

# Turkish Journal of Veterinary & Animal Sciences

---

Volume 44 | Number 3

Article 37

---

1-1-2020

## Cover and Contents

Follow this and additional works at: <https://journals.tubitak.gov.tr/veterinary>

---

### Recommended Citation

(2020) "Cover and Contents," *Turkish Journal of Veterinary & Animal Sciences*: Vol. 44: No. 3, Article 37.  
Available at: <https://journals.tubitak.gov.tr/veterinary/vol44/iss3/37>

This Cover and Contents is brought to you for free and open access by TÜBİTAK Academic Journals. It has been accepted for inclusion in Turkish Journal of Veterinary & Animal Sciences by an authorized editor of TÜBİTAK Academic Journals. For more information, please contact [academic.publications@tubitak.gov.tr](mailto:academic.publications@tubitak.gov.tr).

VOLUME | ISSUE | YEAR  
44 | 3 | 2020  
ISSN 1300-0128 • E-ISSN 1303-6181

TURKISH JOURNAL OF  
**VETERINARY  
& ANIMAL  
SCIENCES**

<http://journals.tubitak.gov.tr/veterinary/>



Published by the Scientific and  
Technological Research Council of Turkey

**TÜBİTAK**

# TURKISH JOURNAL OF VETERINARY AND ANIMAL SCIENCES

**Editor-in-Chief**

Mehmet BAŞALAN, Kırıkkale University, Turkey

**Assistant Editor-in-Chief**

Nuh KILIÇ, Aydın Adnan Menderes University, Turkey

Betül Zehra SARIÇİÇEK Ankara University, Turkey

**VOLUME 44 • ISSUE 3 • 2020**

ISSN 1300-0128 • E-ISSN 1303-6181

## SCOPE OF JOURNAL

- The Turkish Journal of Veterinary and Animal Sciences is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK).
- Accepts English-language manuscripts on all aspects of veterinary medicine and animal sciences.
- Contribution is open to researchers of all nationalities.
- Original research articles, review articles, short communications, case reports, and letters to the editor are welcome.
- Manuscripts related to economically important large and small farm animals, poultry, equine species, aquatic species, and bees, as well as companion animals such as dogs, cats, and cage birds, are particularly welcome.
- Contributions related to laboratory animals are only accepted for publication with the understanding that the subject is crucial for veterinary medicine and animal science.
- Manuscripts written on the subjects of basic sciences and clinical sciences related to veterinary medicine, nutrition, and nutritional diseases, as well as the breeding and husbandry of the above-mentioned animals and the hygiene and technology of food of animal origin, have priority for publication in the journal.
- A manuscript suggesting that animals have been subjected to adverse, stressful, or harsh conditions or treatment will not be processed for publication unless it has been approved by an institutional animal care committee or the equivalent thereof.
- The editor and the peer reviewers reserve the right to reject papers on ethical grounds when, in their opinion, the severity of experimental procedures to which animals are subjected is not justified by the scientific value or originality of the information being sought by the author(s).

## SCOPE OF JOURNAL

- Ahmet ÜNVER, Çanakkale Onsekiz Mart University, Turkey
- Armağan HAYIRLI, Atatürk University, Turkey
- Asım KART, Mehmet Akif Ersoy University, Turkey
- Attila Karsi, Mississippi State University, U.S.A.
- Bożena OBMINSKA-MRUKOWICZ, Wrocław University of Environmental and Life Sciences, Poland
- Ercan KURAR, Necmettin Erbakan University, Turkey
- Fredric N. OWENS, Pioneer HiBred Int Inc, U.S.A.
- Haja KADARMIDEEN, University of Copenhagen, Denmark
- Hasan ÖZEN, Kafkas University, Turkey
- Huitao FAN, Purdue University, U.S.A.
- İbrahim DEMİRKAN, Afyon Kocatepe University, Turkey
- İbrahim KÜRTÜL, Karabük University, Turkey
- Kadir KIZILKAYA, Adnan Menderes University, Turkey
- Krzysztof LUTNICKI, University of Life Sciences in Lublin, Poland
- Margarita TERENTJEVA, Latvia University of Agriculture, Latvia
- Mehmet AKBULUT, Selçuk University, Turkey
- Mehmet ÇALICIOĞLU, Fırat University, Turkey
- Mehmet KURAN, Ondokuz Mayıs University, Turkey
- Mehmet Ulaş ÇINAR, Erciyes University, Turkey
- Michel DUCLOS, INRA UR83 Recherches Avicoles, France
- Murat YILDIRIM, Kırıkkale University, Turkey
- Mustafa ARICAN, Selçuk University, Turkey
- Mustafa SAATCI, Muğla Sıtkı Koçman University, Turkey
- Necmettin ÜNAL, Ankara University, Turkey
- Nuri ALTUĞ, Namık Kemal University, Turkey
- Roberto DAVOLI, University of Bologna, Italy
- Sedat YILDIZ, İnönü University, Turkey
- Sema BİRLER, İstanbul University, Turkey
- Siyami KARAHAN, Kırıkkale University, Turkey
- Şükrü Metin PANCARCI, Balıkesir University, Turkey
- Zafer SOYGÜDER, Yüzüncü Yıl University, Turkey

## ABSTRACTED AND INDEXED

- Science Citation Index Expanded
- Scopus
- Academic Search Complete

# CONTENTS

Determination of fat preferences of adult dogs.....	481
<b>Fatma İNAL, Mustafa Selçuk ALATAŞ, Oğuzhan KAHRAMAN, Şeref İNAL, Mustafa ULUDAĞ</b>	
Supplementation with aqueous extract of <i>Talinum triangulare</i> and effect on the hematology and serum biochemistry in growing pullets .....	487
<b>Chinwe Justina ARONU, Aruh Ottah ANAGA, Benjamin Nwabueze MARIRE, Silvanus Maduka ANIKA</b>	
Clinical results of triple tibial osteotomy treatment in cranial cruciate ligament-deficient dogs.....	495
<b>Mustafa Volkan YAPRAKCI, Zülfükar Kadir SARITAŞ</b>	
Investigation of biotype, genotype and virulence associated genes in <i>Pasteurella multocida</i> capsular type A strains from the respiratory tract of cattle and their relationship with disease cases.....	503
<b>Özgül GÜLAYDIN, Kemal GÜRTÜRK</b>	
Effects of dietary guar meal with or without beta-mannanase on performance and egg quality traits in laying hens .....	511
<b>Süleyman ÇALIŞLAR</b>	
Evaluation of Morgan's pocket technique in the treatment of nictitans gland prolapse in dogs .....	521
<b>Mehmet Zeki Yılmaz DEVECİ, Cafer Tayer İŞLER, Ziya YURTAL, Muhammed Enes ALTUĞ, Ömer KIRGIZ</b>	
The anti proliferative effects of rosemary oil on keratinocyte cell line, HaCaT.....	528
<b>Muhammet Kuddusi ERHAN</b>	
Humoral immunity provided by a novel infectious bronchitis vaccine supplemented by bacterium-like particles (BLPs) ....	534
<b>Emadodin TOHIDI, Abolfazl GHANIEI, Hamidreza FARZIN, Alireza HAGHPARAST</b>	
Association of toll-like receptor 4 (TLR 4) gene exon 3 variants with serostatus of the ovine John's disease (paratuberculosis) in Turkish sheep.....	542
<b>Yalçın YAMAN</b>	
Evaluation of the effects of bone morphogenetic protein-2 on the healing of bone calvarial defects in ovariectomized rats ....	548
<b>Ela Tules KADİROĞLU, Fatih KARAYÜREK, Mehmet Erdem AKBALIK</b>	
Impacts of nipple drinker position on water intake, water wastage and drinking duration of pigs .....	562
<b>Elanchezhian ARULMOZHI, Jayanta Kumar BASAK, Jihoon PARK, Frank Gyan OKYERE, Fawad KHAN, Yongjin LEE, Junhyeon LEE, Deoghyun LEE, Hyeon Tae KIM</b>	
Statistical analysis of the relationship between mortality and nosocomial factors in patients with septicemia and the importance of <i>Pseudomonas aeruginosa</i> .....	573
<b>Dilek DÜLGER</b>	
Prevalence of gastrointestinal parasitic infections in cattle and sheep in two regions of Romania .....	581
<b>Catalin Bogdan SIRBU, Kalman IMRE, Gheorghe DARABUS, Tiana SUICI, Bogdan MATES, Sorin MORARIU</b>	
Hormonal profile of Mediterranean green turtles ( <i>Chelonia mydas</i> ).....	588
<b>Şahver Ege HİŞMİOĞULLARI, Tünay KONTAŞ AŞKAR, Muhammed Enes ALTUĞ, Yaşar ERGÜN</b>	
Effects of seasons and environmental conditions on semen quality of Senduro goats reared under tropical climate .....	594
<b>Nurul ISNAINI, Gatot CIPTADI, Enniek HERWIJANTI, Nada Ira Putri WALIDAH, Muhammad Willy Sabili Nirwana PUTRA</b>	
Investigation of the myocardial damage due to acute anemia in a rabbit model of acute normovolemic anemia .....	600
<b>Kenan Çağrı TÜMER, Haydar ÖZDEMİR, Hatice ERÖKSÜZ</b>	

---

Effects of heavy metal pollution on hepatosomatic index and vital organ histology in <i>Alburnus mossulensis</i> from Karasu River .....	607
<b>Hatice DANE, Turgay ŞİŞMAN</b>	
The prevalence of <i>Clostridium perfringens</i> in retail meat of Mardan, Pakistan.....	618
<b>Mumtaz Ali KHAN, Sher Bahadar KHAN, Imdad Ullah KHAN, Asad SULTAN, Rajwali KHAN, Muhammad SHAHID, Amjad Islam AQIB, Shakirullah KHAN, Alam Zeb KHAN, Mubbashar HASSAN</b>	
Effect of concrete pond and net-cage culture systems on growth performance and haematological parameters of Siberian sturgeon ( <i>Acipenser baerii</i> ) .....	624
<b>Selçuk DUMAN</b>	
Biosecurity levels of livestock enterprises in Turkey and factors affecting these levels .....	632
<b>Mehmet Ferit CAN, Nuri ALTUĞ, FerhanKAYGISIZ</b>	
Evaluation of cytotoxic, apoptotic effects and phenolic compounds of sea cucumber <i>Holothuria tubulosa</i> (Gmelin, 1791) extracts .....	641
<b>Mehlika ALPER, Melek GÜNEŞ</b>	
Research on the determination of heat and water vapor emissions of Anatolian water buffaloes under indoor environmental conditions .....	656
<b>İsrafil KOCAMAN, Hüseyin Cömert KURÇ</b>	
Gastrointestinal helminths detected in wild horses in Konya Province, Turkey .....	662
<b>Onur CEYLAN, Bilal DİK, Ceylan CEYLAN, Asma SEMASSEL, Özlem DERİNBAY EKİCİ, Gonca SÖNMEZ</b>	
The effect of paddy straw and concentrate containing green tea dust on performance and nutrient digestibility in feedlot lambs .....	668
<b>Diky RAMDANI, Dwi Cipto BUDINURYANTO, Novi MAYASARI</b>	
Across-breed genomic prediction for body weight in Siberian cattle populations .....	675
<b>Burak KARACAÖREN</b>	
Sexual analysis in turkey ( <i>Meleagris gallopavo</i> ) neurocranium using geometric morphometric methods .....	681
<b>Ozan GÜNDEMİR, Ermiş ÖZKAN, Mustafa Orhun DAYAN, Sedat AYDOĞDU</b>	
Effect of in-bag carcass decontamination method on shelf life of whole chicken carcasses packaged in plastic bags .....	688
<b>İbrahim Alper UYSAL, Gökhan Kürşad İNCİLİ, Ömer ÇAKMAK, Mehmet ÇALICIOĞLU</b>	
Effect of Osteopontin gene variants on milk production traits in Holstein Friesian crossbred cattle of Kerala .....	695
<b>Francis Anand LALI, Kulangara ANILKUMAR, Thazhathuveetil ARAVINDAKSHAN</b>	
Assessment of mitogen-activated protein kinases as therapeutic targets for the treatment of babesiosis and theileriosis ....	702
<b>Özal MUTLU</b>	
Pathogenicity of aerobic bacteria isolated from honeybees ( <i>Apis mellifera</i> ) in Ordu Province.....	714
<b>Emine Şeyma BOĞ, Ömer ERTÜRK, Mustafa YAMAN</b>	
Differences in physico-chemical parameters of goat milk depending on breed type, physiological and environmental factors.....	720
<b>Joanna BARŁOWSKA, Robert PASTUSZKA, Jolanta KRÓL, Aneta BRODZIAK, Anna TETER, Zygmunt LITWIŃCZUK</b>	
Investigation of the SCID mutant allele in Turkish Arabian horses reared in some private farms of the Eskişehir region in Turkey.....	729
<b>Mustafa DOĞAN, Muhammet KAYA</b>	
Effects of some disinfectants on <i>Toxocara</i> spp.eggs viability of dogs and cats .....	734
<b>Iasmina LUCA, Ion OPRESCU, Sorin MORARIU, Narcisa MEDERLE, Marius Stelian ILIE, Gheorghe DĂRĂBUŞ</b>	

Comparative morphological analysis of diploid and triploid oysters, <i>Crassostrea gigas</i> , farmed in the Black Sea .....	740
<b>Oksana Yurievna VIALOVA</b>	
Impact of pH on the activity of co-used antimicrobials against resistant <i>Escherichia coli</i> strains of animal origin .....	747
<b>Murat CENGİZ, Gülçe HEPBOSTANCI</b>	
Application of an indirect MilA ELISA for the detection of Mycoplasma bovis antibodies in bovine milk .....	752
<b>Abd Al-Bar AL-FARHA, Nadeeka WAWEGAMA, Farhid HEMMATZADEH, Simon FIRESTONE, Jamie MOFFAT, Gholam Ali KOJOURI, Ania AHANI AZARI, Reza AMANOLLAHI, Andrew HOARE, Kiro PETROVSKI</b>	

---