

## Prof. OSMAN KÜÇÜK

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### International Researcher IDs

ORCID: 0000-0002-2646-2479

Publons / Web Of Science ResearcherID: ABI-5264-2020

ScopusID: 57225465218

Yoksis Researcher ID: 10851

### Education Information

Doctorate, University of Wyoming, Animal And Veterinary Sciences, United States Of America 1996 - 2000

Postgraduate, University of Wyoming, Animal And Veterinary Sciences, United States Of America 1994 - 1996

Undergraduate, Istanbul University, Veteriner Fakültesi, Turkey 1987 - 1992

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Education Management and Planning, Akredite Veteriner Hekim, Veteriner Hekimler Odası - Kayseri, 2010

Education Management and Planning, Deneysel Hayvanlar Kullanım Sertifikası, Erciyes Üniversitesi DEKAM, 2008

Education Management and Planning, Agricultural Research Management, University of Wyoming, 1998

Education Management and Planning, Radiation Safety, University of Wyoming - Radiation Department, 1996

### Dissertations

Doctorate, Duodenal Flow of Nutrients and Fatty Acids in Sheep Supplemented with Soybean Oil, University Of Wyoming, Animal And Veterinary Sciences, Animal And Veterinary Sciences, 2000

Postgraduate, Influence of dietary crude protein levels on the performance by normal and Callipyge lambs, University Of Wyoming, Animal And Veterinary Science, Animal And Veterinary Science, 1996

### Research Areas

Health Sciences, Veterinary Sciences, Zootechnical and Animal Feed, Animal Nutrition and Nutritional Diseases

## Academic titles / Tasks

Professor, Erciyes University, Veteriner Fakültesi, Zootekni ve Hayvan Besleme, 2011 - Continues

## Academic and Administrative Experience

Erciyes Üniversitesi, 2013 - 2014

Erciyes University, 2013 - 2014

Erciyes Üniversitesi, 2005 - 2007

Erciyes University, 2005 - 2007

## Courses

Hayvan Besleme ve Beslenme Hastalıkları, Undergraduate, 2012 - 2013

Yarış Atlarının Beslenmesi, Undergraduate, 2012 - 2013

Deney Hayvanları Beslemesi, Doctorate, 2012 - 2013

Küçükbaş Hayvan Yetiştirme, Associate Degree, 2012 - 2013

Pet Besleme, Undergraduate, 2012 - 2013

Koyu besleme ve Beslenme Hastalıkları, Doctorate, 2011 - 2012

Besi Sığırı Beslemesi, Doctorate, 2012 - 2013

Yem Hijyen ve Teknolojisi, Undergraduate, 2010 - 2011

Rasyon Hazırlama Teknikleri, Doctorate, 2011 - 2012

Süt sığırı Beslemesi, Undergraduate, 2010 - 2011

Mesleki İngilizce, Undergraduate, 2009 - 2010

At Besleme, Postgraduate, 2008 - 2009

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

- I. **Increasing long-chain n-3 fatty acids in beef from forage-finished cattle through supplementation with the calcium salts of fish oil**  
KÜÇÜK O., Hess B. W., Paisley S., Underwood K., Rule D. C.  
VETERINARSKI ARHIV, vol.93, no.6, pp.627-640, 2023 (SCI-Expanded)
- II. **Feeding Zinc-Biofortified Wheat Improves Performance, Nutrient Digestibility, and Concentrations of Blood and Tissue Minerals in Quails**  
ŞAHİN N., KÜÇÜK O., ORHAN C., Savasli E., ÇAKMAK İ., ŞAHİN K.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.8, pp.3774-3784, 2022 (SCI-Expanded)
- III. **Influence of dietary genistein and polyunsaturated fatty acids on lipid peroxidation and fatty acid composition of meat in quail exposed to heat stress.**  
Orhan C., Sahin N., Sahin K., Kucuk O.  
Tropical animal health and production, vol.53, no.5, pp.494, 2021 (SCI-Expanded)
- IV. **Bioavailability of a Capsaicin Lipid Multi-particulate Formulation in Rats**  
ŞAHİN K., KÜÇÜK O., ORHAN C., Sahin E., Fowler K., White T., Durkee S., Bellamine A.  
EUROPEAN JOURNAL OF DRUG METABOLISM AND PHARMACOKINETICS, vol.46, no.5, pp.645-650, 2021 (SCI-Expanded)
- V. **Niacinamide and undenatured type II collagen modulates the inflammatory response in rats with monoiodoacetate-induced osteoarthritis**  
Sahin K., KÜÇÜK O., Orhan C., Tuzcu M., Durmus A. S., Ozercan I. H., Sahin N., Juturu V.  
SCIENTIFIC REPORTS, vol.11, no.1, 2021 (SCI-Expanded)
- VI. **Effects of supplementing different chromium histidinate complexes on glucose and lipid metabolism and related protein expressions in rats fed a high-fat diet**

ŞAHİN K., KÜÇÜK O., ORHAN C., Erten F., ŞAHİN N., Komorowski J. R.

JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.65, 2021 (SCI-Expanded)

- VII. **Lycopene supplementation does not change productive performance but lowers egg yolk cholesterol and gene expression of some cholesterol-related proteins in laying hens**  
Orhan C., KÜÇÜK O., Sahin N., Tuzcu M., Sahin K.  
BRITISH POULTRY SCIENCE, vol.62, no.2, pp.227-234, 2021 (SCI-Expanded)
- VIII. **Effects of magnesium biotinate supplementation on serum insulin, glucose and lipid parameters along with liver protein levels of lipid metabolism in rats**  
ŞAHİN K., ORHAN C., KÜÇÜK O., Erten F., TUZCU M., ŞAHİN N., Ojalvo S. P., Komorowski J. R.  
MAGNESIUM RESEARCH, vol.34, no.1, pp.9-19, 2021 (SCI-Expanded)
- IX. **Effects of taurine supplementation on productive performance, nutrient digestibility and gene expression of nutrient transporters in quails reared under heat stress**  
ORHAN C., KÜÇÜK O., ŞAHİN N., TUZCU M., ŞAHİN K.  
JOURNAL OF THERMAL BIOLOGY, vol.92, 2020 (SCI-Expanded)
- X. **A Dose-Dependent Effect of Carnipure(R) Tartrate Supplementation on Endurance Capacity, Recovery, and Body Composition in an Exercise Rat Model**  
ŞAHİN K., ORHAN C., KÜÇÜK O., ŞAHİN N., TUZCU M., Er B., Durkee S., Bellamine A.  
NUTRIENTS, vol.12, no.5, 2020 (SCI-Expanded)
- XI. **Deviations of feedstuffs loading in TMR preparation**  
Sirakaya S., KÜÇÜK O.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.43, no.3, pp.364-371, 2019 (SCI-Expanded)
- XII. **Effect of supplementing chromium histidinate and picolinate complexes along with biotin on insulin sensitivity and related metabolic indices in rats fed a high-fat diet**  
ORHAN C., KÜÇÜK O., TUZCU M., ŞAHİN N., Komorowski J. R., ŞAHİN K.  
FOOD SCIENCE & NUTRITION, 2018 (SCI-Expanded)
- XIII. **Chemical composition, organic matter digestibility and energy content of apple pomace silage and its combination with corn plant, sugar beet pulp and pumpkin pulp**  
Ülger I., Kaliber M., Ayaşan T., Küçük O.  
SOUTH AFRICAN JOURNAL OF ANIMAL SCIENCE, vol.48, pp.497-503, 2018 (SCI-Expanded)
- XIV. **Laying performance, digestibility and plasma hormones in laying hens exposed to chronic heat stress as affected by betaine, vitamin C, and/or vitamin E supplementation**  
Attia Y. A., Abd El-Hamid A. E. E., Abedalla A. A., Berika M. A., Al-Harhi M. A., KÜÇÜK O., Sahin K., Abou-Shehema B. M.  
SPRINGERPLUS, vol.5, 2016 (SCI-Expanded)
- XV. **Anti-diabetic activity of chromium picolinate and biotin in rats with type 2 diabetes induced by high-fat diet and streptozotocin**  
Sahin K., Tuzcu M., Orhan C., Sahin N., KÜÇÜK O., Ozercan I. H., Juturu V., Komorowski J. R.  
BRITISH JOURNAL OF NUTRITION, vol.110, no.2, pp.197-205, 2013 (SCI-Expanded)
- XVI. **Toklularda Karayolu ile Taşımanın Bazı Fizyolojik ve Biyokimyasal Parametreler Üzerine Etkisi**  
ÇETİN N., ÇETİN E., KÜÇÜK O.  
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, no.8, pp.97-103, 2011 (SCI-Expanded)
- XVII. **Oxidative stress in horses after a 12-hours transport period**  
ONMAZ A. C., Van Den Hoven R., GÜNEŞ V., Cinar M., KÜÇÜK O.  
REVUE DE MEDECINE VETERINAIRE, vol.162, no.4, pp.213-217, 2011 (SCI-Expanded)
- XVIII. **Changes in Serum Mineral Concentrations, Biochemical and Hematological Parameters in Horses with Pica**  
Aytekin I., ONMAZ A. C., Aypak S. U., GÜNEŞ V., KÜÇÜK O.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.139, no.3, pp.301-307, 2011 (SCI-Expanded)
- XIX. **TRACE ELEMENTS AND BIOCHEMICAL AND HAEMATOLOGICAL PARAMETERS IN COWS WITH DOWNER SYNDROME**  
ONMAZ A. C., Aytekin I., Aypak S. U., GÜNEŞ V., KÜÇÜK O., Ozturk A. S.

- BULLETIN OF THE VETERINARY INSTITUTE IN PULAWY, vol.55, no.3, pp.525-528, 2011 (SCI-Expanded)
- XX. **Growth and carcass fatty acid composition of beef steers fed soybean oil for increasing duration before slaughter**  
Ludden P. A., KÜÇÜK O., Rule D. C., Hess B. W.  
MEAT SCIENCE, vol.82, no.2, pp.185-192, 2009 (SCI-Expanded)
- XXI. **Different Effects of Road Transport on Yearling Lambs**  
Sarıözkan S., Cevger Y., Küçük O., Aral Y.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.15, pp.705-708, 2009 (SCI-Expanded)
- XXII. **A Combination of Zinc and Pyridoxine Supplementation to the Diet of Laying Hens Improves Performance and Egg Quality**  
KÜÇÜK O., KAHRAMAN A., KURT İ., Yıldız N., ONMAZ A. C.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.126, pp.165-175, 2008 (SCI-Expanded)
- XXIII. **Zinc in a combination with magnesium helps reducing negative effects of heat stress in quails**  
KÜÇÜK O.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.123, pp.144-153, 2008 (SCI-Expanded)
- XXIV. **Fatty acid compositions of mixed ruminal microbes isolated from sheep supplemented with soybean oil**  
KÜÇÜK O., Hess B. W., Rule D. C.  
RESEARCH IN VETERINARY SCIENCE, vol.84, no.2, pp.215-224, 2008 (SCI-Expanded)
- XXV. **Isı stresine (35 oC) Maruz bırakılan bıldırcınlarda yeme ilave edilen magnezyumun bazı hematolojik parametreler üzerine etkisi**  
ÇETİN N., ÇETİN E., KÜÇÜK O.  
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, no.3, pp.15-20, 2006 (SCI-Expanded)
- XXVI. **Soybean oil supplementation of a high-concentrate diet does not affect site and extent of organic matter, starch, neutral detergent fiber, or nitrogen digestion, but influences both ruminal metabolism and intestinal flow of fatty acids in limit-fed lambs**  
KÜÇÜK O., Hess B., Rule D.  
JOURNAL OF ANIMAL SCIENCE, vol.82, no.10, pp.2985-2994, 2004 (SCI-Expanded)
- XXVII. **Supplemental zinc and vitamin A can alleviate negative effects of heat stress in broiler chickens**  
KÜÇÜK O., Sahin N., Sahin K.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.94, no.3, pp.225-235, 2003 (SCI-Expanded)
- XXVIII. **Effects of chromium, and ascorbic acid supplementation on growth, carcass traits, serum metabolites, and antioxidant status of broiler chickens reared at a high ambient temperature (32 degrees C)**  
Sahin K., Sahin N., KÜÇÜK O.  
NUTRITION RESEARCH, vol.23, no.2, pp.225-238, 2003 (SCI-Expanded)
- XXIX. **Egg production, egg quality, and lipid peroxidation status in laying hens maintained at a low ambient temperature (6 degrees C) and fed a vitamin C and vitamin E-supplemented diet**  
KÜÇÜK O., Sahin N., Sahin K., Gursu M., Gulcu F., Ozcelik M., Issi M.  
VETERINARNI MEDICINA, vol.48, pp.33-40, 2003 (SCI-Expanded)
- XXX. **Effects of vitamin E and selenium on thyroid status, adrenocorticotropin hormone, and blood serum metabolite and mineral concentrations of Japanese quails reared under heat stress (34 degrees C)**  
Gursu M., Sahin N., KÜÇÜK O.  
JOURNAL OF TRACE ELEMENTS IN EXPERIMENTAL MEDICINE, vol.16, pp.95-104, 2003 (SCI-Expanded)
- XXXI. **Effects of dietary chromium and ascorbic acid supplementation on digestion of nutrients, serum antioxidant status, and mineral concentrations in laying hens reared at a low ambient temperature**  
Sahin K., Sahin N., KÜÇÜK O.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.87, pp.113-124, 2002 (SCI-Expanded)
- XXXII. **Optimal dietary concentration of vitamin E for alleviating the effect of heat stress on performance, thyroid status, ACTH and some serum metabolite and mineral concentrations in broilers**  
Sahin K., KÜÇÜK O., Sahin N., Gursu M.

- VETERINARNI MEDICINA, vol.47, no.4, pp.110-116, 2002 (SCI-Expanded)
- XXXIII. **Effects of vitamin C and vitamin E on lipid peroxidation status, serum hormone, metabolite, and mineral concentrations of Japanese quails reared under heat stress (34 degrees C)**  
Sahin K., KÜÇÜK O., Sahin N., Sari M.  
INTERNATIONAL JOURNAL FOR VITAMIN AND NUTRITION RESEARCH, vol.72, no.2, pp.91-100, 2002 (SCI-Expanded)
- XXXIV. **Effects of dietary chromium picolinate supplementation on serum and tissue mineral contents of laying Japanese quails**  
Sahin K., Sahin N., KÜÇÜK O.  
JOURNAL OF TRACE ELEMENTS IN EXPERIMENTAL MEDICINE, vol.15, no.3, pp.163-169, 2002 (SCI-Expanded)
- XXXV. **Effects of vitamin C and vitamin E on performance, digestion of nutrients and carcass characteristics of Japanese quails reared under chronic heat stress (34 degrees C)**  
Sahin K., KÜÇÜK O.  
JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, vol.85, pp.335-341, 2001 (SCI-Expanded)
- XXXVI. **Effects of vitamin E and selenium on performance, digestibility of nutrients, and carcass characteristics of Japanese quails reared under heat stress (34 degrees C)**  
Sahin K., KÜÇÜK O.  
JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION, vol.85, pp.342-348, 2001 (SCI-Expanded)
- XXXVII. **Effects of vitamin E and vitamin A supplementation on performance, thyroid status and serum concentrations of some metabolites and minerals in broilers reared under heat stress (32 degrees C)**  
Sahin N., Sahin K., KÜÇÜK O.  
VETERINARNI MEDICINA, vol.46, pp.286-292, 2001 (SCI-Expanded)
- XXXVIII. **Effects of dietary chromium picolinate supplementation on egg production, egg quality and serum concentrations of insulin, corticosterone, and some metabolites of Japanese quails**  
Sahin K., KÜÇÜK O., Sahin N., Ozbey O.  
NUTRITION RESEARCH, vol.21, no.9, pp.1315-1321, 2001 (SCI-Expanded)
- XXXIX. **Effect of forage : concentrate ratio on ruminal digestion and duodenal flow of fatty acids in ewes**  
KÜÇÜK O., Hess B., Ludden P., Rule D.  
JOURNAL OF ANIMAL SCIENCE, vol.79, no.8, pp.2233-2240, 2001 (SCI-Expanded)
- XL. **Effects of dietary chromium picolinate supplementation on performance and plasma concentrations of insulin and corticosterone in laying hens under low ambient temperature**  
Sahin K., KÜÇÜK O., Sahin N.  
JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION-ZEITSCHRIFT FÜR TIERPHYSIOLOGIE TIERERNAHRUNG UND FUTTERMITTELKUNDE, vol.85, pp.142-147, 2001 (SCI-Expanded)
- XLI. **Protective role of supplemental vitamin E on lipid peroxidation, vitamins E, A and some mineral concentrations of broilers reared under heat stress**  
Sahin K., Sahin N., Onderci M., Yaralioglu S., KÜÇÜK O.  
VETERINARNI MEDICINA, vol.46, no.5, pp.140-144, 2001 (SCI-Expanded)
- XLII. **A simple way to reduce heat stress in laying hens as judged by egg laying, body weight gain and biochemical parameters**  
Sahin K., KÜÇÜK O.  
ACTA VETERINARIA HUNGARICA, vol.49, no.4, pp.421-430, 2001 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effects of magnesium picolinate, zinc picolinate, and selenomethionine co-supplementation on reproductive hormones, and glucose and lipid metabolism-related protein expressions in male rats fed a high-fat diet**  
ŞAHİN K., ORHAN C., KÜÇÜK O., TUZCU M., ŞAHİN N., ÖZERCAN İ. H., SYLLA S., OJALVO S. P., KOMOROWSKI J. R.

FOOD CHEMISTRY: MOLECULAR SCIENCES, vol.4, 2022 (ESCI)

- II. **TEORİDE HAZIRLANAN RASYONLARIN PRATİK UYGULAMADAKİ VARYASYONLARININ ALTI SİGMAMETODOLOJİSİ İLE ARAŞTIRILMASI2-TMR RASYONLARINDA KULLANILAN YEM HAMMADDELERİNDEKİ BESİN MADDE DEĞİŞKENLİKLERİN BİR SÜT SIĞIRI ÇİFTLİĞİ ÖRNEĞİNDE İNCELENMESİ**  
SIRAKAYA S., KÜÇÜK O.  
SAĞLIK BİLİMLERİ DERGİSİ, no.28, pp.142-147, 2019 (Peer-Reviewed Journal)
- III. **Toride Hazırlanan Rasyonların Pratik Uygulamadaki Varyasyonlarının Altı Sigma Metodolojisi İle Araştırılması 1-TMR Rasyonlarında Besin Madde Değişkenliklerinin Dört Süt Sığırları Çiftliği Örneğinde İncelenmesi**  
SIRAKAYA S., KÜÇÜK O.  
Sağlık Bilimleri Dergisi, vol.27, no.2, pp.1-9, 2018 (Peer-Reviewed Journal)
- IV. **Bone Marrow Fatty Acid Composition Of Grass-Fed Cattle: Nutritional Application**  
KÜÇÜK O., cordain I., Fulton K., Rule D. C.  
Erciyes Üniversitesi Sağlık Bilimleri Dergisi, no.27, pp.149-155, 2018 (Peer-Reviewed Journal)
- V. **More dietary biotin is needed when diet of quails contains soybean oil**  
KÜÇÜK O.  
Erciyes Üniversitesi Sağlık Bilimleri Dergisi, 2016 (Peer-Reviewed Journal)
- VI. **Effects of supplemental zinc to the diet of Labrador puppies**  
Sarıkaya A. E., KÜÇÜK O.  
Erciyes Üniversitesi Sağlık Bilimleri Dergisi, 2015 (Peer-Reviewed Journal)
- VII. **Süt Sığırlarında Magnezyum Oksit Kullanımı**  
ÜLGER İ., KÜÇÜK O.  
Erciyes Üniversitesi Sağlık Bilimleri Dergisi, vol.3, no.23, pp.149-154, 2014 (Peer-Reviewed Journal)
- VIII. **Çinko Ve Metiyoninin Buzağılarda Performans Üzerine Etkisi**  
ÜLGER İ., KÜÇÜK O.  
Erciyes Üniversitesi Sağlık Bilimleri Dergisi, vol.20, no.3, pp.195-202, 2011 (Peer-Reviewed Journal)
- IX. **Toklularda Karayolu ile Taşımanın Oksidan-Antioksidan Sistem Üzerine Etkisi**  
ÇETİN N., ÇETİN E., KÜÇÜK O.  
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, pp.103-109, 2011 (Peer-Reviewed Journal)
- X. **Toklularda karayolu ile taşımanın bazı hematolojik ve biyokimyasal parametreler üzerine etkisi**  
ÇETİN E., ÇETİN N., KÜÇÜK O.  
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, vol.8, no.2, pp.97-103, 2011 (Peer-Reviewed Journal)

## **Books & Book Chapters**

- I. **Pratik Kedi ve Köpek Besleme – Beslenme Hastalıkları**  
Küçük O.  
Verda, Kayseri, 2020
- II. **Pratik Koyun ve Keçi Besleme – Beslenme Hastalıkları**  
Küçük O.  
Verda, Kayseri, 2020
- III. **Pratik Buzağı, Düve, Süt Sığırları ve Besi Sığırları Beslenmesi. Genişletilmiş ve gözden geçirilmiş 2 baskı.**  
Küçük O.  
Verda, Kayseri, 2019
- IV. **Bayburt Ekonomisinin En Önemli Potansiyeli: Meraya Dayalı Hayvancılık**  
KÜÇÜK O.  
Verda Yayıncılık ve Danışmanlık, Kayseri, 2018
- V. **Yarışatı Besleme ve Beslenme Hastalıkları**  
KÜÇÜK O.

- Verda Yayıncılık, 2017
- VI. **Pratik Kedi ve Köpek Besleme Beslenme Hastalıkları**  
KÜÇÜK O.  
Verda Yayıncılık, 2017
- VII. **Yarış Atı ve Genel At Besleme Beslenme Hastalıkları Feeding Racehorses and Other Horse Groups Nutritional Diseases**  
KÜÇÜK O.  
Verda Yayıncılık, 2016
- VIII. **Pratik Koyun ve Keçi Besleme**  
KÜÇÜK O.  
Verda, Kayseri, 2014
- IX. **Pratik Koyun ve Keçi Besleme Practical Feeding of Sheep and Goats**  
KÜÇÜK O.  
Verda Yayıncılık, 2014
- X. **Pratik Buzacağı, Düve, Süt Sığırdığı ve Besi Sığırdığı Beslenmesi**  
KÜÇÜK O.  
Verda, Kayseri, 2013
- XI. **Pratik Buzacağı Düve Süt Sığırdığı ve Besi Sığırdığı Beslenmesi Practical Nutrition of Calf Heifer Dairy Cow and Beef Cattle**  
KÜÇÜK O.  
Verda Yayıncılık Kayseri, 2013

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

- I. **Comparison of organic animal production in Turkey to the European countries**  
KÜÇÜK O.  
4th International Conference on Engineering and Natural Sciences (ICENS 2018), 2 - 06 May 2018
- II. **Atlarda Önemli bir Laminitis ve Kolik Nedeni: Nişasta**  
KÜÇÜK O.  
Türkiye Jokey Kulübü (TJK) 3. AT SAĞLIĞI KONGRESİ, Turkey, 24 September 2017
- III. **Variation Comparison of Theoretically Prepared Diets to The Diets Pratically Served to Cattle Using Six Sigma Methods**  
KÜÇÜK O., SIRAKAYA S.  
3rd International Conference on Science, Ecology and Technology (Iconsete'2017), Roma, Italy, 14 - 16 August 2017
- IV. **variation comparison of theoretically prepared diets to the diets practically served to cattle using six sigma methods**  
KÜÇÜK O., sırakaya s.  
Italy Yunus Emre Enstitüsü, 14 August 2017
- V. **Investigation on the Ensiling Possibilities of Apple Pomace in Terms of a Way of Disposal**  
ÜLGER İ., KALİBER M., AYAŞAN T., KÜÇÜK O.  
EKOLOJİ 2017 ULUSLARARASI SEMPOZYUMU (ECOLOGICAL 2017), Kayseri, Turkey, 11 - 13 May 2017, vol.1, no.1, pp.391
- VI. **Effects of sodium borate on live performance and some blood parameters of preweaning calves fed milk**  
KÜÇÜK O.  
Agricultural and Biological Research Division, National Research Centre, Egypt, 27 March 2017
- VII. **Dietary fiber and water holding capacity in horse performance**  
KÜÇÜK O.  
ICAST International Congress on advances in veterinary sciences and techniques, 25 - 29 August 2016

- VIII. **The chemical composition and nutritive value of ensiled sugar beet beta vulgaris leaves with various additives**  
ÜLGER İ., KÜÇÜK O.  
ICAST International Congress on advances in veterinary sciences and techniques, 25 - 29 August 2016
- IX. **The Chemical Composition and Nutritive Value of Ensiled Sugar Beet Beta vulgaris L Leaves with Various Additives**  
ÜLGER İ., KÜÇÜK O.  
INTERNATIONAL CONFERENCE ON ADVANCES IN VETERINARY SCIENCES TECHNICS 2016, Saraybosna, Bosnia And Herzegovina, 25 - 29 August 2016
- X. **Effects of selenium and chromium supplementation in the diet of quails on live performance and some blood parameters**  
KÜÇÜK O., kerim k.  
konferans, 4 - 06 June 2015
- XI. **Effects of supplemental zinc to the diet of Labrador puppies**  
KÜÇÜK O., abdullah emre s.  
konferans, 15 - 20 October 2013
- XII. **Fiber digestion with fat feeding through the rumen microbial ecosystem**  
KÜÇÜK O.  
sempozyum, 12 - 14 April 2012
- XIII. **More Dietary Biotin Is Needed When Diet of Quails Contains Soybean Oil**  
KÜÇÜK O.  
sempozyum, 13 - 17 February 2012
- XIV. **Supplemental rumen protected fish oil increases concentrations of long chain n 3 fatty acids in tissues of grass fed beef**  
Daniel C R., Bret W H., Steive P., Warrie M., Kean U., KÜÇÜK O.  
meeting, 9 - 11 June 2011
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## Non Academic Experience

University of Wyoming

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