995 - 1999	Akdeniz University, Faculty of Agriculture, Zootekni, Turkey

Foreign Languages

English, B2 Upper Intermediate

German, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Constrained Biplots, 15. Ulusal Biyoistatistik Kongresi, 2013

IT, Network Visualisation and Analysis of Biological Systems, e Science Institute, 2009

Other, Microarray Data Analyses and Meta Analyses, e-Science Institute, 2008

Health&Medicine, Genome Wide Association Analyses, Erasmus Summer Programme, 2008

IT, Introduction to Fortran95, University of Edinburgh, 2008

Other, Theory and Practice of International Genetic Evaluation, INTERBULL, 2005

Other, Linear Mixed Models, INTERNATIONAL BIOMETRIC SOCIETY, 2005

Other, Bayesian Analysis with Application in Quantitative Genetics, DUZENLEYEN: Agricultural University of Norway, 2002

Dissertations

Doctorate, Phenotypic and Genetic Analysis of Functional Traits in Dairy Cattle under Experimental Management System, Eidgenössische Technische Hochschule, ETHZ (The Federal Institute of Technology, Zürich), Animal Sciences, Statistical Animal Genetics Group, 2006

Postgraduate, Tek Karakter için Seleksiyon İndeksinin Değişik İstatistiksel Yöntemlerle Analizi , Akdeniz University, Zootečni, Biyometri Ve Genetik, 2001

Academic Titles / Tasks

Professor 2023 - Continues	Akdeniz University, Faculty of Agriculture, Department of Zootechnics
Associate Professor 2017 - 2023	Akdeniz University, Faculty of Agriculture, Department of Zootechnics
Associate Professor 2016 - 2017	Akdeniz University, Faculty of Agriculture, Zootečni
Assistant Professor 2011 - 2017	Akdeniz University, Faculty of Agriculture, Zootečni
Other 2010 - 2011	Laval Üniversite, Laurentian, Ormancılık
Research Assistant 2003 - 2006	Eidgenössische Technische Hochschule, ETHZ (The Federal Institute of Technology, Zürich), Animal Sciences, Statistical Animal Genetics
Research Assistant 1999 - 2003	Akdeniz University, Faculty of Agriculture, Zootečni

Supported Projects

1. Karacaören B., Karşı T., MEYDAN H., TUBİTAK Project, Kıl, Honamlı ve Kabakulak Keçilerinde Canlı Ağırlık Ve Süt Verimiyle İlişkili Aday Genlerin Genom Boyu İlişki Analizi (Gwas) İle Belirlenmesi, 2022 - 2025
2. Karacaören B., TUBİTAK Project, KIL KEÇİLERİNDE CANLI AĞIRLIK İÇİN SEGREGASYON VE RASSAL REGRESYON ANALİZİ, 2022 - 2023
3. KARACAÖREN B., Project Supported by Higher Education Institutions, BİR KÖPEK İRKİNDA DUDAK DAMAK YARIĞININ FARKLI GENOMİK TAHMİN YÖNTEMLERİ İLE İNCELENMESİ, 2019 - 2022
4. KARACAÖREN B., Project Supported by Higher Education Institutions, SIĞIRLARDA VÜCUT AĞIRLIĞININ GENOMİK TAHMİN YÖNTEMLERİ İLE İNCELENMESİ, 2019 - 2022
5. KARACAÖREN B., TUBİTAK Project, Genomik Tahmin Yöntemlerinin Manda (Bubalus Bubalis) Süt Verim Fenotipi İçin İncelenmesi, 2018 - 2019
6. KARACAÖREN B., MOSLEM I., Project Supported by Higher Education Institutions, Farelerde canlı ağırlık ve yem tüketiminden sorumlu major gen varlığının segregasyon analizi ile incelemesi, 2018 - 2019
7. KARACAÖREN B., Project Supported by Higher Education Institutions, Multiple Hypothesis Testing in a Genome Wide Association Study of Bovine Tuberculosis, 2017 - 2018

8. KARACAÖREN B., Project Supported by Higher Education Institutions, Investigations on Genetic Architecture of Hairy Loci in Dairy Cattle by Using Single and Whole Genome Regression Approaches, 2017 - 2018
9. KARACAÖREN B., Project Supported by Higher Education Institutions, FARELERDE DÖL VERİMLİLİĞİ ile TESTİS GEN İFADELERİNİ ETKİLEYEN VARYANTLARIN VE PLEIOTROPİK GENLERİN HARİTALANMASI, 2015 - 2018
10. KARACAÖREN B., Project Supported by Higher Education Institutions, Analysis of the genetics of boar taint reveals both single SNPs and regional effects, 2015 - 2018
11. KARACAÖREN B., Project Supported by Higher Education Institutions, Empirical Comparison of Association and Admixture Mapping for Body Weight using F2 Mice Data Set, 2015 - 2017
12. KARACAÖREN B., Project Supported by Higher Education Institutions, İlişki Ve Karışım Haritalamacılığının F2 Fare Seti Kullanılarak Vücut Ağırlığı İçin Uygulamalı Karşılaştırılmaları, 2014 - 2016
13. KARACAÖREN B., Other International Funding Programs, Beyaz Çam'da çiçeklenme zamanını belirleyen genetik, genomik ve çevresel faktörler, 2010 - 2011
14. KARACAÖREN B., EU Supported Other Project, Domuzlarda et kalitesinin genetiği ve genomu, 2008 - 2010
15. KARACAÖREN B., Other International Funding Programs, Phenotypic and Genetic Analysis of Functional Traits in Dairy Cattle under Experimental Management System. Dr. Sc. tezi. Swiss Federal Institute of Technology, 2003 - 2006

Awards

1. KARACAÖREN B., Bilişim-otomasyon-yazılım teknolojileri kategorisinde ikincilik, Antalya OSB, March 2018
2. KARACAÖREN B., - Genetic analyses workshop 19 travel award as an investigator from a developing country, Texas Biomedical Research Institute, August 2014
3. KARACAÖREN B., Visiting Fellowships in Canadian Government Laboratories, NSERC CANADA, August 2010

Scholarships

Kültürel İşbirliği Bursu, NATO, 2002 - Continues

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Akdeniz Üniversitesi, January, 2022

Post Graduate, Tez Savunma Jürisi, Akdeniz Üniversitesi, June, 2021

Post Graduate, Tez Savunma Jürisi, Akdeniz Üniversitesi, June, 2021

Post Graduate, Tez Savunma Jürisi, Akdeniz Üniversitesi, June, 2021

Post Graduate, YÜKSEK LİSANS TEZ JÜRİ, Akdeniz Üniversitesi, July, 2020

Doctoral Examination, Doktora Yeterlik Sınavı, Akdeniz Üniversitesi, February, 2020

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Akdeniz Üniversitesi, June, 2018

Doctorate, Doktora Tez Sınavı, Akdeniz Üniversitesi, October, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

1. **The trend of breeding value research in animal science: bibliometric analysis**
YARDİBİ F., Chen C., Flrat M. Z., KARACAÖREN B., Süzen E.
Archives Animal Breeding, vol.66, no.2, pp.163-181, 2023 (SCI-Expanded)
2. **An evaluation of machine learning for genomic prediction of hairy syndrome in dairy cattle**
Karacaören B.
Animal Science Papers And Reports, vol.40, pp.1-4, 2022 (SCI-Expanded)

3. **Bayesian genomic prediction of junctional epidermolysis bullosa in sheep**
Karacaören B.
Turkish Journal Of Veterinary & Animal Sciences, vol.1, no.1, pp.1-3, 2022 (SCI-Expanded)
4. **Genomic prediction and association analyses of energy corrected milk yield in dairy cows**
Karacaören B.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.68, pp.383-388, 2021 (SCI-Expanded)
5. **Functional and whole regression-based genome-wide association analyses for weight measurements of chicken eggs**
KARACAÖREN B.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.44, no.1, pp.9-16, 2020 (SCI-Expanded)
6. **Across-breed genomic prediction for body weight in Siberian cattle populations**
KARACAÖREN B.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.44, no.3, pp.675-680, 2020 (SCI-Expanded)
7. **Investigation on presence of major gene for body weight, feed intake and feed efficiency using a segregation analyses in a mice population**
KARACAÖREN B., Moslem I.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.66, no.4, pp.325-330, 2019 (SCI-Expanded)
8. **A genomic investigation on hybrid sterility in house mouse using a two stage model**
KARACAÖREN B.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.65, no.4, pp.387-393, 2018 (SCI-Expanded)
9. **Multiple Hypothesis Testing in a Genome Wide Association Study of Bovine Tuberculosis**
KARACAÖREN B.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.23, no.1, pp.87-94, 2017 (SCI-Expanded)
10. **Investigations on Genetic Architecture of Hairy Loci in Dairy Cattle by Using Single and Whole Genome Regression Approaches**
Karacaoren B.
ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES, vol.29, no.7, pp.938-943, 2016 (SCI-Expanded)
11. **Analysis of the genetics of boar taint reveals both single SNPs and regional effects**
Rowe S. J., Karacaoeren B., de Koning D., Lukic B., Hastings-Clark N., Velander I., Haley C. S., Archibald A. L.
BMC GENOMICS, vol.15, 2014 (SCI-Expanded)
12. **Admixture mapping of growth related traits in F-2 mice dataset using ancestry informative markers**
Karacaoren B.
JOURNAL OF BIOINFORMATICS AND COMPUTATIONAL BIOLOGY, vol.12, no.2, 2014 (SCI-Expanded)
13. **Empirical comparison of association and admixture mapping for body weight using F-2 mice data set**
Karacaoren B.
ARCHIV FUR TIERZUCHT-ARCHIVES OF ANIMAL BREEDING, vol.57, 2014 (SCI-Expanded)
14. **Investigations on pleiotropy and genome wide association analyses by random effects using QTL-MAS 2010 dataset**
Karacaoren B.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.60, no.3, pp.209-212, 2013 (SCI-Expanded)
15. **Some Observations for Discordant Sib Pair Design Using QTL-MAS 2010 Dataset**
Karacaoren B.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.18, no.5, pp.857-860, 2012 (SCI-Expanded)
16. **Predicting Breeding Values in Animals by Kalman Filter: Application to Body Condition Scores in Dairy Cattle**
KARACAÖREN B., Janss L. L. G., Kadarmideen H. N.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.18, no.4, pp.627-632, 2012 (SCI-Expanded)
17. **Comparison of statistical methods used in the calculation of genetic responses**
Karacaoren B., FIRAT M. Z.
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.59, no.2, pp.115-120, 2012 (SCI-Expanded)
18. **Principal Component and Clustering Analyses of Functional Traits in Dairy Cattle**

KARACAÖREN B., Kadarmideen H. N.

TURKISH JOURNAL OF VETERINARY SCIENCES, vol.32, pp.32-34, 2008 (SCI-Expanded)

19. **Investigation on Major Genes for Milk Yield, Milking Speed, Dry Matter Intake, and Body Weight in Dairy Cattle**

KARACAÖREN B., JANSS L. L., KADARMIDEEN H. N.

JOURNAL OF APPLIED GENETICS, vol.47, pp.337-343, 2006 (SCI-Expanded)

20. **Genetic Parameters of Functional Traits in Dairy Cattle from Daily Random Regression Models**

KARACAÖREN B., Jaffrézic F., Kadarmideen H. N.

JOURNAL OF DAIRY SCIENCE, vol.89, pp.791-798, 2006 (SCI-Expanded)

Articles Published in Other Journals

1. **Bayesian genome wide analyses of cleft lip and palate in dogs**

Karacaören B.

Acta Medica, vol.52, pp.308-309, 2021 (Peer-Reviewed Journal)

2. **Using Machine Learning to predict blue eye colour in dogs**

Karacaören B.

Acta Medica, vol.52, pp.323-325, 2021 (Peer-Reviewed Journal)

3. **Variation in cooking quality traits in Phaseolus bean germplasm from Western Anatolia**

Yeken M. Z., ÇANCI H., KANTAR F., KARACAÖREN B., Özer G., Çiftçi V.

BANATS JOURNAL OF BIOTECHNOLOGY, vol.20, pp.1-10, 2019 (ESCI)

4. **Variation in cooking quality traits in Phaseolus bean germplasm from Western Anatolia**

Yeken M. Z., ÇANCI H., KANTAR F., KARACAÖREN B., Ozer G., Ciftci V.

BANATS JOURNAL OF BIOTECHNOLOGY, vol.10, no.20, pp.37-45, 2019 (ESCI)

5. **Genome-Wide Association Mapping Using a Bayesian Mixture Model for Plant Height in Oryza sativa**

KARACAÖREN B.

EKIN, Journal of Crop Breeding and Genetics, vol.2, no.2, pp.41-46, 2016 (Peer-Reviewed Journal)

6. **A Bayesian Random Walk Approach for Mapping Dynamic Quantitative Trait**

KARACAÖREN B.

Journal of Applied Nonlinear Dynamics, vol.5, no.1, pp.105-115, 2016 (Scopus)

7. **Dynamic Association Mapping based on a Kalman Filter Model using GAW 18 Data Set**

KARACAÖREN B.

Sciforschen Genetics and Gene Therapy, vol.1, pp.1-4, 2015 (Peer-Reviewed Journal)

8. **Investigations on Pleiotropy for Growth Related Traits based on Bayesian Residuals by Principal Component Analyses using F2 Mice Dataset**

KARACAÖREN B.

Journal of Selcuk University Natural & Applied Science, vol.01, pp.1-5, 2014 (Peer-Reviewed Journal)

9. **Association analyses of the MAS-QTL data set using grammar, principal components and Bayesian network methodologies.**

Karacaören B., Silander T., Alvarez-Castro J. M., Haley C. S., de Koning D. J.

BMC proceedings, 2011 (Scopus)

Books & Book Chapters

1. **Investigations on Functional Traits in Dairy Cattle: Phenotypic and Genetic Analysis of Functional Traits in Dairy cattle under Experimental Management**

KARACAÖREN B., Kadarmideen H. N., JANSS L. L., Jaffrezic F.

Vdm Verlag, Saarbruken, 2009

Refereed Congress / Symposium Publications in Proceedings

1. **RandomRegression Analysis for Body Weight in Hair Goats**
İnan Y., Karacaören B.
V. International Applied Statistics Congress, İstanbul, Turkey, 21 - 24 May 2024, pp.704
2. **Prediction of Milk Yield in Water Buffaloes by Genomic Models**
İnan Y., Karacaören B.
V. International Applied Statistics Congress, İstanbul, Turkey, 21 - 24 May 2024, pp.702
3. **ON THE INVESTIGATION OF QUANTITATIVE GENETIC PARAMETERS OF CARCASS FATNESS IN CATTLE**
Karacaören B., Güngör M.
3RD INTERNATIONAL SCIENTIFIC CONFERENCE Livestock Production: Recent Trends and Future Prospects, Kaunas, Lithuania, 12 October 2023, pp.3
4. **COMPARISON OF THE NUTRITIONAL PROFILES OF EGGS PRODUCED BY LAYING HENS REARED UNDER INTENSIVE AND EXTENSIVE CONDITIONS**
Kubiliūtė L., Karacaören B., Vilienė V.
3RD INTERNATIONAL SCIENTIFIC CONFERENCE Livestock Production: Recent Trends and Future Prospects, Kaunas, Lithuania, 12 October 2023, pp.1-2
5. **THE EFFECT OF DIFFERENT GENETICAL ARCHITECTURES FOR GENOMIC PREDICTION OF CARCASS FATNESS BY MACHINE LEARNING IN CATTLE**
Karacaören B.
3RD INTERNATIONAL SCIENTIFIC CONFERENCE Livestock Production: Recent Trends and Future Prospects, Kaunas, Lithuania, 12 October 2023, pp.2-3
6. **Genomic Predicted Breeding Values using Machine Learning**
Karacaören B.
6. Bitki Islahı Proje Pazarı, Antalya, Turkey, 24 November 2022
7. **Antalya Kıl Keçilerinde Genomik Damızlık Değerlerinin Makine Öğrenme ile Tahmini**
Karacaören B.
Antalya OSB Ar-Ge ve İnovasyon Proje Pazarı , Antalya, Turkey, 26 May - 27 June 2022, pp.1-2
8. **Genomic Prediction of body weight in Hereford cattle**
Karacaören B.
II.International Livestock Studies Congress, Antalya, Turkey, 29 - 31 October 2021, pp.1
9. **Using Machine Learning to predict blue eye colour in dogs**
Karacaören B.
17. Tıbbi Biyoloji ve Genetik Kongresi, Ankara, Turkey, 28 - 31 October 2021, pp.1
10. **Bayesian genome wide analyses of cleft lip and palate in dogs**
Karacaören B.
XVII. Tıbbi Biyoloji ve Genetik Kongresi , Ankara, Turkey, 28 - 31 October 2021, pp.1
11. **Tavuklarda Yumurta Ağırlığı ile İlişkili Genlerin Farklı Çoklu Hipotez Test Yöntemleri İle Araştırılması**
Bilginer Ü., KARACAÖREN B.
1. Uluslararası Uygulamalı İstatistik Kongresi, Tokat, Turkey, 1 - 04 October 2020, pp.1-4
12. **An investigation for phenotype prediction of Lymphoblastic Leukemia Risk by various genomic models**
KARACAÖREN B.
The International Symposium on Health Informatics and Bioinformatics, Antalya, Turkey, 25 - 27 October 2018, pp.14
13. **An investigation for phenotype prediction of Lymphoblastic Leukemia Risk by various genomic models**
KARACAÖREN B.
The International Symposium on Health Informatics and Bioinformatics, Antalya, Turkey, 25 - 27 October 2018, pp.103

14. **An investigation on correlated SNPs to Genome Wide Association analyses for the water buffalo (*Bubalus bubalis*)**
KARACAÖREN B.
The International Symposium on Health Informatics and Bioinformatics, Antalya, Turkey, 25 - 27 October 2018, pp.103
15. **Comparison of segregation and genomic analyses of body weight in mice**
KARACAÖREN B.
10. Zootekni Bilim Kongresini, Antalya, Turkey, 25 - 27 October 2018, pp.1
16. **Genotypic clustering on the blue mussel for the genomic association analyses**
KARACAÖREN B.
First International Marine & Freshwater Sciences Symposium, Antalya, Turkey, 19 - 21 October 2018, pp.1
17. **Prediction of pleiotropic genes using a multilocus approach**
KARACAÖREN B.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.779-780
18. **Çocukluk çağı akut lenfoblastik lösemnin cinsiyete bağlı genetik mimarisinin genomik tahmin yöntemleri ile incelenmesi**
KARACAÖREN B., Singh S. K., Dorak M. T.
XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017, pp.242
19. **Bir köpek ırkında vücut ağırlığı ve fruktosamin seviyeleri için genom tabanlı pleiotropik inceleme**
KARACAÖREN B.
XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017, pp.182
20. **Prediction of pleiotropic genes using a multilocus approach**
KARACAÖREN B.
The European Conference of Human Genetics 2017, Kopenhag, Denmark, 27 - 30 May 2017, pp.1
21. **Süt Sığırlarında Devingen Damızlık Değerlerinin Boğa Kalman Modeli İle Tahmini**
KARACAÖREN B.
25. IEEE SINYAL ISLEME ve İLETİSİM UYGULAMALARI KURULTAYI, Antalya, Turkey, 15 - 18 May 2017, pp.1-2
22. **Genom tabanlı meta ilişki analizinin mendelci tavuk fenotipleri için bir uygulaması**
KARACAÖREN B.
4. Uluslararası Beyaz Et Kongresi, Antalya, Turkey, 26 - 30 April 2017, pp.21
23. **Prediction of genome-wide SNPs effects for testis weight in a house mouse**
KARACAÖREN B.
the European Conference of Human Genetics 2016, Barselona, Spain, 21 - 24 May 2016, pp.1
24. **Genome-wide association mapping using a Bayesian mixture model for plant height in *Oryza sativa***
KARACAÖREN B.
2. Uluslararası Bitki Islahı, Antalya, Turkey, 1 - 05 November 2015, pp.60
25. **İSKOÇ KUZULARININ UZUNSAV VÜCUT AĞIRLIĞI ÖLÇÜMLERİ İLE GENOM TABANLI İLİŞKİ HARİTALAMACILIĞI**
KARACAÖREN B.
XIV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2015, pp.273
26. **Genotipik veri seti kalitesinin sigir tuberkulozu genom ilişki analizine olan etkileri**
KARACAÖREN B.
XIV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2015, pp.328
27. **ANCESTRAL AND GEOGRAPHICAL RELATION ANALYSIS OF VILLAGE CHICKENS**
KARACAÖREN B.
Gelişmekte Olan Ülkelerde Kanatlı Üretim Potansiyeli Uluslararası Kongresi, Antalya, Turkey, 15 - 18 October 2015, pp.171-172
28. **Investigations on Longitudinal Gene Effects in Dynamic Association Mapping by a Random Walk Kalman Filter model for a Backcross Mice Dataset**
KARACAÖREN B.

2nd Symposium on Complex Biodynamics & Networks, Tsuoroka, Japan, 11 - 13 May 2015, pp.37

29. **Dynamic Association Mapping based on Random Walk-Kalman Filter Model using GAW18 data set.**
KARACAÖREN B.
the 3rd International Conference on Complex Dynamical Systems: New Mathematical Concepts and Applications in Life Sciences, Ankara, Turkey, 5 - 08 January 2015, pp.1-2
30. **). F2 fare setinden elde edilen büyüme karakterleri ile ilgili pleiotropik genlerin Bayesçi kalıntı ve damızlık değerleri kullanılarak temel bileşenler analizi ile tesbiti.**
KARACAÖREN B.
9. Uluslararası İstatistik Günleri Sempozyumu, Antalya, Turkey, 4 - 06 June 2014, pp.2-3
31. **GWAS and beyond: Unraveling Complex Genomic Variation in Boar Taint**
ROWE S., KARACAÖREN B., Haley C., de Koning D. J.
Plant and Animal Genome XX Conference, California, United States Of America, 14 - 18 January 2012, pp.1
32. **Association analyses of the MAS-QTL data set using grammar, principal components and Bayesian network methodologies**
KARACAÖREN B., Silander T., Álvarez-Castro J., Haley C., de Koning D. J.
QTL-MAS, Poland, 1 - 04 April 2011, pp.1-5
33. **Alternative Association Analyses On Boar Taint Using Discordant Sib Pairs Experimental Design**
KARACAÖREN B., Haley C., de Koning D. J.
WCGALP, Leibnitz, Germany, 03 February 2010, pp.1
34. **Multivariate genetic and genomics analyses of boar taint in pigs**
KARACAÖREN B., Haley C., de Koning D. J.
gene-sys, Warrick, United Kingdom, 21 October 2009, pp.1
35. **Genome Wide association analyses for loci controlling boar taint**
KARACAÖREN B., Haley C., de Koning D. J.
EAAP, Barselona, Spain, 28 January 2009, pp.1
36. **Investigation of major genes on functional traits from dairy cattle experiment**
KARACAÖREN B., KADARMIDEEN H. N., JANS S. L. L.
EAAP, Ankara, Turkey, 10 August 2006, pp.1
37. **The effect of different statistical analysis methods on the genetic responses obtained from selection indexes**
Karacaören B., FIRAT M. Z.
Swiss Statistics Meeting, Zürich, Switzerland, 9 - 11 November 2005, pp.15-16
38. **Longitudinal genetic analyzes of functional traits in dairy cows using daily random regression methodology.**
KARACAÖREN B., Jaffrézic F., Kadarmideen H. N.
EAAP, Upsala, Sweden, 08 June 2005, pp.1
39. **Genetic and phenotypic effects on functional traits in dairy cattle managed under experimental conditions**
KARACAÖREN B., KADARMIDEEN H. N.
Swiss Association for Animal Production, Zürich, Switzerland, 17 July 2004, pp.1
40. **The Effect of Different Statistical Analysis Methods to the Genetic Responses obtained from Selection Indexes**
KARACAÖREN B., FIRAT M. Z.
Swiss Statistics, Zürich, Sweden, 07 July 2004, pp.1
41. **ANOVA, ML ve REML metotlarını kullanarak seleksiyon indekslerini oluşturan Fortran programı**
Karacaören B., FIRAT M. Z.
Tarımsal Bilişim Teknolojileri 4 Sempozyumu, Kahramanmaraş, Turkey, 20 - 22 September 2001, pp.169-174

Academic and Administrative Experience

2023 - Continues	ACADEMICAL SUPERVISION OF DANCE GROUPS Erasmus Program	Akdeniz University, Faculty Of Agriculture, Department of Zootechnics
2011 - Continues	Institutional Coordinator	Akdeniz University
2012 - 2017	Deputy Head of Department	Akdeniz University

Courses

Statistics for Engineering, Undergraduate, 2023 - 2024
 Genomik'de İstatistiksel Yöntemler, Doctorate, 2022 - 2023
 Genomik'de Bilgisayar Uygulamaları, Doctorate, 2022 - 2023
 Bayesian Yöntemleri, Doctorate, 2022 - 2023
 Araştırma ve Deneme Yöntemleri, Undergraduate, 2022 - 2023
 Doğrusal Olmayan Modeller, Doctorate, 2021 - 2022
 Doğrusal Modellerin İstatistiksel Analizi, Doctorate, 2022 - 2023
 DOĞRUSAL OLMAYAN MODELLER, Doctorate, 2021 - 2022
 Araştırma ve Deneme Yöntemleri, Undergraduate, 2021 - 2022
 UYGULAMALI ZAMAN SERİSİ ANALİZİ, Doctorate, 2021 - 2022
 Bayesian Yöntemleri, Doctorate, 2022 - 2023
 Uygulamalı Zaman Serisi Analizi, Doctorate, 2021 - 2022
 İstatistik, Undergraduate, 2022 - 2023
 İstatistik, Undergraduate, 2021 - 2022
 Araştırma ve Deneme Yöntemleri, Undergraduate, 2019 - 2020
 Varyasyon Kaynakları, Undergraduate, 2020 - 2021
 Kantitatif Genetik ve Genomik, Doctorate, 2019 - 2020, 2018 - 2019
 GENOMİK DE İSTATİSTİKSEL YÖNTEMLER, Doctorate, 2019 - 2020, 2018 - 2019
 Araştırma ve Deneme Yöntemleri, Undergraduate, 2019 - 2020
 Teorik Dağılımlar, Doctorate, 2020 - 2021
 ZOOTEKNİDE BİLGİ TEKNOLOJİLERİ KULLANIMI, Undergraduate, 2019 - 2020
 Zootečni'de Bilgi Teknolojileri Kullanımı, Undergraduate, 2020 - 2021
 Varyasyon Kaynakları, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015
 Genomik'de Bilgisayar Uygulamaları, Doctorate, 2019 - 2020, 2018 - 2019
 İstatistik, Undergraduate, 2019 - 2020
 Zootečni'de Bilgi Teknolojileri Kullanımı, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015
 İstatistik, Undergraduate, 2018 - 2019, 2017 - 2018
 Örneklem Yöntemleri, Postgraduate, 2018 - 2019
 ARAŞTIRMA VE DENEME YÖNTEMLERİ, Undergraduate, 2018 - 2019, 2017 - 2018, 2015 - 2016
 Usage of information technologies in animal science, Undergraduate, 2017 - 2018, 2015 - 2016
 İstatistiksel Yorumlama, Postgraduate, 2017 - 2018, 2016 - 2017
 Kantitatif Genetik ve Genomikte Bilgisayar Uygulamaları, Doctorate, 2017 - 2018
 İstatistik, Undergraduate, 2017 - 2018
 İstatistiksel Yöntemler, Postgraduate, 2017 - 2018
 Research Methods, Undergraduate, 2016 - 2017
 Research Methods and Ethics, Postgraduate, 2016 - 2017
 Doğrusal Olmayan Modeller, Doctorate, 2015 - 2016
 Sosyoloji'de Bilgisayar Destekli Nicel Veri Analizi, Undergraduate, 2016 - 2017

İstatistik, Undergraduate, 2016 - 2017
İstatistik, Undergraduate, 2016 - 2017
BİLGİSAYAR UYGULAMALARI, Postgraduate, 2016 - 2017, 2012 - 2013
Regresyon Analizi, Doctorate, 2015 - 2016
Genomikte Bilgisayar Uygulamaları, Doctorate, 2014 - 2015
Sosyal Bilimlerde Bilgisayar Destekli Nicel Veri Analizi , Undergraduate, 2015 - 2016
Genomikte İstatistiksel Yöntemler, Doctorate, 2014 - 2015
İSTATİSTİK, Undergraduate, 2012 - 2013
Araştırma Deneme Yöntemleri, Undergraduate, 2013 - 2014
UYGULAMALI ÇOK DEĞİŞKENLİ İSTATİSTİKSEL ANALİZ, Doctorate, 2011 - 2012
UYGULAMALI ZAMAN SERİSİ ANALİZLERİ, Doctorate, 2011 - 2012

Advising Theses

KARACAÖREN B., Tavuklarda Yumurta Ağırlığı ile İlişkili Genlerin Farklı Büyüme Eğrisi Modelleri İle Araştırılması, Postgraduate, Ü.Bilginer(Student), 2021
KARACAÖREN B., TAVUKLARDA YUMURTA AĞIRLIĞINDAN SORUMLU MAJÖR GEN VARLIĞININ BAYESÇİ SEGREGASYON ANALİZİ İLE İNCELENMESİ, Postgraduate, F.Fulya(Student), 2021
KARACAÖREN B., MANDALARDA (Bubalus bubalis) SÜT VERİMİNİN FARKLI MODELLERLE GENOMİK İLİŞKİ ANALİZİ, Postgraduate, Y.İnan(Student), 2021
KARACAÖREN B., FARELERDE CANLI AĞIRLIK VE YEM TÜKETİMİNDEN SORUMLU MAJOR GEN VARLIĞININ SEGREGASYON ANALİZİ İLE İNCELENMESİ, Postgraduate, I.MOSLEM(Student), 2018

Activities in Scientific Journals

SciTz Dentistry: Research & Therapy , Committee Member, 2016 - 2020
Genetic Disorders & Gene Therapy, Editor, 2014 - 2020
Journal of Prevention and Infection Control, Committee Member, 2016 - 2019
Immunogenetics: Open Access, Editor, 2015 - 2019

Scientific Refereeing

BMC GENOMICS, SCI Journal, January 2024
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, SCI Journal, May 2023
ANIMALS, SCI Journal, February 2022
TURKISH JOURNAL OF VETERINARY AND ANIMAL SCIENCES , SCI Journal, August 2019
Brazilian Journal of Poultry Science, SCI Journal, May 2015
Genetics Research, SCI Journal, April 2015
TÜBİTAK Türk Veterinerlik ve Hayvancılık Dergisi, Journal Indexed in SSCI, August 2014
Livestock Production Science , Journal Indexed in SSCI, August 2014
JOURNAL OF ANIMAL BREEDING AND GENETICS, SCI Journal, January 2013
Frontiers in Genetic Architecture , SCI Journal, January 2011

Scientific Consultations

Biyoteknoloji şirketi, Scientific Consultancy, Akdeniz University, Faculty of Agriculture, Zootekni, Turkey, 2013 - 2014

Tasks In Event Organizations

Karacaören B, 3RD INTERNATIONAL SCIENTIFIC CONFERENCE Livestock Production: Recent Trends and Future Prospects, Scientific Congress, Lithuania, Ekim 2023

Metrics

Publication: 71

Citation (WoS): 31

Citation (Scopus): 34

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

the European Conference of Human Genetics 2016, Attendee, Barcelona, Spain, 2016

2. Uluslararası Bitki Islahı Kongresi, Attendee, Antalya, Turkey, 2015

Gelismekte Olan Ülkelerde Kanatlı Üretim Potansiyeli Uluslararası Kongresi 15-18 Ekim 2015, Attendee, ANTALYA, Turkey, 2015

XIV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Attendee, Muğla, Turkey, 2015

Complex Biodynamics & Networks, Attendee, Tsuoroka, Japan, 2015

the 3rd International Conference on Complex Dynamical Systems: New Mathematical Concepts and Applications in Life Sciences, Attendee, ANKARA, Turkey, 2014

19. Genetics Analysis Workshop, Attendee, Viena, Austria, 2014

Bioinformatics of Genome Regulation and Structure\Systems Biology, Attendee, Russia, 2014

9.Uluslararası İstatistik Günleri Sempozyumu, Attendee, Turkey, 2014

XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Attendee, Turkey, 2013

Uluslararası Katılımlı 15. Ulusal Biyoistatistik Kongresi, Attendee, Turkey, 2013

Moscow Conference on Computational Molecular Biology, Attendee, Russia, 2013

Quantitative Trait Locus-Marker Assisted Selection Workshop, Attendee, Italy, 2012

Plant and Animal Genome XX Conference, Attendee, United States Of America, 2012

British Society of Animal Science, Attendee, United Kingdom, 2011

World Congress on Genetics Applied to Livestock Production, Attendee, Germany, 2010

Quantitative Trait Locus-Marker Assisted Selection Workshop, Attendee, Turkey, 2010

International Conference on Animal Genetics, Attendee, United Kingdom, 2010

European Association of Animal Production, Attendee, Spain, 2009

European Conference on Complex Systems, Attendee, United Kingdom, 2009

Sustainable Animal Breeding, Attendee, Netherlands, 2008

European Association of Animal Production, Attendee, Turkey, 2006

Swiss Statistics, Attendee, Switzerland, 2005

European Association of Animal Production, Attendee, Sweden, 2005

Swiss Association for Animal Production, Attendee, Switzerland, 2004

Tarımsal Bilişim Teknolojileri, Attendee, Turkey, 2001

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biostatistics and Medical Informatics, Agricultural Sciences, Agriculture, Zootekni and Animal Nutrition, Biometrics, Statistics, Statistical Analysis and Applications, Natural Sciences