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### Research Areas

Life Sciences, Neurobiology, Natural Sciences

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

- I. **Therapeutic effects of vitamin D and IL-22 on methotrexate-induced mucositis in mice**  
YILMAZ E., Azizoglu Z. B., Aslan K., Erdem S., Haliloglu Y., Suna P. A., Yay A. H., DENİZ K., TAŞDEMİR A., PER S., et al.  
ANTI-CANCER DRUGS, vol.33, no.1, pp.11-18, 2022 (SCI-Expanded)
- II. **The effect of serotonin on penicillin-induced epileptiform activity**  
Taşkıran M., Tasdemir A., Ayyıldız N., Ayyıldız M., Agar E.  
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.129, no.7, pp.687-697, 2019 (SCI-Expanded)
- III. **Effects of low and high doses of acetylsalicylic acid on penicillin-induced epileptiform activity**  
Tasdemir A., TAŞKIRAN M., AYYILDIZ N.  
PHARMACOLOGICAL REPORTS, vol.70, no.5, pp.885-889, 2018 (SCI-Expanded)
- IV. **Acute effects of aceclofenac, COX-2 inhibitor, on penicillin-induced epileptiform activity**  
TAŞKIRAN M., Tasdemir A., AYYILDIZ N.  
BRAIN RESEARCH BULLETIN, vol.130, pp.42-46, 2017 (SCI-Expanded)
- V. **Effects of Cornus mas L. And Morus rubra L. extracts on penicillin-induced epileptiform activity: An electrophysiological and biochemical study**  
Tubas F., Per S., Tasdemir A., BAYRAM A. K., YILDIRIM M., UZUN A., SARAYMEN R., GÜMÜŞ H., Elmali F., PER H.  
Acta Neurobiologiae Experimentalis, vol.77, no.1, pp.45-56, 2017 (SCI-Expanded)
- VI. **Cytogenetic damage of radiotherapy in long-term head and neck cancer survivors.**  
UNAL D., KIRAZ A., AVCI D., TASDEMİR A., UNAL T. D., Cagli S., EROGLU C., YÜCE İ., OZCAN I., KAPLAN B.  
International journal of radiation biology, vol.92, pp.364-70, 2016 (SCI-Expanded)
- VII. **Effect of 5-HT2a Receptor Agonist DOI on Epileptiform Activity**  
TAŞKIRAN M., TAŞDEMİR A., Ayyildiz M., Agar E., AYYILDIZ N.  
ACTA PHYSIOLOGICA, vol.215, pp.96, 2015 (SCI-Expanded)
- VIII. **The involvement of iNOS activity in the anticonvulsant effect of grape seed extract on the penicillin-induced epileptiform activity in rats**  
PER S., Tasdemir A., Yildirim M., Ayyildiz M., AYYILDIZ N., Agar E.  
ACTA PHYSIOLOGICA HUNGARICA, vol.100, no.2, pp.224-236, 2013 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Bibliometric and scientometric analysis of acarological publications in Türkiye between the years 1992-2023**  
Mumcuoğlu K. Y., Bayrak N., Şenel E., Keskin A., Taşdemir A., Taylan Özkan A.  
Acarological Studies, vol.6, no.2, pp.112-123, 2024 (Peer-Reviewed Journal)
- II. **New records of oribatid mites (Acari, Oribatida) for the Turkish fauna**  
AYYILDIZ N., TOLUK A., TAŞDEMİR A., PER S.  
Türkiye Entomoloji Bülteni, vol.7, no.3, pp.221-226, 2018 (Peer-Reviewed Journal)
- III. **Two new records of the genera Cepheus C.L. Koch, 1835 and Caleremaeus Berlese, 1910 (Acari: Oribatida) from Turkey, with notes on their distribution and ecology**  
TOLUK A., AYYILDIZ N., TAŞKIRAN M., TAŞDEMİR A.  
TÜRK ENTOMOLOJİ BÜLTENİ, vol.1, no.3, pp.145-150, 2011 (Peer-Reviewed Journal)
- IV. **Rekürren sol atriyal miksoma**  
Taşdemir K., KAYA M. G., Şarlı B., Taşdemir A., Ceyran H.  
İstanbul Üniversitesi Kardiyoloji Enstitüsü Dergisi, vol.7, no.1, pp.20-22, 2008 (Peer-Reviewed Journal)
- V. **Yozgat Çamlığı Milli Parkı'ndan Türkiye Faunası için yeni bir oribatid akar (Acari, Oribatida) türü: Hermanniella punctulata Berlese, 1908**  
TOLUK A., AYYILDIZ N., PER S., TAŞDEMİR A., KOÇOĞLU E.  
Türk Entomoloji Dergisi, vol.30, no.4, pp.275-283, 2006 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Akarların Taşınma Şekilleri**  
Doğan S., Taşdemir A., Özbek H. H.  
in: Genel Akaroloji, Salih Doğan, Sebahat K. Özman-Sullivan, Editor, Nobel Yayınevi, Ankara, pp.391-406, 2023
- II. **Öğrenme**  
Taşdemir A.  
in: Hayvan Davranışı, Nusret AYYILDIZ, Editor, Nobel Yayın Dağıtım, Ankara, pp.125-150, 2015

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effect on the Histological Parameters of the Pelargonium sidoides Root Extract EPs7630 in the Methotrexate-induced Mucositis**  
Zoroğlu R., Bolat D., Yay A. H., Taşdemir A., Ayyıldız N.  
VI. The International Conference on Natural Sciences and Technologies , Antalya, Turkey, 30 May - 01 June 2024, pp.21
- II. **EFFECT OF HYALURONIC ACID ON PENICILLIN-INDUCED EXPERIMENTAL EPILEPSY**  
Oğuz Z., Taşdemir A.  
ASES II. INTERNATIONAL KAYSERİ SCIENTIFIC RESEARCH CONFERENCE, Kayseri, Turkey, 26 January - 28 March 2024, pp.149-150
- III. **Nothrus silvestris Nicolet, 1855 (Acari, Oribatida)'te Kitin Varlığının Doğrulanması**  
Taşdemir A., Kılıç Dokan F., Per S., Zoroğlu R.  
5.Ulusal Zooloji Kongresi, Bursa, Turkey, 2 - 03 December 2022, pp.10
- IV. **Known and Unknown Records of Oribatid Mites (Acari) from Mersin Province, Turkey**  
TOLUK A., Taşdemir A., AKİN A. T., AYYILDIZ N.  
Ecology Symposium 2017, Kayseri, Turkey, 11 - 13 May 2017, pp.217
- V. **The relationship between female body size and egg number and size of Acrotritia ardua (Koch, 1841) (Acari, Oribatida, Euphthiracaridae)**  
BİNGÜL M., TAŞDEMİR A., ZEYTUN E., DOĞAN S., AYYILDIZ N.  
8th Symposium of the European Association of Acarologists, Valencia, Spain, 11 - 15 July 2016, pp.88

- VI. **New and Known Records of Oribatid Mites (Acari) from the Yedigöller National Park (Bolu, Turkey)**  
TOLUK A., TAŞDEMİR A., PER S., AYYILDIZ N.  
Symposium on EuroAsian Biodiversity (SEAB-2016), Antalya, Turkey, 23 - 27 May 2016, pp.358
- VII. **Some Oribatid Mites (Acari) from the Harşit Valley (Turkey)**  
AYYILDIZ N., TOLUK A., TAŞDEMİR A., TAŞKIRAN M., ARIK B.  
Symposium on EuroAsian Biodiversity (SEAB-2016), Antalya, Turkey, 23 - 27 May 2016, pp.497
- VIII. **Yozgat Çamlığı Milli Parkı'ndan Kaydedilmiş Oribatid Akarlar (Acari, Oribatida)**  
TOLUK A., TAŞDEMİR A., AYYILDIZ N.  
Uluslararası Bozok Sempozyumu, Yozgat, Turkey, 5 - 07 May 2016, pp.54-55
- IX. **Oribatid mites (Acari, Oribatida) new to the Turkish fauna**  
AYYILDIZ N., TOLUK A., Taşdemir A., Per S.  
Symposium on EuroAsian Biodiversity (SEAB-2015), Baku, Azerbaijan, 1 - 05 June 2015, pp.114
- X. **5-HT2 Reseptör Antagonisti Metiserjid'in Penisilinle Uyarılan Epileptiform Aktiviteye Etkisi**  
TAŞKIRAN M., Taşdemir A., Ayyıldız M., Ağar E., AYYILDIZ N.  
40.Ulusal Fizyoloji Kongresi, Kayseri, Turkey, 2 - 06 September 2014, pp.175
- XI. **Türkiye Akar Faunası İçin Erciyes Dağı'ndan Yeni Bir Kayıt: Tectocepheus velatus alatus (Acari: Tectocepheidae)**  
PER S., TAŞDEMİR A., AYYILDIZ N.  
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.1126
- XII. **Nörofizyolojide Deneysel Epilepsi ve Penisilin**  
Taşdemir A., Per S., TAŞKIRAN M., AYYILDIZ N.  
I. Ulusal Zooloji Kongresi, Nevşehir, Turkey, 28 - 31 August 2013, pp.108
- XIII. **Kanabinoid ve Pridoksin Etkileşiminin Penisilinle Oluşturulan Epileptiform Aktiviteye Etkisi**  
TAŞDEMİR A., PER S., YILDIRIM M., AYYILDIZ M., AĞAR E., AYYILDIZ N.  
38. Ulusal Fizyoloji kongresi, Trabzon, Turkey, 25 - 29 September 2012, pp.124
- XIV. **Artvin ilinden Türkiye faunası için yeni oribatid akarlar (Acari, Oribatida)**  
TOLUK A., AYYILDIZ N., TAŞKIRAN M., TAŞDEMİR A.  
20. ULUSAL BİYOLOJİ KONGRESİ, Denizli, Turkey, 21 - 25 June 2010, pp.823

## Supported Projects

AYYILDIZ N., TAŞKIRAN M., TAŞDEMİR A., AĞAR E., AYYILDIZ M., Project Supported by Higher Education Institutions, Serotonin Penisilinle Uyarılan Epileptiform Aktiviteye Etkisi, 2012 - 2016

PER H., UZUN A., SARAYMEN R., TUBAŞ F., TAŞDEMİR A., PER S., GÜMÜŞ H., Project Supported by Higher Education Institutions, DUT VE KIZILCIK EKSTRELERİNİN PENİSİLİN İLE UYARILAN EPİLEPTİFORM AKTİVİTEYE ETKİSİ, 2012 - 2013

## Metrics

Publication: 33

Citation (WoS): 50

Citation (Scopus): 47

H-Index (WoS): 5

H-Index (Scopus): 4