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ASSOC. PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAJ-9263-2021

Yoksis Researcher ID: 44034



Learning Knowledge

Doctorate
2008 - 2014

Inonu University, Sağlık Bilimleri Enstitüsü, Tıbbi Mikrobiyoloji Abd, Turkey

Postgraduate
2005 - 2007

Inonu University, Sağlık Bilimleri Enstitüsü, Tıbbi Mikrobiyoloji Abd, Turkey

Undergraduate
2000 - 2004

Ege University, Faculty Of Science, Biyoloji Bölümü, Turkey

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Multiple sclerosisli hastalarda Borrelia burgdorferi antikorlarının araştırması, İnönü Üniversitesi, İnönü Üniversitesi, Tıbbi Mikrobiyoloji Abd, 2014

Postgraduate, Mycoplasmaların Hamile Kadınlarda Mikrobiyolojik Profili, İnönü Üniversitesi, Sağlık Bilimleri Fakültesi, Tıbbi Mikrobiyoloji Abd, 2007

Academic Titles / Tasks

Associate Professor
2021 - Continues

Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri

Assistant Professor
2018 - 2021

Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri

Supported Projects

1. CAN SEZGİN G., İLDİZ N., ÖÇSOY İ., ÇELİK Ç., GÜRSOY Ş., Project Supported by Higher Education Institutions, Helicobacter pylori Tanısında Antosiyanın İçerikli Yerli Hızlı ve Hassas Üreaz Testi Geliştirilmesi, Biyopsi Numuneleri Uygulanması ve Patoloji ile Takip Edilmesi, 2022 - Continues
2. PASHAYEVA L., İLDİZ N., ÖNAL İ., Project Supported by Higher Education Institutions, Morus nigra L. içerikli Geleneksel Bitkisel Tıbbi Ürün Geliştirilmesi, 2021 - Continues
3. Sağıroğlu P., Öçsoy İ., İldız N., Atalay M. A., Çelik Ç., Arslan Öçsoy M., TUBİTAK Project, KLİNİKTE KULLANILMAK ÜZERE DOĞAL VE SENTETİK ANTOSİYANİN MOLEKÜLLERİNDEN YERLİ, HASSAS, HIZLI VE EKONOMİK FENOTİPİK ANTİBİYOTİK DİRENÇ TESTLERİNİN GELİŞTİRİLMESİ, 2022 - 2024
4. Öçsoy İ., Atalay M. A., İldız N., Sağıroğlu P., Arslan Öçsoy M., TUBİTAK Project, Yerli ve Biyoyumlu Enfeksiyon Göstergelerinin Geliştirilmesi ve Yaşlı,Hasta ve Bebek için Fonksiyonel Bezlerin Üretilmesi, 2021 - 2023
5. Üstün Y., Öçsoy İ., İldız N., Aslan T., Kahraman Ö., TUBİTAK Project, Kırmızı Lahana Ekstresinden Sentezlenen Gümüş Nano Partiküllerin Çeşitli Endodontik Patojenler Üzerindeki Etkinliklerinin Değerlendirilmesi, 2021 - 2022
6. İldız N., Can Sezgin G., Öçsoy İ., TUBİTAK Project, Pozitif Yüklü Antosiyanın@Altın Nanopartiküllerin (Anth@Au Np) Helicobacter Pylori'nin Hızlı Tanısında Sistemik Kullanımı, 2021 - 2022
7. İLDİZ N., KESKİN S., Project Supported by Higher Education Institutions, Beta Glukosidaz Enziminden Organik inorganik Nanokompozitlerin Filtre Yüzeyinde ve Sıvı Ortamda Sentezi ve Oluşum Mekanizmasının İncelenmesi, 2020 - 2022
8. İLDİZ N., ÇİMEN B., KARAMAN Ü., İNCE U., ÇELİK Ç., ÖNAL İ., ÖÇSOY İ., BALDEMİR A., Project Supported by Higher Education Institutions, Antosiyanın Zengin Meyve Ekstrelerinden Çiçek Benzeri Şekli Hibrit Nano Yapıların Sentezlenmesi, Karakterizasyonu, Katalitik Aktivitesi, Antibakteriyel, Antibiyofilm ve Antiparaziter Etkilerinin Araştırılması, 2019 - 2022
9. Çimen B., Yılmaz V., İldız N., Taşdemir D., Çimen L., Öçsoy İ., Project Supported by Higher Education Institutions, Taurin ve taurin nanokompozitlerin, antimikrobiyal, antioksidan ve katalitik aktivitelerinin ve sisplatin nefrotoksitesine üzerine koruyucu etkilerinin araştırılması, 2019 - 2021
10. ÜSTÜN Y., ASLAN T., İLDİZ N., KAĞDAĞ Ö., TAŞDEMİR D., Project Supported by Higher Education Institutions, EDTA ve Tripsinden çiçek şekilli nano kompozitlerin sentezi enzim benzeri aktivitelerinin ve etkin antimikrobiyal özelliklerinin Enterococcus faecalis ve Candida albicans mikroorganizmaları üzerinde incelenmesi, 2018 - 2021
11. İLDİZ N., ÇELİK Ç., ÖÇSOY İ., ÇİMEN B., Project Supported by Higher Education Institutions, Bakteriyel selüloz kullanılarak organik-inorganik hibrit nano yapıların sentezi katalitik aktivitelerinin incelenmesi, 2019 - 2020
12. ÖÇSOY İ., BALDEMİR A., ÇELİK Ç., DEMİRBAŞ A., ARSLAN ÖÇSOY M., KATI A., İLDİZ N., YILMAZ V., TAŞDEMİR D., ÇİMEN B., Project Supported by Higher Education Institutions, Nanoflower Sentezi ile Enzim Enkapsülasyonu ve Performansta Yüksek Bitki Ekstresi Katkılı Granüle Enzim Oluşturulması, 2018 - 2020
13. BALDEMİR KILIÇ A., İLDİZ N., YUSUFBEYOĞLU S., Project Supported by Higher Education Institutions, Safran Crocus sativus L ekstresi ve ana bileşenlerinden çiçek şekilli hibrit yapıların sentezlenmesi ve bu yapıların antimikrobiyal ve peroksidaz benzeri aktivitelerinin değerlendirilmesi, 2018 - 2019
14. ÖÇSOY İ., YILMAZ V., ÜLGEN A., İLDİZ N., DEMİRBAŞ A., ARSLAN ÖÇSOY M., TAŞDEMİR D., ÇELİK Ç., Project Supported by Higher Education Institutions, Model Protein Enzim ve Bitki Ekstresi Bileşenlerinden Çiçek Benzeri Şekli Hibrit Nano Yapıların Sentezlenmesi ve Organik Çözücülere Yüksek Sıcaklıklara Dayanıklılığının Araştırılması ve Antimikrobiyal Antioksidan Özelliklerinin İncelenmesi, 2017 - 2019

15. YILMAZ V., ÖÇSOY İ., İLDİZ N., ÇİMEN B., BALDEMİR A., Project Supported by Higher Education Institutions, Bazı Vitamin, Protein ve Karbohidrat Biyomoleküller Kullanılarak Organik-İnorganik Hibrit Nanokompozitlerin Sentezlenmesi, Katalitik, Antioksidan ve Antibakteriyel Aktivite Özelliklerinin İncelenmesi, 2016 - 2019
16. İLDİZ N., İNCE U., Project Supported by Higher Education Institutions, Çeşitli Kozmetik Ürünlerde Koruyucuların Etkinliklerinin Saptanması ve Mikrobiyal Kontaminasyon, 2017 - 2018
17. ÖÇSOY İ., YILMAZ V., İLDİZ N., Project Supported by Higher Education Institutions, DNA Aptamer Konjuge Manyetik Grafen Oksidin Sentezlenmesi ve Metisilin Dirençli Staphylococcus Aureusun Öldürülmesi İçin Fototermal Ajan Olarak Kullanılması, 2017 - 2018
18. YILMAZ V., BALDEMİR A., ÖÇSOY İ., İLDİZ N., Project Supported by Higher Education Institutions, Mor Havuç Bitkisi Ekstraktı Kullanılarak Yeşil Kimya Yöntemi ile Altın Nanopartiküllerin Biyosentezi Karakterizasyonu ve Antibakteriyel Özelliğinin İncelenmesi, 2016 - 2018
19. BALDEMİR KILIÇ A., İLDİZ N., KARAMAN Ü., Project Supported by Higher Education Institutions, Pelinotu (*Artemisia absinthium L.*) örneklerinin biyolojik aktiviteleri ve Avrupa Farmaopesi 6.0'a uygunluklarının araştırılması, 2016 - 2017
20. BALDEMİR KILIÇ A., ŞAM N., İLDİZ N., KOŞAR M., Project Supported by Higher Education Institutions, Türkiyede Doğal Olarak Yetişen *Helianthemum canum L Baumg Türü* Üzerinde Farmasötik Botanik Yönünden Araştırmalar, 2015 - 2016

Jury Memberships

Post Graduate, Tez Savunma, Yüksek lisans tez savunma jürisi, December, 2018

Post Graduate, Yüksek lisans tez savunma, Yüksek lisans tez savunma jürisi, September, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Evaluation of the antibacterial activity of dental adhesive containing biogenic silver nanoparticles decorated nanographene oxide nanocomposites (Ag@nGO NCs) and effect on bond strength to dentine**
ARSLAN S., Ekrikaya S., İLDİZ N., Yusufbeyoglu S., ÖÇSOY İ.
Odontology, vol.112, no.2, pp.341-354, 2024 (SCI-Expanded)
2. **Red cabbage extract-mediated colorimetric sensor for swift, sensitive and economic detection of urease-positive bacteria by naked eye and Smartphone platform**
Celik C., Demir N. Y., DUMAN M., İLDİZ N., ÖÇSOY İ.
Scientific Reports, vol.13, no.1, 2023 (SCI-Expanded)
3. **Development of a Colorimetric Urease Test Based on Au NPS Capped with Anthocyanin for the Rapid Detection of Helicobacter pylori through Multiple Readouts**
Sezgin G. C., Tekin Y. E., Calim B., Celik C., Alrifai W., Temur N., İldiz N., ÖÇSOY İ.
ChemistrySelect, vol.8, no.27, 2023 (SCI-Expanded)
4. **Nanoflower synthesis formed at different pH based on Crocus sativus L. (Crocus stigma, saffron) extract and its major components: a new approach for enhancing antioxidant, antimicrobial and catalytic activities**
Baldemir Kılıç A., İLDİZ N., Yusufbeyoğlu S., ÖÇSOY İ.
Inorganic and Nano-Metal Chemistry, 2023 (SCI-Expanded)
5. **Synthesis of taurine-Cu-3(PO₄)(2) hybrid nanoflower and their peroxidase-mimic and antimicrobial properties**
Yilmaz S. G., DEMİRBAŞ A., Karaagac Z., Dadi S., Celik C., Yusufbeyoglu S., İLDİZ N., Mandal A. K., ÇİMEN B., ÖÇSOY İ.
JOURNAL OF BIOTECHNOLOGY, vol.343, pp.96-101, 2022 (SCI-Expanded)
6. **Investigation of ellagic acid rich-berry extracts directed silver nanoparticles synthesis and their antimicrobial properties with potential mechanisms towards Enterococcus faecalis and Candida**

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Ekrikaya S., Yilmaz E., Celik C., Demirbuga S., Ildiz N., Demirbas A., Ocsoy I.
JOURNAL OF BIOTECHNOLOGY, vol.341, pp.155-162, 2021 (SCI-Expanded)

7. **A facile and one-pot aqueous phase transfer of oleylamine capped Au NP with aminophenylboronic acid used as transfer and targeting ligand**
Karaagac Z., Yusufbeyoglu S., ILDIZ N., Sellami H., ÖÇSOY İ.
ENZYME AND MICROBIAL TECHNOLOGY, vol.148, 2021 (SCI-Expanded)
8. **DNA Aptamer-Conjugated Magnetic Graphene Oxide for Pathogenic Bacteria Aggregation: Selective and Enhanced Photothermal Therapy for Effective and Rapid Killing**
Ocsoy M. A., Yusufbeyoglu S., ILDIZ N., ÜLGEN A., ÖÇSOY İ.
ACS OMEGA, vol.6, no.31, pp.20637-20643, 2021 (SCI-Expanded)
9. **Novel Anthocyanin-Based Colorimetric Assay for the Rapid, Sensitive, and Quantitative Detection of Helicobacter pylori**
Celik C., CAN SEZGİN G., Kocabas U. G., GÜR SOY Ş., ILDIZ N., Tan W., ÖÇSOY İ.
ANALYTICAL CHEMISTRY, vol.93, no.15, pp.6246-6253, 2021 (SCI-Expanded)
10. **Exogenous pulmonary surfactant: a review focused on adjunctive therapy for SARS CoV-2 including SP-A and SP-D as added clinical marker.**
Ghati A., Dam P., Tasdemir D., Kati A., Sellami H., Sezgin G. C., Ildiz N., Franco O. L., Mandal A. K., Ocsoy I.
Current opinion in colloid & interface science, vol.51, 2021 (SCI-Expanded)
11. **Silver Nanoparticles Biosynthesized from Vaccinium myrtillus L. against Multiple Antibiotic Resistance and Biofilm Forming Escherichia coli and Pseudomonas aeruginosa**
ILDIZ N., Korkmaz F., Yusufbeyoglu S., Kilic A. B., ÖÇSOY İ.
INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH, vol.55, no.1, 2021 (SCI-Expanded)
12. **Simultaneous use of phenylboronic acid as a phase transfer agent and targeting ligand for gold nanoparticles**
Karaagac Z., Onal I., Ildiz N., Öçsoy İ.
MATERIALS LETTERS, vol.280, 2020 (SCI-Expanded)
13. **Preparation of nature inspired indicator based agar for detection and identification of MRSA and MRSE**
Celik C., Ildiz N., Sağıroğlu P., Atalay M. A., Yazıcı C., Öçsoy İ.
TALANTA, vol.219, 2020 (SCI-Expanded)
14. **Can concomitant use of zinc and curcumin with other immunity-boosting nutraceuticals be the arsenal against COVID-19?**
Roy A., Sarkar B., Celik C., Ghosh A., Basu U., Jana M., Jana A., Gençay Göksu A., Can Sezgin G., Ildiz N., et al.
PHYTOTHERAPY RESEARCH, vol.34, pp.2425-2428, 2020 (SCI-Expanded)
15. **Transfer of hydrophobic colloidal gold nanoparticles to aqueous phase using catecholamines**
Karaagac Z., Gul O. T., ILDIZ N., ÖÇSOY İ.
JOURNAL OF MOLECULAR LIQUIDS, vol.315, 2020 (SCI-Expanded)
16. **Preparation of natural indicator incorporated media and its logical use as a colorimetric biosensor for rapid and sensitive detection of Methicillin-resistant Staphylococcus aureus**
Celik C., ILDIZ N., Kaya M. Z., Kilic A. B., ÖÇSOY İ.
ANALYTICA CHIMICA ACTA, vol.1128, pp.80-89, 2020 (SCI-Expanded)
17. **One step preparation of stable gold nanoparticle using red cabbage extracts under UV light and its catalytic activity**
Unal I. S., Demirbas A., Onal I., Ildiz N., Öçsoy İ.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.204, 2020 (SCI-Expanded)
18. **Building block and rapid synthesis of catecholamines-inorganic nanoflowers with their peroxidase-mimicking and antimicrobial activities.**
Celik C., Ildiz N., Öçsoy İ.
Scientific reports, vol.10, pp.2903, 2020 (SCI-Expanded)
19. **Preparation of biocompatible and stable iron oxide nanoparticles using anthocyanin integrated**

hydrothermal method and their antimicrobial and antioxidant properties

Demirbas A., Kislakci E., Karaagac Z., Onal I., ILDIZ N., ÖÇSOY İ.

MATERIALS RESEARCH EXPRESS, vol.6, no.12, 2019 (SCI-Expanded)

20. **Amebicidal effects of fenugreek (*Trigonella foenum-graecum*) against *Acanthamoeba* cysts**
Kaya Y., Baldemir A., Karaman U., ILDIZ N., Arici Y. K., Kacmaz G., Koloren Z., KONCA Y.
FOOD SCIENCE & NUTRITION, vol.7, no.2, pp.563-571, 2019 (SCI-Expanded)
21. **PHYTOCHEMICAL COMPOSITION OF CORIANDRUM SATIVUM L. (CORIANDER) SEEDS AND ANTIBACTERIAL EFFECTS ON LAYING HENS**
Ildiz N., Kilic A., Konca Y.
JOURNAL OF ANIMAL AND PLANT SCIENCES, vol.28, no.6, pp.1615-1621, 2018 (SCI-Expanded)
22. **A New Strategy for Enhancing *Acanthamoeba* Activity with Synthesis of Nanoflower of *Laurocerasus officinalis* Roemer (Cherry laurel) Fruit Extracts**
Baldemir A., Karaman U., YUSUFBEYOĞLU S., EKEN A., ILDIZ N., İLGÜN S., ÇOLAK C., Kacmaz G., ÖÇSOY İ., Cankaya S.
MIKROBIYOLOJİ BÜLTENİ, vol.52, no.1, pp.56-71, 2018 (SCI-Expanded)
23. **Anthocyanins-rich berry extracts directed formation of Ag NPs with the investigation of their antioxidant and antimicrobial activities**
Demirbaş A., YILMAZ V., ILDIZ N., Baldemir A., ÖÇSOY İ.
JOURNAL OF MOLECULAR LIQUIDS, vol.248, pp.1044-1049, 2017 (SCI-Expanded)
24. **DNA aptamer functionalized gold nanostructures for molecular recognition and photothermal inactivation of methicillin-Resistant *Staphylococcus aureus***
ÖÇSOY İ., Yusufbeyoğlu S., YILMAZ V., MCLAMORE E. S., ILDIZ N., ÜLGEN A.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.159, pp.16-22, 2017 (SCI-Expanded)
25. **INVESTIGATION OF IN VITRO ANTIBACTERIAL ACTIVITY AGAINST CARBAPENEM RESISTANT STRAINS OF *ARTEMISIA ABSINTHIUM* L., *A. LUDOVICIANA* NUTT. AND *A. VULGARIS* L. (ASTERACEAE) EXTRACT AND ESSENTIAL OILS**
BALDEMİR A., ILDIZ N., Karaman Ü., Eker A. E., İnce U.
Sağlık Bilimleri Dergisi, vol.26, pp.94-98, 2017 (SCI-Expanded)
26. **Self assembled snowball-like hybrid nanostructures comprising *Viburnum opulus* L. extract and metal ions for antimicrobial and catalytic applications**
ILDIZ N., Baldemir A., Altınkaynak C., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
ENZYME AND MICROBIAL TECHNOLOGY, vol.102, pp.60-66, 2017 (SCI-Expanded)
27. **Phytochemical Profile and Biological Activities of *Helianthemum canum* l. baumg. from Turkey**
Baldemir A., Gökşen N., ILDIZ N., Karatoprak G., Koşar M.
CHEMISTRY & BIODIVERSITY, vol.14, no.7, 2017 (SCI-Expanded)
28. **Green synthesis with incorporated hydrothermal approaches for silver nanoparticles formation and enhanced antimicrobial activity against bacterial and fungal pathogens**
ÖÇSOY İ., DEMIRBAS A., McLamore E. S., Altınsoy B., ILDIZ N., Baldemir A.
JOURNAL OF MOLECULAR LIQUIDS, vol.238, pp.263-269, 2017 (SCI-Expanded)
29. **Synthesis and characterization of green tea (*Camellia sinensis* (L.) Kuntze) extract and its major components-based nanoflowers: a new strategy to enhance antimicrobial activity**
Baldemir A., KOSE N. B., ILDIZ N., İLGÜN S., Yusufbeyoğlu S., YILMAZ V., ÖÇSOY İ.
RSC ADVANCES, vol.7, no.70, pp.44303-44308, 2017 (SCI-Expanded)
30. **Bacteria found on banks' automated teller machines (ATMs)**
Tekerekoğlu M., Yakupoğulları Y., Otlu B., Duman Y., GÜÇLÜER N.
AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, vol.7, no.16, pp.1619-1621, 2013 (SCI-Expanded)
31. **Prevalence and antibiotic susceptibility of *Mycoplasma hominis* and *Ureaplasma urealyticum* in pregnant women**
Bayraktar M. R., Özerol İ. H., GÜÇLÜER N., Çelik Ö.
INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES, vol.14, no.2, 2010 (SCI-Expanded)
32. **The Effect of Smoking on the Carriage of Potential Pathogens in Nasopharynx.**
Yetkin G., Ay S., Yetkin Ö., Taştekin N., GÜÇLÜER N.

- Erciyes Tıp Dergisi, vol.32, no.1, pp.9-14, 2010 (SCI-Expanded)
33. **A PNEUMONIA CASE CAUSED BY CEDECEA LAPAGEI**
Yetkin G., Ay S., Kayabaş Ü., Gedik E., GÜÇLÜER N., Çalışkan A.
MIKROBİYOLOJİ BULTENİ, vol.42, no.4, pp.681-684, 2008 (SCI-Expanded)
34. **Distribution of bacteria isolated from urine cultures in Malatya University Hospital laboratory**
Yetkin G., Kuzucu Ç., GÜÇLÜER N.
MIKROBİYOLOJİ BULTENİ, vol.40, no.4, pp.445-446, 2006 (SCI-Expanded)

Articles Published in Other Journals

- COMPARISON OF ANTIMICROBIAL EFFICIENCY OF ORTOPHITALDEHYDE AND ORTOPHITALDEHYDE-SILVER NANOPARTICLE AND ORTOPHITALDEHYDE SILVER GRAPHENOXIDE NANOPARTICLE**
SEZGİN G., İLDİZ N.
Sağlık Bilimleri Dergisi, vol.32, no.1, pp.113-118, 2023 (Peer-Reviewed Journal)
- Rational preparation of powder anthocyanin incorporated-urease test for detection of K. pneumoniae and P.mirabilis**
CAN SEZGİN G., ÇELİK Ç., İLDİZ N.
Sağlık Bilimleri Dergisi, vol.30, pp.103-109, 2021 (Peer-Reviewed Journal)
- Investigation of Borrelia burgdorferi antibodies in patients with multiple sclerosis**
İLDİZ N., ÖZEROL İ. H., ÖZCAN A., Çelik H.
Asian Journal of Medical Sciences, vol.11, no.2, pp.21-24, 2020 (Peer-Reviewed Journal)
- A new approach for green synthesis and characterization of Artemisia L. (Asteraceae) genotype extracts -Cu₂ nanocomplexes (nanoflower) and their effective antimicrobial activity**
Baldemir Kılıç A., Altınkaynak C., İldiz N., Özdemir N., Yılmaz V., Öçsoy İ.
Medicine Science International Medical Journal, vol.9, no.1, pp.191-196, 2020 (Peer-Reviewed Journal)
- Synthesis of organic-inorganic hybrid nanoflowers using Trigonella foenum-graecum seed extract and investigation of their anti-microbial activity**
Altınkaynak C., İldiz N., Baldemir Kılıç A., Özdemir N., Yılmaz V., Öçsoy İ.
DERİM, vol.36, no.2, 2019 (Peer-Reviewed Journal)
- Türkiye’de Endemik Olarak Yetişen Ferulago mughlae Peşmen ve Ferulago sandrasica Peşmen ve Quezel Türlerinin Antibakteriyel ve Antifungal Etkileri**
KARAKAYA S., DELİMUSTAFAOĞLU BOSTANLIK F., İLDİZ N., KILIÇ C. S.
Türk Tarım ve Doğa Bilimleri Dergisi, vol.6, no.4, pp.710-714, 2019 (Peer-Reviewed Journal)
- Investigation of Resistance and Clonal Relatedness Among The Nosocomial Acinetobacter Isolates**
ÇALIŞKAN A., DURMAZ R., Gürsoy Ateş C., İLDİZ N.
Middle Black Sea Journal of Health Science, vol.5, no.2, pp.120-132, 2019 (Peer-Reviewed Journal)
- Synergistic effect of Coriandrum sativum L. extracts with cefoxitin against methicillin resistant Staphylococcus aureus, extended-spectrum beta-lactamase producing Escherichia coli and Klebsiella pneumonia**
İLDİZ N., BALDEMİR KILIÇ A., İNCE U., İLGÜN S., KONCA Y.
MEDİCİNE SCİENCE, vol.7, no.4, pp.777-780, 2018 (Peer-Reviewed Journal)
- Modifiye Edilmiş Trikom Boyama Metodu ve Wheatley’in Trikom Boyama Metodunun Karşılaştırılması**
Kır B., Kaçmaz G., Karaman Ü., Direkel Ş., Akdemir C., BALDEMİR A., İLDİZ N.
Klinik Tıp Aile Hekimliği Dergisi, vol.10, no.2, pp.15-18, 2018 (Peer-Reviewed Journal)
- Modifiye edilmiş trikrom boyama metodu ve Wheatley’ in trikrom boyama metodunun karşılaştırılması**
Kır B., Kaçmaz g., KARAMAN Ü., DİREKEL Ş., AKDEMİR C., BALDEMİR A., İLDİZ N.
Klinik Tıp Aile Hekimliği, 2018 (Peer-Reviewed Journal)
- Synergistic effect of Coriandrum sativum L. extracts with cefoxitin against methicillin resistant**

Staphylococcus aureus, extended-spectrum beta-lactamase producing Escherichia coli and Klebsiella pneumoniae

ILDIZ N., BALDEMİR A., İNCE U., İLGÜN S., KONCA Y.

Medicine Science International Medical Journal, vol.7, no.4, pp.777-780, 2018 (Peer-Reviewed Journal)

12. **HUMAN PAPİLLOMA VİRÜS (HPV) GÜNCEL TEDAVİ VE KORUNMA YÖNTEMLERİ**

İNCE U., AKAR M., İLDİZ N.

SAĞLIK BİLİMLERİ DERGİSİ, vol.26, pp.189-192, 2017 (Peer-Reviewed Journal)

13. **Investigations on Capsicum annum L Samples Purchased From Kayseri Province Turkey**

BALDEMİR A., KÖNGÜL E., İLDİZ N., İLGÜN S.

Turkish Journal of Pharmaceutical Sciences, vol.12, no.3, pp.357-368, 2015 (Scopus)

14. **Investigations on Capsicum annum L. Samples Purchased from Kayseri Province of Turkey**

BALDEMİR A., KÖNGÜL E., İLDİZ N., İLGÜN S.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.12, no.3, pp.144-158, 2015 (Scopus)

15. **Investigation of Metallo Beta-lactamase Production in Carbapenem Resistant Pseudomonas aeruginosa Isolates.**

Mansur A., Ay S., Otlu B., GÜÇLÜER N., Ersoy Y.

Journal of Turgut Ozal Medical Center, vol.20, no.3, pp.237-242, 2013 (Peer-Reviewed Journal)

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2. **METİSİLİN DİRENÇLİ Staphylococcus aureus HIZLI TANISINDA KULLANILAN BESİYERLERİ ve MOLEKÜLER TESTLER**

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1. **Çilek ekstrelerinden tek basamakta sentezlenen gümüş nanopartiküllerin antimikrobiyal özelliklerinin endodontik patojenler üzerine etkisi**

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3. **Eczacılık Fakültesi Öğrencilerinin Cep Telefonlarındaki Bakteriye Floranın İncelenmesi**
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4. **PREPARATION OF ARTEMISIA L. (ASTERACEAE) EXTRACTS INCORPORATED NANOFLOWERS AND THEIR ENHANCED ANTIMICROBIAL ACTIVITY**
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16. **Chitosan-Metal Ions Based Hybrid Nanostructures and Their Antimicrobial Properties**
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19. **Synthesis and Biological Evaluation of Some new Benzothiadiazine-1,1-Dioxides as Potential Antimicrobial Agents**
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20. **DNA Aptamer Conjugated Gold Nanostructures For Molecular Recognition and Photothermally Destruction of Methicillin-Resistant Staphylococcus Aureus**
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28. **Helianthemum canum'xx un Antileishmanial Aktivitesinin Araştırılması**
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29. **MODİFİYE EDİLMİŞ TRİCHROME BOYA YÖNTEMİ İLE WHEATLEY'S TRİCHROME BOYA YÖNTEMİNİN KARŞILAŞTIRILMASI**
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30. **Helianthemum Canum' un antileishmanial aktivitesinin araştırılması**
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33. **Anthocyanin-rich plants directed gold nanoparticle formation and their antimicrobial activity against bacterial and fungal pathogens**
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34. **Efficiency of Coriandrum sativum L. in clinically resistant strains and synergism on cefoxitin**
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35. **Anthocyanin rich Plants Direct Gold Nanoparticle Formation and Their Antimicrobial Activity Against Bacterial and Fungal Pathogens**
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Yusufbeyoğlu S., Büyükbezirci K., YILMAZ V., İLDİZ N., Avan İ., ÖÇSOY İ.
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40. **Küçük peptitlerden hibrit nano yapıların sentezi, karakterizasyonu ve katalitik aktivite ve antibakteriyel özelliklerin incelenmesi**
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41. **Farklı Artemisia L. Türlerinden Ekstre-Cu²⁺Hibrit Nano Çiçeklerin Sentezi, Karakterizasyonu ve**

Antimikrobiyal Etkinlikleri

BALDEMİR A., Altınkaynak C., İLDİZ N., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.

XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 03 September 2016, vol.1, pp.209

42. **Farklı Artemisia L Türlerinden Ekstre Cu2 Hibrit Nano Çiçeklerin Sentezi Karakterizasyonu ve Antimikrobiyal Etkinlikleri XXII**

BALDEMİR A., ALTINKAYNAK C., İLDİZ N., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.

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43. **Investigation of Biological Activities and Chemical Analysis of Helianthemum canum L. Baumg (Cistaceae)**

BALDEMİR A., Gökşen N., İLDİZ N., ŞEKER KARATOPRAK G., KOŞAR M.

11th International Symposium On Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 9 - 12 June 2015, vol.1, pp.394-395

44. **Antibacterial Effect of Coriander (Coriandrum sativum L.) Seed Extract and Synergistic Interaction with Cefoxitin**

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11th International Symposium, on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, vol.1, pp.461-462

45. **Synthesis of New N,N'-Diphenyl Urea Derivatives and Evaluation of Antimicrobial Activities**

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11 th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.296-297

46. **Antibacterial Effect of Coriander Coriandrum sativum L Seed Extract and Synergistic Interaction with Cefoxitin 11th International Symposium on Pharmaceutical Sciences**

GÜÇLÜER N., BALDEMİR A., KONCA Y., ÖZBİLGE H.

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47. **Ticari olarak satılan çeşitli bitki uçucu yağlarının antibakteriyel etkinliklerinin ve penisilin üzerinde sinerjistik/antagonistik etkilerinin belirlenmesi**

İldiz N., İNCE U., As R.

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48. **Synthesis of New N-Heteroaryl Substituted Thiazole-N'-Aryl Urea Derivates and Investigation of Their Antimicrobial Activities**

DOĞAN Ş. D., Gedik D., İLDİZ N.

2nd International BAU Drug Design Congress, İstanbul, Turkey, 17 - 19 April 2014, pp.0-16

49. **Synthesis of New N-Heteroaryl Substituted Thiazole-N'-Aryl Urea Derivatives and Investigation of Their Antimicrobial Activities**

DOĞAN Ş. D., GEDİK D., İLDİZ N.

2th International Bahçeşehir University (BAU) Drug Design Congress, İSTANBUL, Turkey, 17 - 19 April 2014

50. **PHENYTOIN REGULATES BRAIN DEVELOPMENT IN THE OFFSPRING OF EPILEPTIC RATS BY INCREASING THE LEVEL OF BRAIN-DERIVED NEUROTROPHIC FACTOR**

Soysal H., Türköz Y., Ekinci N., Doğan Z., Kamışlı Ö., GÜÇLÜER N.

Acta Physiologica Congress, İstanbul, Turkey, 3 - 07 September 2011, vol.203, pp.0-143

Academic and Administrative Experience

2015 - Continues **Head of Department**

Erciyes University, Sağlık Bilimleri Fakültesi, --

2015 - Continues **Head of Department**

Erciyes Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri

Courses

Akılci antibiyotik kullanımı, Undergraduate, 2021 - 2022

Farmasötik Ürünlerin Mikrobiyolojik Analizi, Postgraduate, 2019 - 2020
Farmasötik Mikrobiyoloji ve İmmünoloji1, Undergraduate, 2017 - 2018, 2016 - 2017, 2012 - 2013
Kliniğe Giriş, Undergraduate, 2017 - 2018
Farmasötik Mikrobiyoloji ve İmmünoloji 2, Undergraduate, 2016 - 2017, 2013 - 2014
Akılcı antibiyotik kullanımı, Undergraduate, 2014 - 2015
Bitirme Ödevi II, Undergraduate, 2013 - 2014
Bitirme Ödevi I, Undergraduate, 2013 - 2014
Farmasötik Mikrobiyoloji ve İmmünoloji Laboratuvarı, Undergraduate, 2013 - 2014

Patent

İldız N., BAKTERİ KÜLTÜRÜNDEN METİSİLİN DİRENÇLİ STAPHYLOCOCCUS AUREUS'UN (MRSA) DOĞAL KAYNAKLI HIZLI TANI TESTİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: TR 2019 17061 B , Standard Registration, 2021

Activities in Scientific Journals

Middle Black Sea Journal of Health Science, Committee Member, 2017 - Continues

Memberships / Tasks in Scientific Organizations

Ankara Mikrobiyoloji Derneği, Member, 2016 - Continues

Scientific Refereeing

Turkish journal of pharmaceutical sciences, Other Indexed Journal, December 2018
Medicine Science | International Medical Journal, National Scientific Refreed Journal, September 2016

Metrics

Publication: 111
Citation (WoS): 575
Citation (Scopus): 701
H-Index (WoS): 14
H-Index (Scopus): 14

Congress and Symposium Activities

XXI.Bitkisel İlaç Hammeddeleri Toplantısı, Attendee, Ürgüp, Turkey, 2014
XI.Türk Eczacılık Tarihi, Attendee, Kayseri, Turkey, 2014
Uygulamalı Real Time PCR Kursu, Attendee, Ankara, Turkey, 2014
IV. Uygulamalı Moleküler Mikrobiyoloji Kursu ve Sempozyumu, Attendee, Malatya, Turkey, 2007
IV.Tüberküloz Sempozyumu, Attendee, Malatya, Turkey, 2005

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Microbiology and Clinical Microbiology, Medical Microbiology