

## Assoc. Prof. Adnan Ayan

### Personal Information

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### Education Information

Doctorate, Adnan Menderes Üniversitesi, Sağlık Bilimleri Enstitüsü Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü/Parazitoloji Anabilim Dalı, Turkey 2012 - 2018

Undergraduate, Ankara University, Veteriner Fakültesi, Turkey 2005 - 2010

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Adnan Menderes Üniversitesi Hayvan Deneyleleri Yerel Etik Kurulu, 2017

### Dissertations

Doctorate, AYDIN BÖLGESİNDEKİ BAL ARILARINDA (*Apis mellifera*) BULUNAN *Varroa destructor*'un (AKAR: Varroidae) GENETİK KARAKTERİZASYONU, Adnan Menderes Üniversitesi, Sağlık Bilimleri Enstitüsü (Veteriner Parazitoloji, Klinik Öncesi Bilimler Bölümü/Parazitoloji Anabilim Dalı, 2018

### Research Areas

Health Sciences, Veterinary Sciences, Zootechnical and Animal Feed, Genetics, Molecular

### Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yil University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü, 2021 - Continues

Assistant Professor, Van Yüzüncü Yil University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme , 2018 - 2021

Assistant Professor, Van Yüzüncü Yil University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme , 2018 - 2018

Research Assistant PhD, Van Yüzüncü Yil University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü, 2017 - 2018

Research Assistant, Aydın Adnan Menderes University, Graduate School Of Educational Sciences, 2012 - 2017

Research Assistant, Van Yüzüncü Yil University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2011 - 2012

## Academic and Administrative Experience

Head of Department, Van Yüzüncü Yil University, Veteriner Fakültesi, Zootekni Ve Hayvan Besleme Bölümü, 2021 - Continues

## Courses

Genetik, Undergraduate, 2018 - 2019

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **MOLECULAR IDENTIFICATION OF EHRlichia CANIS IN RHIPICEPHALUS SANGUINEUS TICKS FROM SIIRT PROVINCE**  
Aslan B., Ayan A., Yılmaz A. B. , Çelik Ö. Y. , Oruç Kılınç Ö., Oktay Ayan Ö.  
Acta Veterinaria-Beograd, vol.71, no.3, pp.247-255, 2021 (Journal Indexed in SCI Expanded)
- II. **Molecular Detection of Mycoplasma Haemocanis and Candidatus Mycoplasma Haematoparvum in Rhipicephalus sanguineus Tick Species Collected from Dogs in Adana Province from Turkey**  
Şababoğlu E., Ayan A., Oruç Kılınç Ö., Yılmaz A. B. , Tekindal M. A. , Akkaya H., Aslan B.  
Fresenius Environmental Bulletin, vol.30, no.6, pp.6485-6489, 2021 (Journal Indexed in SCI Expanded)
- III. **D-dimer level as a potential marker of cutaneous disease activity in canine leishmaniosis and demodicosis**  
Ayan A., Ural K., Erdoğan H., Gültekin M.  
Magyar Allatorvosok Lapja, vol.142, pp.411-420, 2020 (Journal Indexed in SCI Expanded)
- IV. **High Prevalence of Ehrlichia canis in Dogs in Van, Turkey**  
Ayan A., Oruç Kılınç Ö., Erdoğan S., Akyıldız G., Bia M. M. , Lee D.  
Applied Ecology And Environmental Research, vol.18, no.1, pp.1953-1960, 2020 (Journal Indexed in SCI Expanded)
- V. **Serum Thiol Disulphide Levels Among Sheep with Sarcoptic Mange**  
Çamkerten İ., Çamkerten G., Erdoğan H., Ayan A., Erdoğan S., Ural K.  
KAFKAS UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.25, no.6, pp.865-868, 2019 (Journal Indexed in SCI Expanded)
- VI. **Calves- and lamb-level association between serum 25-hydroxyvitamin D concentrations and cryptosporidiosis**  
Ural K., Paşa S., Alıç Ural D., Erdoğan H., Gültekin M., Ayan A., Erdoğan S.  
Magyar Allatorvosok Lapja, vol.140, no.1, pp.189-193, 2018 (Journal Indexed in SCI Expanded)
- VII. **Histopathological, immunohistochemical, and parasitological studies on pathogenesis of Coenurus cerebralis in sheep**  
Yılmaz R., Yumuşak N., Yılmaz B., Ayan A., Aysul N.  
JOURNAL OF VETERINARY RESEARCH, vol.62, pp.35-41, 2018 (Journal Indexed in SCI Expanded)
- VIII. **Prevalence and Molecular Characterization of Giardia duodenalis in Calves in Turkey**  
Gultekin M., Ural K., Aysul N., Ayan A., Balıkcı C., Toplu S., Akyıldız G.  
ACTA SCIENTIAE VETERINARIAE, vol.45, 2017 (Journal Indexed in SCI)
- IX. **Chloroquine treatment against naturally occurring Giardia duodenalis infection in dogs**  
Ural K., Gultekin M., Pasa S., Aysul N., Ayan A.  
MEDYCYNA WETERYNARYJNA-VETERINARY MEDICINE-SCIENCE AND PRACTICE, vol.73, no.5, pp.280-283, 2017 (Journal Indexed in SCI)
- X. **Prevalence and molecular characterization of Giardia duodenalis in dogs in Aydin, Turkey**  
Gultekin M., Ural K., Aysul N., Ayan A., Balıkcı C., Akyıldız G.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, vol.27, no.3, pp.161-168, 2017 (Journal Indexed in SCI)
- XI. **Haematology and blood chemistry references values for clinically healthy red-wattled lapwing**

**(Vanellus indicus)**

Umar S., Aqil K., Qayyum R., Younus M., Qamar-un-Nisa Q., Ali S., Shah M. A. , Irfan M., Usman M., Ali A., et al.  
EUROPEAN JOURNAL OF WILDLIFE RESEARCH, vol.62, no.6, pp.797-803, 2016 (Journal Indexed in SCI)

**XII. The efficacy of chloroquine treatment of Giardia duodenalis infection in calves**

Gultekin M., Ural K., Aysul N., Ayan A., Balikci C., Akyildiz G.

VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT, vol.85, no.6, pp.335-341, 2016 (Journal Indexed in SCI)

**XIII. The efficacy of chloroquine treatment against naturally occurring Giardia duodenalis infection in lambs**

Karademir Ü., Ural K., Aysul N., Ayan A., Toplu S., Örtlek O., Balıkçı C., Künyeli A., Erdoğan H.

Revista Mvz Cordoba, vol.21, no.2, pp.5328-5335, 2016 (Journal Indexed in SCI Expanded)

**XIV. Transgenic Eimeria mitis Expressing Chicken IL-4 Mediated Decrease in Pathogenicity Compared to Wild Type Eimeria mitis Strains in Broiler Chickens**

KHAN J. M. , EL-ASHRAM S., LIU H. B. , KHAN S. H. , Ayan A., LIU X. Y. , WANG H., TANG X. M. , SUO X., HASSAN M. F.  
PAKISTAN VETERINARY JOURNAL, vol.36, no.4, pp.415-420, 2016 (Journal Indexed in SCI)

## Articles Published in Other Journals

**I. Turunçgil Ekstraktı Anti-Giardial Terapötik Destek Sağlayabilir mi?**

Alıç Ural D., Erdoğan S., Balıkçı C., Ayan A., Erdoğan H., Ural K.

Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.16, no.2, pp.149-154, 2021 (National Refreed University Journal)

**II. Trace Element Levels in Naturally Infected Dogs with Giardiasis**

Ural K., Erdoğan S., Tarhan D., Erdoğan H., Ayan A., Bayrakal A., Parkan Yaramis Ç., Ercan A. M. , Or M. E.

International Journal of Veterinary and Animal Research , vol.4, no.2, pp.49-52, 2021 (Refereed Journals of Other Institutions)

**III. Detection of Cryptosporidium spp. in Calves through Nested PCR and Kinyoun's Acid-Fast Methods in Iğdır, Turkey**

Ertuş F., Ayan A.

International Journal of Ecosystems and Ecology Science , vol.11, no.4, pp.791-796, 2021 (Journal Indexed in ESCI)

**IV. Evaluation of Orally Administered Anthelmintic Treatment Options for Dentostomella translucida in Naturally Infected Mongolian Gerbils (Meriones unguiculatus)**

Aypak S., Kum C., Pekağırbaş M., Ayan A., Karagenc T.

Türkiye Parazitoloji Dergisi, vol.45, no.1, pp.17-21, 2021 (Refereed Journals of Other Institutions)

**V. Investigation of Giardia duodenalis in Lambs Feces in Kırıkkale Province**

Gazyavaş S., Gazyavaş A. N. , Ayan A., Orunç Kılınc Ö.

Türkiye Klinikleri Veteriner Bilimleri Dergisi, vol.11, no.2, pp.60-63, 2020 (Refereed Journals of Other Institutions)

**VI. Prevalence of Cryptosporidium spp. in Diarrheic Dogs in Van Province**

Ayan A., Orunç Kılınc Ö.

Türkiye Klinikleri Veteriner Bilimleri Dergisi, vol.11, no.2, pp.64-68, 2020 (Refereed Journals of Other Institutions)

**VII. The Evaluation of Retinol,  $\alpha$ -Tocopherol, Cholecalciferol and Reproductive Hormones Levels After Administrated Allium Schoenoprasum L. Ethanol Extract and Acrylamide in the Female Rats**

Belhan S., Huyut Z., Yörük İ. H. , Yaşar S., Mis L., Ayan A.

Turkish Journal of Agriculture - Food Science and Technology, vol.8, no.8, pp.1803-1806, 2020 (National Refreed University Journal)

**VIII. Evaluation of serum 25-hydroxy vitamin D3 levels in goat kids naturally infected with Giardia duodenalis**

Erdoğan S., Alıç Ural D., Erdoğan H., Ayan A., Ural K., Özalp T., Günel İ.

Journal of Advances in VetBio Science and Techniques , vol.5, no.2, pp.43-47, 2020 (Refereed Journals of Other Institutions)

**IX. Clear up strips application for diagnosing notoedric scabies in a cat**

Ural K., Paşa S., Gültekin M., Erdoğan H., Ayan A., Erdoğan S.

Journal of Advances in VetBio Science and Techniques, vol.5, no.1, pp.27-32, 2020 (Refereed Journals of Other Institutions)

- X. **Detection of Cryptosporidium Spp. in Calves Through Nested PCR and Kinyoun's Acid-Fast Methods in Van, Turkey**  
AYAN A., ORUNÇ KILINÇ Ö., YÜKSEK N., BAŞBUĞAN Y.  
International Journal of Ecosystems and Ecology Science (IJEES), vol.10, no.2, pp.271-276, 2020 (Journal Indexed in ESCI)
- XI. **DETECTION OF CRYPTOSPORIDIUM SPP. IN CALVES THROUGH NESTED PCR AND KINYOUN'S ACID-FAST METHODS IN VAN, TURKEY**  
Ayan A., Kilinc O. O. , Yüksek N., Başbuğan Y.  
INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE-IJEES, vol.10, no.2, pp.271-276, 2020 (Journal Indexed in ESCI)
- XII. **Control Methods against Varroa Mites**  
Ayan A., TUTUN H., ALDEMİR O. S.  
International Journal of Advance Study and Research Work, vol.2, no.11, pp.19-23, 2019 (Other Refereed National Journals)
- XIII. **FEASIBILITY OF CLEAR-UP STRIPS IN THE DIAGNOSIS OF DEMODEX AND SARCOPTES MITES**  
Ayan A., Erdoğan S., Ural K., Erdoğan H., Gül G.  
International Journal of Ecosystems and Ecology Science, vol.9, no.4, pp.641-646, 2019 (Journal Indexed in ESCI)
- XIV. **PROTHROMBOTIC STATUS IN ACTIVE- AND ACUTE STAGES OF CANINE MONOCYTTIC EHRLICHIOSIS**  
Ayan A., Ural K.  
International Journal of Ecosystems and Ecology Science, vol.9, no.3, pp.563-568, 2019 (Journal Indexed in ESCI)
- XV. **Could Antiparasitic Cure with Clinoptilolite be Achieved in Dogs Naturally Infected with Giardia Duodenalis?**  
Ayan A., Erdoğan S.  
KOCATEPE VETERİNARY JOURNAL, vol.12, no.3, pp.305-309, 2019 (National Refreed University Journal)
- XVI. **PREVALENCE OF EHRLICHIA SPP IN TICKS COLLECTED FROM DOGS IN PROVINCE OF VAN IN TURKEY**  
Ayan A., Kilinc O. O. , Yılmaz A. B. , Babaoğlu A. R.  
INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE-IJEES, vol.9, no.3, pp.537-542, 2019 (Journal Indexed in ESCI)
- XVII. **Examination of Some Endoparasites Prevalence in Romanov Sheep Imported from Ukraine**  
Ayan A., Yaman T., Keleş Ö. F. , Tutun H.  
Harran Üniversitesi Veteriner Fakültesi Dergisi, vol.8, no.1, pp.99-103, 2019 (National Refreed University Journal)
- XVIII. **Evaluation of albendazole treatment on coagulation profile in sheep naturally infected with Dicrocoelium dentriticum**  
Erdoğan H., Gültekin M., Ural K., Parlatur Y., Ayan A., Erdoğan S., PASA S.  
Mehmet Akif Ersoy Üniversitesi Veteriner Fakültesi Dergisi, vol.4, no.1, pp.8-13, 2019 (International Refreed University Journal)
- XIX. **Toxocara spp, Ancylostoma caninum and Trichuris spp. Mono- and Mixed Infections in Diarrheic Dogs**  
Ayan A., Ural K., Erdoğan H., Selamoğlu Z., Erdoğan S., Kandemir P., Ateş D. S.  
Research & Reviews: Research Journal of Biology, vol.7, no.1, pp.1-5, 2019 (Refereed Journals of Other Institutions)
- XX. **PREVALANCE AND MOLECULAR CHARACTERIZATION OF GIARDIA DUODENALIS IN LIVESTOCK IN VAN, TURKEY**  
Ayan A., ALIÇ URAL D., ERDOĞAN H., Kilinc O. O. , GÜLTEKİN M., URAL K.  
INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE-IJEES, vol.9, no.2, pp.289-296, 2019 (Journal Indexed in ESCI)
- XXI. **Dentostomella translucida (Gerbil Pinworm) Infection in Mongolian Gerbil (Meriones Unguiculatus) Schulz and Krepkorgorskaja, 1932.**

- Ayan A., PEKAĞIRBAŞ M., AYPAK S., KARAGENÇ T.  
Türkiye parazitolojii dergisi, vol.42, pp.290-293, 2018 (Refereed Journals of Other Institutions)
- XXII. **May clinoptilolite be an alternative and natural solution for the treatment of giardiasis in lambs?**  
Ayan A., Alıç Ural D., Paşa S., Erdoğan S., Erdoğan H.  
Journal of Advances in VetBio Science and Techniques, vol.3, no.2, pp.16-20, 2018 (Refereed Journals of Other Institutions)
- XXIII. **Genetic characterization of Varroa destructor (Family: Varroidae) prevalent in honeybees (Apis mellifera) in the province of Aydın in Turkey**  
Ayan A., Aldemir O. S.  
Mehmet Akif Ersoy Üniversitesi Sağlık Bilimleri Dergisi , vol.6, no.1, pp.26-32, 2018 (International Refereed University Journal)
- XXIV. **Interpretation of Serum 25-Hydroxy Vitamin D3 Concentrations in Sheep with Naturally Occuring Sarcoptic Mange**  
Ural K., TUNCA R., Alıç Ural D., Çamkerten İ., Erdoğan H., Ayan A., Gültekin M., Haydardedeoğlu A. E. , Aysul N., Erdoğan S.  
Journal of Advances in VetBio Science and Techniques, vol.3, no.1, pp.35-40, 2018 (Refereed Journals of Other Institutions)
- XXV. **Analysis of COI Gene Region of Varroa destructor in Honey Bees (Apis mellifera) in Province of Siirt**  
Ayan A., Aldemir O. S. , Selamoğlu Z.  
TURKISH JOURNAL OF VETERINARY RESEARCH, vol.1, no.1, pp.20-23, 2017 (Refereed Journals of Other Institutions)
- XXVI. **Van Bölgesindeki Bal Arılarında (Apis mellifera) Bulunan Varroa destructor'un (AKAR: Varroidae) Genetik Karakterizasyonu**  
AYAN A., URAL K., ALDEMİR O. S. , TUTUN H.  
Mehmet Akif Ersoy Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.5, no.2, pp.78-84, 2017 (International Refereed University Journal)
- XXVII. **Oğlaklarda Giardiazis Kontrolüne Yönelik Oral Klinoptilolit Uygulaması**  
Alıç Ural D., Erdoğan H., Toplu S., Ayan A.  
Kocatepe Veterinary Journal, vol.10, no.3, pp.158-163, 2017 (National Refreed University Journal)
- XXVIII. **Traditional Approaches in the using of Hayit Honey in the Support Therapy of Some Gynecological Problems in Women**  
Selamoğlu Z., Aldemir O. S. , Ayan A.  
Research & Reviews: Research Journal of Biology, vol.5, no.1, pp.33-35, 2017 (Refereed Journals of Other Institutions)
- XXIX. **Natural Cyst Shedding in Calves Infected with Giardia Duodenalis**  
Ayan A., Ural K., Aysul N., Gültekin M., Erdoğan H., Balıkçı C., Toplu S., Toros G.  
Journal of Advances in VetBio Science and Techniques, vol.1, no.1, pp.14-19, 2016 (Refereed Journals of Other Institutions)
- XXX. **Giardia spp. İle Doğal İnfekte Buzagalılarda Hipomagnezemi**  
Toplu S., Ural K., Aysul N., Ayan A., Gültekin M., Balıkçı C.  
Kocatepe Veterinary Journal, vol.9, no.4, pp.386-390, 2016 (National Refreed University Journal)
- XXXI. **Melatonin Implant for Treatment of Generalized and Localized Alopecia in Dogs**  
Ural K., Balıkçı C., Karademir Ü., Gültekin M., Akn İ., Ayan A.  
Animal Health, Production and Hygiene, vol.4, no.1, pp.359-363, 2015 (National Refreed University Journal)
- XXXII. **Secnidazol Treatment to Improve Milk Yield in Sheep with Giardiasis**  
Alıç Ural D., Ayan A., Aysul N., Balıkçı C., Ural K.  
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.9, no.2, pp.74-82, 2014 (National Refreed University Journal)
- XXXIII. **The First Case of Otomyiasis Caused by Sarcophaga spp. (Diptera; Sarcophagidae) Larvae in a Goose in the World**  
Aldemir O. S. , Şimşek E., Ayan A.  
Türkiye Parazitoloji Dergisi, vol.38, pp.211-213, 2014 (Other Refereed National Journals)

## Books & Book Chapters

- I. **BUZAĞILARDA KRİPTOSPORİDİYOZİS**  
Ayan A., Ertaş F.  
in: SAĞLIK BİLİMLERİNDE ARAŞTIRMA VE DEĞERLENDİRMELER - II, Prof. Dr. Cem Evereklioğlu, Editor, Gece Kitaplığı, Ankara, pp.161-177, 2021
- II. **Fungal Diseases and Therapy in Dogs**  
Tutun H., Sababağlı E., Ayan A., Sevindik M.  
in: Fungal Diseases in Animals, Arti Gupta, Nagendra Pratap Singh, Editor, Springer, Cham, Geneve, pp.105-126, 2021
- III. **Bal Arısı Hastalıkları**  
Ayan A., Aldemir O. S.  
in: Sağlıkın Korunması ve Geliştirilmesi 2, Doç. Dr. Nilgün Ulutaşdemir, Öğr. Gör. Ayşe ELKOCA, Editor, İksad Publishing House, Ankara, pp.231-254, 2020
- IV. **Varroa ile Mücadele Yöntemleri**  
Ayan A., Aldemir O. S., Oruç Kılınç Ö.  
in: Sağlık Bilimlerinde Teori ve Araştırmalar II, Prof. Dr. Cem Evereklioğlu, Editor, Gece Kitaplığı, Ankara, pp.301-320, 2020
- V. **Sivrisinek Sokması**  
Ayan A., Oruç Kılınç Ö.  
in: Sağlık Bilimlerinde Teori ve Araştırmalar II, Prof. Dr. Cem Evereklioğlu, Editor, Gece Kitaplığı, Ankara, pp.1-16, 2020
- VI. **TÜRKİYE'DE ANTELMİNTİK ETKİLİ BİTKİLER**  
TUTUN H., Ayan A.  
in: Tıp Bilimlerinde Farklı Bakışlar, Şimşek A, Toptan M., Editor, Iksad Publishing House, Ankara, pp.285-313, 2019
- VII. **PARAZİTOLOJİDE KULLANILAN MOLEKÜLER TEŞHİS YÖNTEMLERİ**  
Ayan A.  
in: Sağlık Bilimleri Alanında Yeni Ufuklar, Albayrak L, Açıköz Ö, Gökçen E., Editor, Gece Kitaplığı, Ankara, pp.11-24, 2019
- VIII. **Veteriner İlaçlarının Hayvanlarda İstenmeyen Etkileri**  
Erdoğan H., Gültekin M., Erdoğan S., Ayan A., Ural K.  
in: Türkiye Klinikleri Veteriner Bilimleri-Farmakoloji ve Toksikoloji - Özel Konular, Veteriner Farmakovijilans, Sekkin Selim, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.40-44, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Anthelmintic resistance in Trichostrongylus**  
Oruç Kılınç Ö., Ayan A., Öner A. C., Oktay Ayan Ö., Öner A.  
International Congress (Webinar) on Life Sciences Life Sciences Virtual 2021, Pennsylvania, United States Of America, 27 - 28 January 2021, pp.35
- II. **Prevalance of Cryptosporidium spp. in Anatolian buffalo Calves in Kütahya Region in Turkey**  
Ayan A.  
International Congress (Webinar) on Life Sciences Life Sciences Virtual 2021, Pennsylvania, United States Of America, 27 - 29 January 2021, pp.34
- III. **Respiratory System and Diseases in Reptiles**  
Öner A., Öner A. C., Ayan A., Oktay Ayan Ö., Oruç Kılınç Ö.  
International Congress (Webinar) on Life Sciences Life Sciences Virtual 2021, Pennsylvania, United States Of America, 27 - 28 January 2021, pp.30
- IV. **Prevalance of Giardia duodenalis in Anatolian Buffalos Calves in Kütahya Region in Turkey**  
Ayan A., Erol U., İleri M., Oruç Kılınç Ö., Oktay Ayan Ö., Öner A., Öner A. C.

International Congress (Webinar) on Life Sciences Life Sciences Virtual 2021, Pennsylvania, United States Of America, 27 - 28 January 2021, pp.31

- V. **Prevalence of Giardia duodenalis in Lambs in Siirt Region**  
Ayan A., Aslan Çelik B., Oktay Ayan Ö., İleri M., Kaylan Y., Kaştan S., Ucaçelik M. Y. , Kanbay E. R.  
Karadeniz 3. Uluslararası Uygulamalı Bilimler Kongresi, Ordu, Turkey, 25 - 26 April 2020, pp.26-27
- VI. **Prevalance of Cryptosporidium spp. in Calves in Siirt Region**  
Ayan A., Aslan Çelik B., Oktay Ayan Ö., İleri M., Kaştan S., Kanbay E. R. , Kaylan Y., Yılmaz Ucaçelik M.  
Karadeniz 3. Uluslararası Uygulamalı Bilimler Kongresi, Ordu, Turkey, 25 - 26 April 2020, pp.24-25
- VII. **Prevalance of Cryptosporidium spp. in Lambs in Siirt Region**  
Ayan A., Aslan Çelik B., Oktay Ayan Ö., İleri M., Kaylan Y., Ucaçelik M. Y. , Kanbay E. R.  
Karadeniz 3. Uygulamalı Bilimler Kongresi, Ordu, Turkey, 25 - 26 April 2020, pp.20-21
- VIII. **Prevalence of Cryptosporidium spp. in Dogs in Siirt Region**  
Ayan A., İleri M.  
Karadeniz 3. Uluslararası Uygulamalı Bilimler Kongresi, Ordu, Turkey, 25 - 26 April 2020, pp.28
- IX. **The Prevalence of Giardia duodenalis in Calves in Siirt Region**  
Ayan A., Aslan Çelik B., Oktay Ayan Ö., İleri M., Kaştan S., Kanbay E. R. , Kaylan Y., Ucaçelik M. Y.  
Karadeniz 3. Uygulamalı Bilimler Kongresi, Ordu, Turkey, 25 - 26 April 2020, pp.22-23
- X. **VAN BÖLGESİNDEKİ BUZAĞILARDA BULUNAN Toxocara vitulorum'un YAYGINLIĞI**  
Ayan A.  
3. ULUSLARARASI TARIM, HAYVANCILIK ve KIRSAL KALKINMA KONGRESİ, Van, Turkey, 20 - 22 December 2019, pp.911-916
- XI. **BUZAĞI İSHALLERİNDE CRYPTOSPORİDİOSİS'İN ÖNEMİ**  
Ayan A., Orunçkılınç Ö.  
3. ULUSLARARASI TARIM, HAYVANCILIK ve KIRSAL KALKINMA KONGRESİ, Van, Turkey, 20 - 22 December 2019, pp.917-920
- XII. **KOYUN YETİŞTİRİCİLİĞİNDE PARAZİTER HASTALIKLARIN ÖNEMİ**  
Orunçkılınç Ö., Ayan A.  
3. ULUSLARARASI TARIM, HAYVANCILIK ve KIRSAL KALKINMA KONGRESİ, Van, Turkey, 20 - 22 December 2019, pp.411-419
- XIII. **Field study regarding spatial distribution of cryptosporidium infection among Eagean Region calves**  
Ayan A., Türk E., Ural K., Erdoğan H., Erdoğan S., Gültekin M., Özalp T., Gül G.  
2. Uluslararası - 13. Ulusal Veteriner İç Hastalıkları Kongresi, Ankara, Turkey, 11 - 13 October 2019, pp.171-173
- XIV. **Development of Specific Egg Yolk Immunoglobulins To Inhibit In-Vitro Growth Of Staphylococcus aureus Causing Mastitis in Bovines**  
Ahmad T., Hussain T., Rahman S., Muhammad G., Ayan A., Ahmad E., Bilal M. Q.  
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## Scientific Refereeing

Journal of Advances in VetBio Science and Techniques, Other Indexed Journal, December 2018

## Citations

Total Citations (WOS):11

h-index (WOS):2