

## Prof. NECMETTİN CEYLAN



### Personal Information

Office Phone: [+90 312 596 1753](tel:+903125961753)

Email: [ceylan@agri.ankara.edu.tr](mailto:ceylan@agri.ankara.edu.tr)

Web: <https://avesis.ankara.edu.tr/100558>

Address: [ceylan@agri.ankara.edu.tr](mailto:ceylan@agri.ankara.edu.tr)



### International Researcher IDs

ScholarID: BYMhPRYAAAAJ

ORCID: 0000-0002-7762-6955

Publons / Web Of Science ResearcherID: Q-8073-2019

ScopusID: 6603221682

Yoksis Researcher ID: 19522

### Education Information

Post Doctorate, University of Nebraska-Lincoln, Faculty of Agriculture, Animal Science, United States Of America 1996 - 1998

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Zootekni (Dr) (Ziraat), Turkey 1989 - 1993

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Zootekni (YI) (Tezli), Turkey 1987 - 1989

Undergraduate, Ankara University, Ziraat Fakültesi, Zootekni Bölümü, Turkey 1983 - 1987

### Biography

CV

**Nationality** Turkish

**Date of birth** 01.01.1966

**Address** Dept. of Animal Science, Faculty of Agriculture, Ankara University, Ankara 06110-Turkey

**Email:** [ceylan@agri.ankara.edu.tr](mailto:ceylan@agri.ankara.edu.tr)

**Area of Expertise:** Poultry Nutrition

**Academic Carrier**

(2003--) Professor, Ankara University, Faculty of Agriculture, Ankara-Turkey

(1996-2003) Associate Professor, Ankara University, Faculty of Agriculture, Ankara-Turkey

(1996-1998) Post doc. University of Nebraska-Lincoln, Animal Science

*(1989-1993) P.hD. Ankara University, Faculty of Agriculture, Ankara-Turkey*

*(1987-1989) M.Sc. Ankara University, Faculty of Agriculture, Ankara-Turkey*

*(1983-1987) B.Sc. Ankara University, Faculty of Agriculture, Ankara-Turkey*

#### ***Professional Affiliations***

*1. Vice Dean of Faculty of Agriculture, 2017-2020*

*2. Chair of Feeds and Animal Nutrition Department, 2007-present*

*2. President of the Association of Scientific Animal Nutrition, 2007-2009*

*3. Board Member of WPSA(World Poultry Science Association) Turkish Branch.*

*4. Member of Working Group 2 (Nutrition) of WPSA since 2011*

*5. Nutrition and R&D Consultant of BEYPİÇ, one of the biggest Broiler and Layer Company in Turkey, since 2019-*

#### ***Short CV***

**Necmettin Ceylan is currently a Professor at the Department of Animal Science, Faculty of Agriculture of Ankara University, Turkey. He received both his M.Sc. and Ph.D. from Ankara University. He has conducted laying hen researches during his stay at University of Nebraska, USA between years 1996-1998 as post doc. He is member of Working Group 2 (Nutrition) of WPSA and Association of Scientific Animal Nutrition.**

**His researches in poultry nutrition actively involved in applied nutrition trials of broilers and laying hens including feed ingredients and feed additives such as amino acids, minerals and bioactive supplements, exogenous enzymes, organic acids related to growth, performance, gut health and meat and egg quality.**

**He has been also conducting R&D projects with Beypiliç , one of the biggest broiler integration company in Turkey, on broiler nutrition and feeds, and currently completed over 30 trials since 2006.**

**He has published 25 peer reviewed papers in web of science journals, over 40 published articles and 35 abstracts in national and international conferences and meetings.**

#### ***Selected Publications in Web of Science***

**CEYLAN N., KOCA S., GOLZAR ADABI S., (2023): [Does modern broilers need less energy for better growth and intestinal development?](#) J Anim Physiol Anim Nutr. 2023;1-10 ; DOI: 10.1111/jpn.13803**

**CEYLAN, N., EVRENKAYA, E., LANCKRIET, A. 2022. Efficacy of the probiotic Bacillus licheniformis DSM 28710 in laying hens fed barley-sunflower meal-based diets on performance egg quality and excreta composition. Journal of Animal and Feed Sciences, 31, 3, 2022, 241-248.  
[DOI: https://doi.org/10.22358/jafs/149388/2022](https://doi.org/10.22358/jafs/149388/2022)**

**ÇENESİZ, A.A. ÇİFTÇİ, İ., CEYLAN, N. 2022. Effects of DL- and L-methionine supplementation on growth performance, carcass quality and relative bioavailability of methionine in broilers fed maize-soybean-based diets. Journal of Animal and Feed Sciences, 31, 2. [DOI: https://doi.org/10.22358/jafs/147800/2022](https://doi.org/10.22358/jafs/147800/2022)**

**CEYLAN N., KOCA S., GOLZAR ADABI S., KAHRAMAN N., BHAYA M.N., BOZKURT M.F. (2021): Effects of dietary**

- energy level and guanidinoacetic acid supplementation on growth performance, carcass quality and intestinal architecture of broilers. Czech J. Anim. Sci. <https://doi.org/10.17221/11/2021-CJAS>
- TOPRAK N.N., YAVAŞ İ., ÇENESİZ A.A., CEYLAN N., ÇİFTÇİ İ. (2021): Effects of digestible amino acid based formulation of low protein broiler diets supplemented with valine, isoleucine and arginine on performance and protein efficiency. Czech J. Anim. Sci., 66: 168–178. <https://doi.org/10.17221/293/2020-CJAS>
- CEYLAN N, KOCA, S, YAVAŞ, İ., ÇENESİZ A.A.; KAHRAMAN N., ÖZLÜ Ş. 2020. [Response of modern broiler chickens to dietary calcium and phosphorus levels below recommendations](#). Italian Journal of Animal Science. 19:1, 1246-1254, DOI:10.1080/1828051X.2020.1819171
- ÇENESİZ, A., YAVAŞ, İ., ÇİFTÇİ İ., CEYLAN N., TAŞKESEN, O. 2020. Guanidinoacetic acid supplementation is favourable to broiler diets even containing poultry by-product meal. British Poultry Science <https://doi.org/10.1080/00071668.2020.1720909>
- YAVAŞ, İ., ÇENESİZ, A., CEYLAN N., 2020. Effects of herbal vitamin D3 and phytase Supplementation to broiler feed on performance, bone development and serum parameters of broilers . Journal of Agricultural Sciences 26 (2020) 212-219 DOI: 10.15832/ankutbd.479182
- GOLZAR ADABI, S., CEYLAN N., ÇİFTÇİ İ., CEYLAN A. 2019 Response of growing chicks to supplementation of low protein diets with leucine, valine and glycineglutamic acid. South African Journal of Animal Science 2019, 49(6):1047-1062. <http://dx.doi.org/10.4314/sajas.v49i6.9>
- YILDIZ T, CEYLAN N, ATIK Z, KARADEMİR E, ERTEKİN B. 2018 Effect of corn distillers dried grains with soluble with or without xylanase supplementation in laying hen diets on performance, egg quality and intestinal viscosity. Kafkas Univ Vet Fak Derg, 24 (2): 273-280, 2018. DOI: 10.9775/kvfd.2017.18832
- TAŞDELEN, EÖ., CEYLAN, N., 2017. Effects of Dietary Inclusion of Oil Sources With or Without Vitamin E on Body Composition and Meat Oxidation Level in Broilers. Brazilian Journal of Poultry Nutrition. ISSN 1516-635X Jan - Mar 2017. Special Issue Nutrition / 103-116
- GOLZAR ADAB, S., FANI, A., CEYLAN, N., HAJİBABAİ, A. and CASEY, N.H. 2016. Enrichment of quail (Coturnix cot. japonica) eggs by omega-3 fatty acids and its nutritional effect on young healthy women. Europ. Poult. Sci., 80. 2016, ISSN 1612-9199, DOI: 10.1399/eps.2016.149
- YENİCE, E., MIZRAK, C., CEYLAN, N., YILDIZ, T., GÜLTEKİN, M., ATIK, Z., 2015. Effects of Dietary Sodium Bentonite and Mannan Oligosaccharide Supplementation on Performance, Egg Quality, Blood and Digestion Characteristics of Laying Hens Fed Aflatoxin Contaminated Diet. Kafkas Univ Vet Fak Derg 21(2):211-218. DOI 10.9775/kvfd.2014.12035
- MIZRAK, C., YENİCE, E., KAHRAMAN, Z., TUNCA, M., YILDIRIM, U., CEYLAN, N. 2014. Effects of dietary sepiolite and mannanoligosaccharide supplementation on the performance, egg quality, blood and digestion characteristics of laying hens receiving aflatoxin in their feed. Veterinary Journal of Ankara University. Vol: 61, 65-71.
- ADABI, S.H., M. AHBAB, A. R. FANI, A. HAJBABAİ, N. CEYLAN and R. G. COOPER. 2013. Egg yolk fatty acid profile of avian species - influence on human nutrition. Journal of Animal Physiology and Animal Nutrition. 97 (2013) 27–38
- CEYLAN, N., CANGIR, S., ÇÖRDÜK, M., GRIGOROV, A., ADABI, S.G., 2012. The Effects of Phytase Supplementation and Dietary Phosphorus Level on Performance and Tibia Ash and Phosphorus Contents in Broilers Fed Maize-Soya Based Diets. Journal of Animal and Feed Sciences, 21, 2012, 696–704.
- ADABI, S.G., COOPER, R.G., CEYLAN, N., CORDUK, M. 2011. L-Carnitine and Its Functional Effects in Poultry Nutrition. World's Poultry Science Journal, Vol. 67(2):277-296

CEYLAN, N., İÇİFTÇİ, İ., MIZRAK, C., KAHRAMAN, Z., Efil, H. 2011. Influence of different dietary oil sources on performance and fatty acid profile of egg yolk in laying hens. Journal of Animal and Feed Sciences, 20, 2011, 71-83

ASGHARI HAJI, Y., ADABI, S.G., CEYLAN, N., KAMALI, M.A., AND DAVOUDI, J., 2008. Use of Terbutaline to Reduce Incidence of Ascites Syndrome in Native Tom Turkeys. Asian Journal of Animal and Veterinary Advances 3 (6) :417-423.

ÇÖRDÜK, M., CEYLAN, N., DEDE, N. and TEL, O.Y. 2008. Effects of novel feed additives on Performance Carcass Traits and *E.coli*, aerobic bacteria and yeast counts in broilers. Arch.Geflügelk., 72(2).s: 61-767

ÇÖRDÜK, M., CEYLAN, N. and F.İLDİZ 2007. Effects of Dietary Energy Density and L-Carnitine Supplementattion on Growth Performance, Carcass Traits and Blood parameters of Broilers. South African Journal of Animal Science, 37 (2) p: 65-73

ÇİFTÇİ, İ. and CEYLAN, N. 2004. Effects of Dietary Threonine and Crude Protein on Performance, Threonine Requirement, Carcass Traits and Meat Composition of Broiler Chickens. British Poultry Science , vol:45, Number:2, p:280-289.

CEYLAN, N., S.E.SCHEIDELER and L.STILBORN.2003..High Available Phosphorus Corn and Phytase in Layer Diets. Poultry.Sci., Vol:82, Number :3, p:789-795

CEYLAN, N., İÇİFTÇİ, Z.İLHAN.2003. Effects of Some Alternative Feed Additives for Antibiotic Growth Promoters on Performance and Gut Microflora of Broilers. Turk J Vet Anim Sci. Vol:27, Issue: 3, p: 727-733

#### ***Writing Book Section***

CEYLAN, N. 2001. Minerals, Vitamins and Stability in Animal Nutrition. Principles of Livestock Nutrition and Some Scientific Approaches in Concentrate Production. Figür Tanıtım Reklam ve Matbacılık. İstanbul. ISBN: 975-97831-0-X. PP: 427-476.

## **Dissertations**

Doctorate, Türkiye'xxde üretilen proteince zengin yem maddelerinin değerleri üzerinde araştırma, Ankara University, Fen Bilimleri Enstitüsü, Zootečni (Dr) (Ziraat), 1993

Postgraduate, Arpa ağırlıklı broyler rasyonlarına enzim katılmasının yem değeri üzerine etkisi üzerinde bir araştırma, Ankara University, Fen Bilimleri Enstitüsü, Zootečni (YI) (Tezli), 1989

## **Research Areas**

Agricultural Sciences

## **Academic Titles / Tasks**

Professor, Ankara University, Ziraat Fakültesi, Zootečni Bölümü, 2003 - Continues

Associate Professor, Ankara University, Ziraat Fakültesi, Zootečni Bölümü, 1996 - 2003

Research Assistant, Ankara University, Ziraat Fakültesi, Zootečni Bölümü, 1988 - 1996

## Academic and Administrative Experience

Ankara University, 2006 - Continues

Vice Dean, Ankara University, 2017 - 2020

## Courses

Poultry Nutrition-II, Doctorate, 2024 - 2025, 2022 - 2023

Fish Feeds and Techonology, Undergraduate, 2023 - 2024, 2022 - 2023

Advances in Animal Production Field, Undergraduate, 2023 - 2024, 2022 - 2023

Fish Feeds and Nutrition, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Least Cost Diet Formulation and Strategies in Animal Nutrition, Postgraduate, 2022 - 2023

Kanatlı hayvan besleme, Undergraduate, 2022 - 2023, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

Poultry Nutrition, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Fish Nutrition, Undergraduate, 2022 - 2023, 2021 - 2022, 2018 - 2019, 2016 - 2017

Poultry Breeder Nutrition, Doctorate, 2022 - 2023, 2021 - 2022, 2018 - 2019

Vitamins in Animal Nutrition, Postgraduate, 2021 - 2022, 2015 - 2016, 2013 - 2014

Poultry Nutrition-1, Postgraduate, 2021 - 2022

Kanatlı Hayvanlarda Beslemeye Bağlı Metabolik Bozukluklar, Postgraduate, 2017 - 2018

Animal Breeding and Nutrition, Undergraduate, 2015 - 2016

Kanatlı Hayvanların Beslenmesi Bilimi, Postgraduate, 2016 - 2017

Animal Breeding and Management, Undergraduate, 2016 - 2017, 2015 - 2016

Yemlerdeki Toksik Maddeler ve Hijyen, Doctorate, 2016 - 2017, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

Scientific Principles of Fish Nutrition, Postgraduate, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012

Yemlerdeki Toksik Maddeler ve Hijyen, Postgraduate, 2014 - 2015

Karma Yem Üretiminde Kalite Kontrolü ve Mevzuat, Doctorate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

## Supervised Theses

CEYLAN N., Etlik piliç yemlerinde 6-fitaz enzimi kullanım etkinliğinin değerlendirilmesi, Doctorate, İ.YAVAŞ(Student), 2019

CEYLAN N., Yumurta tavuğu rasyonlarında amino asit yoğunluğu ve proteaz ilavesinin performans, yumurta kalitesi ve azot atılımı üzerine etkileri, Doctorate, H.OZAN(Student), 2017

CEYLAN N., Mısır, soya küspesi ağırlıklı büyütme dönemi etlik piliç rasyonlarında farklı valin ve lösin düzeylerinin performans, karkas parametreleri, kemik dayanıklılığı ve bağırsak gelişimi üzerine etkileri, Doctorate, S.GOLZAR(Student), 2014

CEYLAN N., Mısır, soya ağırlıklı etlik piliç yemlerinde DL-metiyonin ve metiyonin hidroksi analogun biyolojik etkenliğinin belirlenmesi, Doctorate, R.EİSABEİGLOU(Student), 2013

CEYLAN N., Yumurta tavuğu yemlerinde gama ışınlanmış buğday ve arpa kullanılmasının performans ve yumurta kalitesi üzerine etkisinin belirlenmesi, Doctorate, T.YILDIZ(Student), 2010

CEYLAN N., Damızlık yumurta tavuğu yemlerine farklı seviye ve formda bor ilavesinin performans, kemik gelişimi, yumurta kalitesi ve bazı kan parametreleri üzerine etkisi, Doctorate, C.MIZRAK(Student), 2008

CEYLAN N., Yumurta tavuğu rasyonlarına farklı düzeylerde probiyotik ilavesinin performans ve yumurta kalitesine etkisi, Postgraduate, Y.KOÇAK(Student), 2007

CEYLAN N., Etlik piliç karma yemlerine farklı düzeylerde kolza yağı ve vitamin E katılmasının et kalitesi ve besi performansına etkisi, Postgraduate, E.ÖZTÜRK(Student), 2004

CEYLAN N., Mısır-soya ağırlıklı etlik piliç yemlerine farklı düzeylerde enzim ilavesinin performans ve bazı bağırsak parametrelerine etkileri, Postgraduate, N.GÜNAYDIN(Student), 2004

CEYLAN N., Etlik piliç yemlerine L-karnitin ilavesinin performans ve karkas özelliklerine etkileri, Postgraduate, A.FATİH(Student), 2003

CEYLAN N., ETLİK PİLİÇ YEMLERİNE L-KARNİTİN İLAVESİNİN PERFORMANS VE KARKAS ÖZELLİKLERİNE ETKİLERİ, A.FATİH(Student), 2003

CEYLAN N., Büyütme faktörü antibiyotikler yerine kullanılabilir alternatif yem katkı maddelerinin etlik piliçlerde besi performansı üzerine etkileri, Postgraduate, E.ALBUZ(Student), 2001

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Ankara University, May, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ankara Üniversitesi, March, 2023

Associate Professor Exam, Associate Professor Exam, Ankara University, May, 2021

Associate Professor Exam, Associate Professor Exam, Tekirdağ Namık Kemal University, March, 2019

Associate Professor Exam, Associate Professor Exam, Süleyman Demirel University, October, 2018

Associate Professor Exam, Associate Professor Exam, Gümüşhane University, April, 2018

Associate Professor Exam, Associate Professor Exam, Uludağ University, November, 2017

Associate Professor Exam, Associate Professor Exam, Adnan Menderes University, April, 2017

Associate Professor Exam, Associate Professor Exam, Kahramanmaraş Sütçü İmam University, April, 2016

Associate Professor Exam, Associate Professor Exam, Süleyman Demirel University, October, 2013

Associate Professor Exam, Associate Professor Exam, Mustafa Kemal Üniversitesi University, October, 2010

Associate Professor Exam, Associate Professor Exam, Harran Üniversitesi University, October, 2010

Associate Professor Exam, Associate Professor Exam, Atatürk University, October, 2010

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ankara Üniversitesi, January, 2010

Associate Professor Exam, Associate Professor Exam, Gaziosmanpaşa Üniversitesi University, December, 2009

Associate Professor Exam, Associate Professor Exam, Dicle University, October, 2008

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

- I. **Effect of two different dietary endo-1,4- $\beta$ -xylanases on growth performance, intestinal histomorphology, caecal microbial population and short-chain fatty acid composition of broiler chickens**  
Ceylan N., Koca S., Adabi S. G.  
ITALIAN JOURNAL OF ANIMAL SCIENCE, vol.23, no.1, pp.15-25, 2024 (SCI-Expanded)
- II. **Long story from past to present: calcium, phosphorus, and phytase**  
Golzar Adabi S., Raei H., Ceylan N., Karimi Torshizi M. A., Yavaş İ.  
ANNALS OF ANIMAL SCIENCE, no.4, pp.1-33, 2024 (SCI-Expanded)
- III. **Comparative effects of dietary muramidase and phytogenics on the growth performance and gastrointestinal functionality of broiler chickens**  
Ceylan N., Bortoluzzi C., Gunturkun ., Perez-Calvo E.  
POULTRY SCIENCE, vol.103, no.10, pp.1-9, 2024 (SCI-Expanded)
- IV. **Comparative effects of medium-chain fatty acids or phytobiotics-based feed additives on performance, caecum microbiota, volatile fatty acid production and intestinal morphology of broilers**

Ceylan N., Yenice E., Yavaş İ., Çenesiz A. A., Toprak N. N., Çiftci İ.  
Veterinary Medicine and Science, vol.9, no.6, pp.2719-2730, 2023 (SCI-Expanded)

- V. **EFFECTS OF LOWER DIETARY CALCIUM AND PHOSPHORUS THAN RECOMMENDED ON GROWTH PERFORMANCE AND BONE MINERALIZATION OF BROILERS**  
Ceylan N., Koca S., Yavaş İ., Çenesiz A. A.  
Journal of Animal and Plant Sciences, vol.33, no.3, 2023 (SCI-Expanded)
- VI. **An investigation of the assumed efficacy of methionine hydroxy analogue compared to DL-methionine by measuring growth performance, carcass traits, and GHR and IGF-I expression in broilers**  
YENİCE E., ÇENESİZ A. A., YAVAŞ İ., TOPRAK N. N., ÇİFTÇİ İ., CEYLAN N.  
Italian Journal of Animal Science, vol.22, no.1, pp.1083-1094, 2023 (SCI-Expanded)
- VII. **Does modern broilers need less energy for better growth and intestinal development?**  
Ceylan N., Koca S., Adabi S. G.  
JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, vol.1, no.1, pp.1-10, 2023 (SCI-Expanded)
- VIII. **Efficacy of the probiotic Bacillus licheniformis DSM 28710 in laying hens fed barley-sunflower meal-based diets on performance egg quality and excreta composition**  
Ceylan N., Evrenkaya E., Lanckriet A.  
JOURNAL OF ANIMAL AND FEED SCIENCES, vol.31, no.3, pp.241-248, 2022 (SCI-Expanded)
- IX. **Effects of DL- and L-methionine supplementation on growth performance, carcass quality and relative bioavailability of methionine in broilers fed maize-soybean-based diets**  
Cenesiz A. A., Ciftci I., Ceylan N.  
JOURNAL OF ANIMAL AND FEED SCIENCES, vol.31, no.2, pp.142-151, 2022 (SCI-Expanded)
- X. **Effects of digestible amino acid based formulation of low protein broiler diets supplemented with valine, isoleucine and arginine on performance and protein efficiency**  
TOPRAK N. N., YAVAŞ İ., ÇENESİZ A. A., CEYLAN N., ÇİFTÇİ İ.  
CZECH JOURNAL OF ANIMAL SCIENCE, vol.66, no.5, pp.168-178, 2021 (SCI-Expanded)
- XI. **Effects of dietary energy level and guanidinoacetic acid supplementation on growth performance, carcass quality and intestinal architecture of broilers**  
CEYLAN N., Koca S., Adabi S. G., Kahraman N., Bhaya M. N., BOZKURT M. F.  
CZECH JOURNAL OF ANIMAL SCIENCE, vol.66, no.7, pp.281-291, 2021 (SCI-Expanded)
- XII. **Response of modern broiler chickens to dietary calcium and phosphorus levels below recommendations**  
CEYLAN N., Koca S., YAVAŞ İ., ÇENESİZ A. A., Kahraman N., Ozlu S.  
ITALIAN JOURNAL OF ANIMAL SCIENCE, vol.19, no.1, pp.1246-1254, 2020 (SCI-Expanded)
- XIII. **Guanidinoacetic acid supplementation is favourable to broiler diets even containing poultry by-product meal**  
ÇENESİZ A. A., YAVAŞ İ., ciftci I., Ceylan N., TAŞKESEN H. O.  
British Poultry Science, vol.61, no.3, pp.311-319, 2020 (SCI-Expanded)
- XIV. **Effects of Herbal Vitamin D-3 and Phytase Supplementation to Broiler Feed on Performance, Bone Development and Serum Parameters of Broilers**  
YAVAŞ İ., ÇENESİZ A. A., CEYLAN N.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.26, no.2, pp.212-219, 2020 (SCI-Expanded)
- XV. **Response of growing chicks to supplementation of low protein diets with leucine, valine and glycine-glutamic acid**  
Adabi S. G., Ceylan N., Ciftci I., Ceylan A.  
South African Journal of Animal Sciences, vol.49, no.6, pp.1047-1062, 2019 (SCI-Expanded)
- XVI. **Effect of Corn Distillers Dried Grains With Soluble With or Without Xylanase Supplementation in Laying Hen Diets on Performance, Egg Quality and Intestinal Viscosity**  
Yildiz T., CEYLAN N., Atik Z., Karademir E., Ertekin B.  
KAFKAS UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.24, no.2, pp.273-280, 2018 (SCI-Expanded)



- XVII. **Effects of dietary inclusion of oil sources with or without vitamin e on body composition and meat oxidation level in broilers**  
Tasdelen E. O., Ceylan N.  
Revista Brasileira de Ciencia Avicola, vol.19, no.Special Issue, pp.103-116, 2017 (SCI-Expanded)
- XVIII. **Enrichment of quail (*Coturnix cot. Japonica*) eggs by omega-3 fatty acids and its nutritional effect on young healthy women Anreicherung von wachteleiern (*Coturnix cot. Japonica*) mit omega-3-fettsäuren und deren nährwert für gesunde, junge Frauen**  
Adabi S. G., Fani A., Ceylan N., Hajibabaei A., Casey N. H.  
European Poultry Science, vol.80, 2016 (SCI-Expanded)
- XIX. **Effects of Dietary Sodium Bentonite and Mannan Oligosaccharide Supplementation on Performance, Egg Quality, Blood and Digestion Characteristics of Laying Hens Fed Aflatoxin Contaminated Diet**  
Yenice E., Mizrak C., CEYLAN N., Yildiz T., GÜLTEKİN M., Atik Z.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.21, no.2, pp.211-218, 2015 (SCI-Expanded)
- XX. **Effects of dietary sepiolite and mannanoligosaccharide supplementation on the performance, egg quality, blood and digestion characteristics of laying hens receiving aflatoxin in their feed**  
Mizrak C., Yenice E., Kahraman Z., Tunca M., Yildirim U., CEYLAN N.  
ANKARA UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.61, no.1, pp.65-71, 2014 (SCI-Expanded)
- XXI. **Egg yolk fatty acid profile of avian species - influence on human nutrition**  
Adabi S. H. G., Ahbab M., Fani A. R., Hajbabaei A., Ceylan N., Cooper R. G.  
Journal of Animal Physiology and Animal Nutrition, vol.97, no.1, pp.27-38, 2013 (SCI-Expanded)
- XXII. **The effects of phytase supplementation and dietary phosphorus level on performance and on tibia ash and phosphorus contents in broilers fed maize-soya-based diets**  
Ceylan N., Cangiri S., Corduk M., Grigorov A., Adabi S. H. G.  
Journal of Animal and Feed Sciences, vol.21, no.4, pp.696-704, 2012 (SCI-Expanded)
- XXIII. **L-carnitine and its functional effects in poultry nutrition**  
Adabi S. G., Cooper R. G., Ceylan N., Corduk M.  
World's Poultry Science Journal, vol.67, no.2, pp.277-296, 2011 (SCI-Expanded)
- XXIV. **Influence of different dietary oil sources on performance and fatty acid profile of egg yolk in laying hens**  
Ceylan N., Ciftci I., Mizrak C., Kahraman Z., Efil H.  
Journal of Animal and Feed Sciences, vol.20, no.1, pp.71-83, 2011 (SCI-Expanded)
- XXV. **Effects of novel feed additives on performance, carcass traits and E. coli, aerobic bacteria and yeast counts in broilers**  
Corduk M., Ceylan N., Dede N. N., Tel O. Y.  
Archiv fur Geflugelkunde, vol.72, no.2, pp.61-67, 2008 (SCI-Expanded)
- XXVI. **Effects of dietary energy density and L-carnitine supplementation on growth performance, carcass traits and blood parameters of broiler chickens**  
Corduk M., Ceylan N., Ildiz F.  
South African Journal of Animal Sciences, vol.37, no.2, pp.65-73, 2007 (SCI-Expanded)
- XXVII. **Effects of dietary threonine and crude protein on growth performance, carcass and meat composition of broiler chickens**  
Ciftci I., Ceylan N.  
British Poultry Science, vol.45, no.2, pp.280-289, 2004 (SCI-Expanded)
- XXVIII. **The effects of some alternative feed additives for antibiotic growth promoters on the performance and gut microflora of broiler chicks Büyütme faktörü antibiyotiklere alternatif yem katkılarının etlik piliçlerde besi performansi ve bağırsak mikroflorasi üzerine etkileri**  
Ceylan N., Ciftci I., Ilhan Z.  
Turkish Journal of Veterinary and Animal Sciences, vol.27, no.3, pp.727-733, 2003 (SCI-Expanded)
- XXIX. **High available phosphorus corn and phytase in layer diets**  
Ceylan N., Scheideler S., Stilborn H.  
Poultry Science, vol.82, no.5, pp.789-795, 2003 (SCI-Expanded)



- XXX. **A biological research on the single cell protein yeast (paprin) grown on liquid paraffin medium Sivi parafin vasatında geliştirilmiş tek hücre proteini (paprin) üzerinde biyolojik bir araştırma**  
Çalışkaner Ş., Konca Y., CEYLAN N., Çördük M., Demirel R., CEYHAN K., Mamak M.  
Turkish Journal of Agriculture and Forestry, vol.23, no.1, pp.125-131, 1999 (SCI-Expanded)
- XXXI. **A biological research on the single cell protein yeast (eprin) grown on ethly alcohol medium Etil alkol vasatında üretilen tek hücre proteini (eprin) üzerinde biyolojik bir araştırma**  
Çalışkaner Ş., CEYLAN N., Konca Y., Demirel R., Çördük M., Milli Ü.  
Turkish Journal of Agriculture and Forestry, vol.22, no.3, pp.299-304, 1998 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Use Of Medium Chain Fatty Acids in Broiler Nutrition-Their Effects on Gut Health, Growth Performance and Meat Hygiene**  
Çenesiz A. A., Ceylan N.  
Yem Magazin, vol.2024, no.99, pp.30-38, 2024 (Peer-Reviewed Journal)
- II. **Effects of Amino Acid Density and Protease Addition to Laying Hen Diets on Performance, Egg Quality and Nitrogen Excretion**  
Taşkesen H. O., Ceylan N.  
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.11, no.9, pp.1706-1714, 2023 (Peer-Reviewed Journal)
- III. **Ruminant Yemleri Üretiminde Ekspander Teknolojisi Kullanımı ve Etkileri**  
TOPRAK N. N., CEYLAN N.  
Yem Magazin, no.75, pp.19-30, 2016 (Peer-Reviewed Journal)
- IV. **Farklı İz Mineral Kaynakları Üretiminde Gelişmeler ve Ruminant Beslemede Kullanımları**  
YAVAŞ İ., CEYLAN N.  
Yem Magazin, vol.3, pp.35-42, 2015 (Peer-Reviewed Journal)
- V. **The Effects of Using Gamma Irradiated Wheat and Barley in Layer Diets on Egg Product Parameters and Quality**  
YILDIZ T., CEYLAN N.  
Turkish Journal of Agriculture - Food Science and Technology, vol.3, no.9, pp.742-747, 2015 (Peer-Reviewed Journal)
- VI. **Use of terbutaline to reduce incidence of ascites syndrome in native tom turkeys**  
Asghari Y. H., Adabi S. G., Ceylan N., Kamali M. A., Davoudi J.  
Asian Journal of Animal and Veterinary Advances, vol.3, no.6, pp.417-423, 2008 (Scopus)
- VII. **Effects of enzyme growth promoter probiotic and organic acid supplementation to broiler diets on performance and gut microflora**  
CEYLAN N., İBRAHİM C., İLDİZ F., SÖĞÜT A.  
J Agri Sci, vol.9, pp.320-326, 2003 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The effect of muramidase in broiler feed on broiler performance in semi-field conditions**  
Ceylan N., Eising I., Güntürkün O. B., Bortoluzzi C.  
XVI European Poultry Conference, Valencia, Spain, 24 - 28 June 2024, pp.475
- II. **Bacillus licheniformis DSMZ 28710 to support high-producing laying hens during lay**  
Van Der Veken W., Ceylan N.  
XVI European Poultry Conference, Valencia, Spain, 24 - 28 June 2024, pp.485
- III. **Can Betaine Alleviate the Effects of Heat Stress in Broiler Chickens?**  
Ceylan N., Yenice E., Çiftçi İ., Toprak N. N., Yavaş İ., Çenesiz A. A.

6th International Poultry Meat Congress, Antalya, Turkey, 1 - 05 March 2023, vol.1, no.35, pp.102-103

- IV. **Synergetic effects of medium chain fatty acids and phytobiotics in broilers**  
Ceylan N., Yenice E., Yavaş İ., Çenesiz A. A., Toprak N. N., Çiftçi İ.  
6th International Poultry Meat Congress, Ardahan, Turkey, 1 - 05 March 2023, vol.1, no.35, pp.508-511
- V. **Efficacy of DL-Methionine Hydroxy Analogue-Free Acid in Comparison to DL-Methionine in Broiler Chickens**  
Çenesiz A. A., Yavaş İ., Toprak N. N., Yenice E., Çiftçi İ., Ceylan N.  
6th International Poultry meat Congress, Antalya, Turkey, 1 - 05 March 2023, vol.1, no.35, pp.505-507
- VI. **Hemorrhagic liver syndrome in broilers: its effect on serum parameters, antioxidant capacity, liver enzymes, and fatty acid profile of liver**  
Golzar Adabi S., Ceylan N., Yavaş İ.  
6th International Poultry Meat Congress, Antalya, Turkey, 1 - 05 March 2023, vol.1, no.35, pp.350-353
- VII. **6th International Poultry Meat Congress, Evaluations and Future Perspective of Poultry Meat Industry**  
Ceylan N.  
6th International Poultry Meat Congress, Antalya, Turkey, 1 - 05 March 2023, vol.1, no.35, pp.1
- VIII. **Utilising a strain of probiotic Bacillus licheniformis to support highproducing layers**  
Ceylan N., Van Der Veken W., Hautekiet V.  
23rd European Symposium on Poultry Nutrition , Rimini, Italy, 21 - 24 June 2023, pp.232-233
- IX. **Effects of guanidino acetic acid supplementation to broiler diets having reduced energy on performance and carcass quality**  
CEYLAN N., KOCA S., KAHRAMAN N., GÜDER S., YAVAŞ İ.  
5th INTERNATIONAL POULTRY MEAT CONGRESS, 24 - 28 April 2019
- X. **Ca and P Requirements of Broiler Chickens?**  
CEYLAN N., KOCA S., KAHRAMAN N., YAVAŞ İ., ADABI S. G., ÇENESİZ A. A., GÜDER S., CAN U.  
15th European Poultry Conference, Dubrovnik, Croatia, 17 - 21 September 2018, pp.328
- XI. **White striping prevalence and its effect on meat quality of broiler breast fillets under commercial conditions**  
GOLZAR ADABI S., DEMİROK SONCU E., CEYLAN N., KOLSARICI N.  
XVth European Poultry Conference, Dubrovnik, Croatia, 17 - 21 September 2018
- XII. **White striping prevalence and its effect on meat quality of broiler chicken breast fillets under commercial conditions**  
GOLZAR ADABI S., DEMİROK SONCU E., CEYLAN N., KOLSARICI N.  
The XVth European Poultry Conference, 17 - 21 September 2018
- XIII. **Effects of Mycotoxins on Nutrient Digestibility and Feed Passage**  
EVRENKAYA E., CEYLAN N.  
4th INTERNATIONAL POULTRY MEAT CONGRESS, Antalya, Turkey, 26 - 30 April 2017
- XIV. **Effects of Guanidino Acetic Acid Supplementation and Energy Level of Broiler Diets with Poultry By-Product Meal on Growth Performance and Meat Quality**  
ÇENESİZ A. A., CEYLAN N., ÇİFTÇİ İ., YAVAŞ İ., TAŞKESEN H. O., KIYAK A. O., MUELLER M.  
4th INTERNATIONAL POULTRY MEAT CONGRESS, Antalya, Turkey, 26 - 30 April 2017, vol.102
- XV. **Effects of Pellet Quality on Broiler Nutrition**  
TAŞKESEN H. O., CEYLAN N.  
4th INTERNATIONAL POULTRY MEAT CONGRESS, Antalya, Turkey, 26 - 30 April 2017, vol.259
- XVI. **Updates in Ca and P Requirements of Broiler Chickens**  
CEYLAN N., KOCA S.  
4th INTERNATIONAL POULTRY MEAT CONGRESS, Antalya, Turkey, 26 April - 30 December 2017, vol.202
- XVII. **Effect of leucine and valine level and glutamic acidglycinein lowproteinbroiler grower diets**  
GOLZAR ADABI S., CEYLAN N., ÇİFTÇİ İ., KIYAK A. O., HESS V.  
21st European Symposium on Poultry Nutrition (ESPN 2017, SALOU, Spain, 8 - 11 May 2017
- XVIII. **Comparison of DL- and L- methionine in corn-soybean-meal based broiler diets**  
ÇENESİZ A. A., ÇİFTÇİ İ., CEYLAN N.

21st European Symposium on Poultry Nutrition, 8 - 11 May 2017

- XIX. Comparision Of DL- And L- Methionine In Corn-Soybean-MealBased Broiler Diets'xx**  
ÇENESİZ A. A., ÇİFTÇİ İ., CEYLAN N.  
21st European Symposium on Poultry Nutrition (ESPN 2017, SALOU, Spain, 8 - 11 May 2017)
- XX. Effects of Novel Microbial 6 Phytase in Laying Hen Diets Based on Corn and Soybean Meal on Performance Egg Quality and Phosphorus Utilization**  
CEYLAN N., ÇİFTÇİ İ.  
1. Uluslararası Hayvan Besleme Kongresi, 28 Eylül – 1 Ekim 2016(1st International Animal Nutrition Congress, September 28th – October 1st 2016), Spice Hotel & Spa, Antalya/Turkey, Antalya, Turkey, 28 September - 01 October 2016, pp.30-31
- XXI. Efficacy of a Novel Microbial 6 Phytase in Broiler Diets Based on Corn and Soybean Meal**  
ÇİFTÇİ İ., CEYLAN N.  
1. Uluslararası Hayvan Besleme Kongresi, 28 Eylül – 1 Ekim 2016(1st International Animal Nutrition Congress, September 28th – October 1st 2016) Spice Hotel & Spa, Antalya/Turkey, Antalya, Turkey, 28 September - 01 October 2016, pp.242-243
- XXII. Effects of Novel 6 Microbial Phytase in Laying Hen Diets Based on Corn and Soybean Meal on Performance Egg Quality and Phosphorus Utilization**  
CEYLAN N., ÇİFTÇİ İ.  
1st International Animal Nutrition Congress, Antalya, Turkey, 28 - 01 October 2016, vol.30
- XXIII. Efficiacy of Novel Microbial 6 Phytase in Broiler Diets Based on Corn and Soybean Meal**  
ÇİFTÇİ İ., CEYLAN N.  
1st International Animal Nutrition Congress, 28 September - 01 October 2016, vol.242
- XXIV. Piliç Eti Üretiminde Gerçekler ve Yalanlar**  
CEYLAN N.  
3rd International Poultry Meat Congress, Antalya, Turkey, 22 - 26 April 2015, pp.268-273
- XXV. Effects of Beta Mannans as Antinutritional Factor in Broilers and Mannanase Enzyme to Alleviate It**  
YAVAŞ İ., GONCA S., CEYLAN N.  
3 rd International Poultry Meat Congress, Antalya, Turkey, 22 - 26 April 2015, pp.194
- XXVI. Effects of Herbal Vitamin D3 Supplementation and Calcium Phosphorus Level on Growth Performance and Bone Development of Broilers**  
CEYLAN N., YAVAŞ İ., ÇENESİZ A. A., NEJLA K., SEMRA G.  
3rd International Poultry Meat Congress, Antalya, Turkey, 22 - 26 April 2015, pp.79-85
- XXVII. Effect of Digestible Valine and Leucine Level of Broiler Grower Diet Based on Corn and Soybean Meal on Performance and Intestinal Development**  
ADABI S. G., CEYLAN N., ÇİFTÇİ İ.  
3rd International Poultry Meat Congress, Antalya, Turkey, 22 - 26 April 2015, pp.100-105
- XXVIII. Effects of Selenium and It s Source on Broiler BreederPerformance Reproduction and Posthatch Chick Quality**  
PAMUKÇU Ö., CEYLAN N.  
3rd International Poultry Meat Congress, Antalya, Turkey, 22 - 26 April 2015, pp.190
- XXIX. Effects of Herbal Vitamin D3 Supplementation and Calcium, Phosphorus Level on Growth Performance and Bone Development of Broilers**  
CEYLAN N., YAVAŞ İ., ÇENESİZ A. A., KAHRAMAN N., GÜDER S.  
3. Uluslararası Beyaz Et Kongresi, 22 - 26 April 2015
- XXX. Aflatoksin içeren yumurta tavuğu yemlerine bentonit ve mannanoligosakkarit ilavesinin performans yumurta kalite kriterleri bazı kan ve sindirim özelliklerine etkileri**  
YENİCE E., MIZRAK C., YILDIZ T., CAN M., ATİK Z., CEYLAN N.  
V. Ulusal Hayvan Besleme Kongresi (Uluslararası Katılımlı), Tekirdağ, Turkey, 30 September - 03 October 2009
- XXXI. Aflatoksin içeren yumurta tavuğu yemlerine sepiolit ve mannanoligosakkarit ilavesinin performans yumurta kalite kriterleri bazı kan ve sindirim özelliklerine etkileri**  
MIZRAK C., YENİCE E., KAHRAMAN Z., TUNCA M., YILDIRIM U., CEYLAN N.

6. Ulusal Zootekni Bilim Kongresi, Erzurum, Turkey, 24 - 26 June 2009
- XXXII. **Etlik Piliç Yemlerine L Karnitin İlavesinin Performans ve Karkas Özelliklerine Etkileri**  
ALİ FATİH Ç., CEYLAN N.  
III.Ulusal Hayvan Besleme Kongresi, Turkey, 7 - 10 September 2005, pp.391-396
- XXXIII. **Tüy unu işleme metodları ve yem değerine etkisi**  
YENİCE E., ÇİFTÇİ İ., CEYLAN N.  
III. Ulusal Zootekni Bilim Kongresi, Ankara, Turkey, 14 - 16 October 2002
- XXXIV. **Türkiye Tavukçuluğunda Gelişmeler ve Hedefler**  
RÜVEYDE A., YALÇIN Z. S., CEYLAN N., OLHAN E.  
V.Türkiye Ziraat Mühendisliği Teknik Kongresi, Ankara, Turkey, 17 - 21 January 2000, pp.795-810
- XXXV. **İnsan beslenmesinde daha sağlıklı yumurta üretimi yönünde kanatlı besleme çalışmaları**  
CEYLAN N., YENİCE E., GÖKÇEYREK D., TUNÇER E.  
YUTAV'xx 99. Uluslararası Tavukçuluk Fuarı ve Konferansı, İstanbul, Turkey, 3 - 06 June 1999
- XXXVI. **Yumurta tavuklarının beslenmesinde organik mineral şelat bileşiklerinin önemi**  
CEYLAN N., TUNÇER E., GÖKÇEYREK D., YENİCE E.  
YUTAV'xx 99 Uluslararası Tavukçuluk Fuarı ve Konferansı, İstanbul, Turkey, 3 - 06 June 1999
- XXXVII. **The Effects of the Formulation of Broiler Diets With Various Protein Sources on Total and Digestible Amino Acids on the Performance ( Influences sur Les Performances de La Preparation des Poulets de Chair en Base des Acides Amine's Totales et Digestibles).**  
ÇİFTÇİ İ., CEYLAN N., YILMAZ A., ZİNCİRLİOĞLU M., YELDAN M.  
44th Annual Meeting of the EAAP. Aarhus, Denmark, 16-19 August, 16 August 1993, vol.1, pp.380-381
- XXXVIII. **Etlik Piliç Yemlerinde Sodyum Bikarbonat Kullanım Olanakları**  
ZİNCİRLİOĞLU M., CEYLAN N., ÇİFTÇİ İ., YILMAZ A., ÇALIŞKANER Ş.  
Uluslararası Tavukçuluk Kongresi, 13 May 1993, pp.256-266
- XXXIX. **Etlik Piliç Rasyonlarını Sindirilebilir Amino Asit Esasına Göre Hazırlamanın Avantajları**  
ÇİFTÇİ İ., CEYLAN N., YILMAZ A., ZİNCİRLİOĞLU M., YELDAN M.  
Uluslararası Tavukçuluk Kongresi, 13 May 1993, pp.542-553

## Expert Reports

- I. **Rasyona Metiyonin İlavesinin Etlik Piliçlerin Bağışıklık Sistemi Gelişimi ve Performansına Etkisi**  
CEYLAN N.  
Ankara, 2015

## Supported Projects

Yenice E., Mızrak C., CEYLAN N., TUBITAK Project, Ankara Tavukçuluk Araştırma Enstitüsünde Geliştirilen Yumurtacı Hatların Islahı, Çeşitli Verim Özelliklerinin Tespiti ve Türkiye Tavukçuluğuna Entegrasyonu, 2005 - 2010

## Activities in Scientific Journals

Yem Magazin, Advisory Committee Member, 2003 - Continues

## Memberships / Tasks in Scientific Organizations

World's Poultry Science Association-Working Group 2-Nutrition, Country Representative, 2011 - Continues, Netherlands  
World Poultry Science Association, Member, 2000 - Continues, United States Of America  
Sağlıklı Tavuk Platformu, Member of Science Committee, 2009 - 2017, Turkey

Feeds and Animal Nutrition Association, Secretary General, 2006 - 2015, Turkey  
Bilimsel Tavukçuluk Derneği, Executive Board Member, 2003 - 2013, Turkey  
Feeds and Animal Nutrition Association, Chairman, 2009 - 2011, Turkey

## Scientific Refereeing

WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, February 2025  
Veterinary Medicine and Science, SCI Journal, December 2024  
Animal Production Science, SCI Journal, December 2024  
BMC VETERINARY RESEARCH, SCI Journal, November 2024  
ARCHIVES ANIMAL BREEDING, SCI Journal, October 2024  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, October 2024  
BRITISH POULTRY SCIENCE, SCI Journal, October 2024  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, October 2024  
Veterinary Medicine and Science, SCI Journal, July 2024  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, June 2024  
Veterinary Medicine and Science, SCI Journal, May 2024  
Veterinary Medicine and Science, SCI Journal, April 2024  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, April 2024  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, April 2024  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, March 2024  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, November 2023  
BRITISH POULTRY SCIENCE, SCI Journal, November 2023  
ADVANCES IN PHARMACOLOGICAL AND PHARMACEUTICAL SCIENCES, SCI Journal, September 2023  
International Journal of Veterinary Science and Medicine, SCI Journal, September 2023  
ANNALS OF ANIMAL SCIENCE, SCI Journal, August 2023  
ANIMAL BIOTECHNOLOGY, SCI Journal, August 2023  
KAFKAS UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, SCI Journal, April 2023  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, April 2023  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, March 2023  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, February 2023  
Veterinary Medicine and Science, SCI Journal, January 2023  
ANIMAL SCIENCE JOURNAL, SCI Journal, December 2022  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, April 2022  
JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, SCI Journal, November 2021  
BRITISH POULTRY SCIENCE, SCI Journal, October 2021  
ANIMAL FEED SCIENCE AND TECHNOLOGY, SCI Journal, September 2021  
REVISTA BRASILEIRA DE ZOOTECNIA, SCI Journal, June 2021  
WORLD'S POULTRY SCIENCE JOURNAL, SCI Journal, May 2021  
BRITISH POULTRY SCIENCE, SCI Journal, April 2021  
REVISTA BRASILEIRA DE ZOOTECNIA, SCI Journal, October 2020  
BRITISH POULTRY SCIENCE, SCI Journal, October 2020  
BRITISH POULTRY SCIENCE, SCI Journal, July 2020  
BRITISH POULTRY SCIENCE, SCI Journal, April 2020  
BRITISH POULTRY SCIENCE, SCI Journal, March 2020  
ANNALS OF ANIMAL SCIENCE, SCI Journal, February 2020  
BRITISH POULTRY SCIENCE, SCI Journal, December 2019  
ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES, SCI Journal, December 2015  
TUBİTAK Project, 1501 - Industry R & D Projects Support Program, ADAM YATIRIM DANIŞMANLIK BİLİŞİM İNŞAAT  
BİYOTEKNOLOJİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ, Turkey, November 2015

REVISTA BRASILEIRA DE ZOOTECNIA, SCI Journal, October 2015  
REVISTA BRASILEIRA DE ZOOTECNIA, SCI Journal, September 2015  
JOURNAL OF POULTRY RESEARCH, SCI Journal, August 2015  
JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, SCI Journal, April 2015  
REVISTA BRASILEIRA DE ZOOTECNIA, SCI Journal, January 2015  
TUBITAK Project, 1501 - Industry R & D Projects Support Program, GTS Lab, Turkey, November 2013

## **Metrics**

Publication: 90  
Citation (WoS): 353  
Citation (Scopus): 446  
H-Index (WoS): 8  
H-Index (Scopus): 11

## **Congress and Symposium Activities**

Poultry Health and Nutrition "Selko Day", Invited Speaker, İstanbul, Turkey, 2023  
Poultry Meat Practical Conversations, Invited Speaker, Ankara, Turkey, 2021  
Lallemand Animal Nutrition first MEA poultry technical meeting, Invited Speaker, İstanbul, Turkey, 2020  
JOINT SEMINAR OF RUSSIAN REPRESENTATIVE OFFICE OF HUVEPHARMA (BULGARIA) AND KOUDAJS , Invited Speaker, Antalya, Turkey, 2019  
JOINT SEMINAR OF RUSSIAN REPRESENTATIVE OFFICE OF HUVEPHARMA (BULGARIA) AND KOUDAJS , Invited Speaker, Antalya, Turkey, 2019  
Poultry Nutrition Technical Workshop, Invited Speaker, Bengaluru, India, 2019  
Poultry Nutrition Technical Workshop, Invited Speaker, New Delhi, India, 2019  
Amino acids in Poultry Nutrition, Invited Speaker, İstanbul, Turkey, 2016  
Kümes Hayvanları Kongresi, Invited Speaker, Kayseri, Turkey, 2010

## **Invited Talks**

Evonik Webinar Series-DL Methionine in Broiler Nutrition, Seminar, Evonik Health Care, Turkey, October 2021  
NEW NUTRITIONAL STRATEGIES IN LAYING HEN NUTRITION, Seminar, ANC-Huvepharma, Turkey, May 2018  
2.nd Gut Health Symposium, Conference, ANC Animal Health Co., Turkey, May 2017  
Evonik Amino Acids Nutrition Series, Seminar, Evonik, Turkey, April 2014  
1st Gut Health Symposia in Poultry, Conference, ANC Animal Health Co., Turkey, April 2011

## **Scholarships**

NC State Cochran Fellowship, University, 2016 - 2016  
postdoktoral fellowship, University, 1996 - 1998

## **Non Academic Experience**

Company, Beypiliç, ARGE