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Education Information

Doctorate, Gazi University, Fen Fakültesi, Biyoloji, Turkey 2000 - 2006

Postgraduate, Gazi University, Fen Fakültesi, Biyoloji, Turkey 1997 - 2000

Undergraduate, Ankara University, Fen Fakültesi, Biyoloji, Turkey 1990 - 1994

Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology, Pharmaceutical Biotechnology

Academic Titles / Tasks

Professor, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2022 - Continues

Associate Professor, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2014 - 2022

Academic and Administrative Experience

Head of Department, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2023 - Continues

Erciyes University, 2015 - Continues

Deputy Head of Department, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2014 - 2023

Head of Department, Erciyes University, Farmasötik Teknoloji, 2011 - 2023

Erciyes University, 2011 - 2017

Advising Theses

ONBAŞLI D., BAKTERİYEL BİYOFİLMLERİ ÜZERİNE KİTOSANIN IN VITRO DEJENERATİF ETKİSİ, Postgraduate, S.Fidan(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

1. Cytotoxicity of *Sarcosphaera crassa* and *Tricholoma terreum* extracts on colon cancer cell line (HT-

29) in conjunction with their antioxidant properties

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- II. **In vitro medicinal potentials of Bryum capillare, a moss sample, from Turkey**
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SAUDI JOURNAL OF BIOLOGICAL SCIENCES, vol.28, no.1, pp.478-483, 2021 (SCI-Expanded)
- III. **Evaluation of anti-biofouling potential of Viburnum opulus extracts**
Demirhan T., Celik G., KATIRCIOĞLU H., ONBAŞLI D.
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- IV. **ANTIBIOFILM ACTIVITY ON ESCHERICHIA COLI BIOFILMS OF ENVIRONMENT FRIENDLY BIOMATERIALS CHITOSAN**
Fidan S., ONBAŞLI D., YUVALI G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, no.10, pp.8817-8824, 2020 (SCI-Expanded)
- V. **MEDICINAL POTENTIAL OF ECTOMYCORRHIZAL MUSHROOM PISOLITHUS ARHIZUS EXTRACTS FROM TURKEY**
ONBAŞLI D., Yuvali G., ASLIM B.
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- VI. **Biodegradation of 2,4-dichlorophenoxyacetic acid (2,4-D) herbicide by Pseudomonas spp. strains**
ONBAŞLI D., Aslm B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.6, pp.1438-1446, 2011 (SCI-Expanded)
- VII. **Determination of lactic acid production and antagonistic activity against Helicobacter pylori of L. delbrueckii subsp. bulgaricus and S. thermophilus strains**
Aslm B., ONBAŞLI D., Yüksekdağ Z. N.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.17, no.4, pp.609-614, 2011 (SCI-Expanded)
- VIII. **Effects of some organic pollutants on the exopolysaccharides (EPSs) produced by some Pseudomonas spp. strains**
ONBAŞLI D., Aslm B.
JOURNAL OF HAZARDOUS MATERIALS, vol.168, no.1, pp.64-67, 2009 (SCI-Expanded)
- IX. **Biosurfactant Production in Molasses by Some Pseudomonas spp.**
ONBAŞLI D., Aslm B.
JOURNAL OF ENVIRONMENTAL BIOLOGY, vol.30, no.1, pp.161-163, 2009 (SCI-Expanded)
- X. **Determination of antimicrobial activity and production of some metabolites by Pseudomonas aeruginosa B1 and B2 in sugar beet molasses**
ONBAŞLI D., Aslm B.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.7, no.24, pp.4614-4619, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **Chemical Compounds and Biological Activity of Turkish Santolina chamaecyparissus L. Essential Oil by Microwave Assisted Distillation**
SÜFER Ö., CEYLAN A., ONBAŞLI D., YUVALI G., BOZOK F.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.21, no.2, pp.165-175, 2021 (ESCI)
- II. **Chitosan Biopolymer and its Anti-biofilm Activity**
ONBAŞLI D.
Int. J. Pharm. Sci. Rev. Res., vol.64, no.1, pp.50-54, 2020 (Peer-Reviewed Journal)
- III. **İlaça Dirençli Mikroorganizmalara Karşı Yeni Bir Yaklaşım: Geleceğin Antibiyotikleri, Bitkisel Antimikrobiyal Peptidler**
ONBAŞLI D., YUVALI ÇELİK G., KATIRCIOĞLU H.

ERÜ SAĞLIK BİLİMLERİ FAKÜLTESİ DERGİSİ, vol.7, no.1, pp.51-57, 2020 (Peer-Reviewed Journal)

- IV. **Türk Farmakopesindeki Bazı Tıbbi Bitkilerin Önemli Farmakolojik Gruplara Göre İncelenmesi**
ONBAŞLI D., Dal A.
ERÜ SAĞLIK BİLİMLERİ FAKÜLTESİ, vol.7, no.1, pp.22-36, 2020 (Peer-Reviewed Journal)
- V. **Biotechnological Drugs Found in Pharmacies in Turkey**
ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., Dal A.
International Journal of Pharma Research and Health Sciences, vol.7, no.2, pp.2928-2936, 2019 (Peer-Reviewed Journal)
- VI. **Pisolithus arrhizus Ekstraktı Kullanılarak Sentezlenen Titanyum Nanopartikülünün Antimikrobiyal Etkisi**
YUVALI ÇELİK G., ONBAŞLI D., Özbahar Ö., ÖÇSOY İ.
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, vol.16, no.3, pp.157-161, 2019 (Peer-Reviewed Journal)
- VII. **Veterinary Drugs Found in Pharmacies in Turkey**
ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., Yüctürk M., Dal A.
International Journal of Scientific Research and Management, 2019 (Peer-Reviewed Journal)
- VIII. **Investigation of Pharmacological Properties of Bryophyte Hypnum andoi from Turkey**
ONBAŞLI D., YUVALI ÇELİK G., ALTUNER E. M., ASLIM B.
International Journal of Pharmacy and Natural Medicines, vol.7, no.1, pp.10-14, 2019 (Peer-Reviewed Journal)
- IX. **Apiterapi ve İnsan Sağlığı Üzerine Etkileri**
ONBAŞLI D., YUVALI ÇELİK G., KAHRAMAN S., KANBUR M.
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, vol.16, no.1, pp.49-56, 2019 (Peer-Reviewed Journal)
- X. **TÜRKİYE'DE ECZANELERDE BULUNAN BİTKİSEL İLAÇLAR**
ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., Dal A.
Erciyes Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, 2019 (Peer-Reviewed Journal)
- XI. **Kitozan Gümüş Nanopartikülü ve Kitozan-Gümüş-Grafen Oksit Nanokompozitin Sentezi, Karakterizasyonu ve Antimikrobiyal Aktivitelerinin belirlenmesi**
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Journal of Faculty of Veterinary Medicine Erciyes University, vol.15, no.3, pp.208-215, 2018 (Peer-Reviewed Journal)
- XII. **Kitosan-gümüş nanopartikülü ve kitosan-gümüş-grafen oksit nanokompozitin sentezi, karakterizasyonu ve antimikrobiyal aktivitelerinin Belirlenmesi.**
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- XIII. **Antimicrobial activities of Pseudomonas spp. strains isolated from raw milk collected in Turkey**
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International Journal of Scientific Research and Management (IJSRM), vol.6, pp.80-88, 2018 (Peer-Reviewed Journal)
- XIV. **MİKROBİYAL BİYOFİMLERE KARŞI YENİ ANTİBİYOFİLM STRATEJİLERİ ve NANOTEKNOLOJİKAKLAŞIMLAR**
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- XV. **Antimicrobial Antioxidant Activities and Chemical Composition of Lactarius deliciosus L Collected from Kastamonu Province of Turkey**
ONBAŞLI D., YUVALI ÇELİK G., KATIRCIOĞLU H., NARİN İ.
Kastamonu University, Journal of Forestry Faculty, vol.15, pp.98-103, 2015 (ESCI)
- XVI. **Antimicrobial, Antioxidant Activities and Chemical Composition of Lactarius deliciosus (L.) Collected from**
ONBAŞLI D., YUVALI ÇELİK G., Katircioğlu H., NARİN İ.
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- XVII. **In vitro Antimicrobial and Antioxidant Properties of Ganoderma lucidum Extracts Grown in Turkey**

YUVALI ÇELİK G., ONBAŞLI D., ALTINSOY B., ALLI H.

European Journal of Medicinal Plants, vol.4, no.6, pp.709-722, 2014 (Peer-Reviewed Journal)

- XVIII. **Investigation of proteolytic, lipolytic activities and antibiotics susceptibility of some Pseudomonas bacteria isolated from raw milks**
ÇAYLAK TAŞ T., YUVALI ÇELİK G., ONBAŞLI D.
TÜRK HİJYEN VE DENEYSEL BİYOLOJİ DERGİSİ, vol.70, no.3, pp.147-152, 2013 (Scopus)
- XIX. **Çiğ sütlerden İzole Edilen Bazı Pseudomonas Bakterilerinin Proteolitik Lipolitik Aktivitelerinin ve Antibiyotik Duyarlılıklarının Araştırılması**
YUVALI ÇELİK G., Çaylak T. T., ONBAŞLI D.
Türk Hijyen ve Deneysel Biyoloji Dergisi, vol.70, no.3, pp.147-152, 2013 (Peer-Reviewed Journal)
- XX. **Kastamonu yöresinden toplanan bazı makrofungusların Antimikrobiyal aktivitesi**
Bekci H., ALTINSOY B., sarıkaya s., ONBAŞLI D., YUVALI ÇELİK G.
KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY, vol.11, no.2, pp.187-190, 2011 (Peer-Reviewed Journal)
- XXI. **Pseudomonas Cinsi Bakterilerin Biyoteknolojik Açından Önemli Bazı Sekonder Metabolitleri**
ONBAŞLI D., Aslım B.
Elektronik Mikrobiyoloji Dergisi TR, vol.9, no.2, pp.25-34, 2011 (Peer-Reviewed Journal)
- XXII. **Antimicrobial Activity of Mniun marginatum Extracts**
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- XXIII. **Mniun marginatum özütlerinin antimikrobiyal aktivitesi**
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- XXIV. **Investigation of Metabolite Productions and degradation of hazardous organic pollutants by Pseudomonas spp**
ONBAŞLI D., ASLIM B., YUVALI ÇELİK G.
Journal of Applied Biological Sciences, vol.5, no.2, pp.9-14, 2011 (Peer-Reviewed Journal)
- XXV. **Investigation of Metabolit Productions and Degradation of Hazardous Organic Pollutants by Pseudomonas spp.**
ONBAŞLI D., Aslım B., YUVALI ÇELİK G.
Journal of Applied Biological Sciences, vol.5, no.2, pp.9-14, 2011 (Scopus)
- XXVI. **The Determination of Genetical Distances among Certain Selfed Maize Generations (F3 , F4 And F5) by using PCR Method**
Açık L., Samancı B., ONBAŞLI D.
Journal of The Institute of Science and Technology of Gazi University, vol.12, no.3, pp.837-847, 1999 (Peer-Reviewed Journal)

Books & Book Chapters

I. Biyoteknolojide Kullanılan Mikrobiyal Sistemler

YUVALI ÇELİK G., ONBAŞLI D.

in: Güncel Biyoteknoloji ve Uygulamaları, Dünder Munis, Bağış Haydar, Editor, Erciyes Üniversitesi Yayınları, Kayseri, pp.555-564, 2017

Refereed Congress / Symposium Publications in Proceedings

I. Apitherapy and Effect on Human Health.

ONBAŞLI D., YUVALI ÇELİK G., KATIRCIOĞLU H.

2nd International Congress of Veterinary Microbiology, Antalya, Turkey, 16 - 19 October 2018

II. **Veterinary Medicines Found in Pharmacies in Turkey**

ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., DAL A.

2nd International Congress of Veterinary Microbiology, Antalya, Turkey, 16 - 19 October 2018, pp.264

III. **GABA Biosynthesis in İntestinal Flora**

YUVALI ÇELİK G., ONBAŞLI D., CEYLAN A., DAL A.

5. Ulusal Bağırsak Mikrobiyotası ve Probiyotik Kongresi, Antalya, Turkey, 11 - 14 October 2018, pp.156

IV. **Serotonin Biosynthesis in İntestinal Flora**

YUVALI ÇELİK G., ONBAŞLI D., CEYLAN A., DAL A.

5. Ulusal Bağırsak Mikrobiyotası ve Probiyotik Kongresi, Antalya, Turkey, 11 - 14 October 2018, pp.157

V. **Investigation of Health Ministry of Licensed Biotechnologically Medicines Found in Pharmacies in Turkey**

ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., DAL A.

12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.289

VI. **Türkiye’de Eczanelerde Bulunan Bitkisel İlaçlar**

ONBAŞLI D., YUVALI ÇELİK G., CEYLAN A., DAL A.

XXIII. Bitkisel İlaç Hammaddeleri Toplantısı, Antalya, Turkey, 9 - 12 April 2018, pp.110

VII. **Green tea (*Camellia sinensis* (L.) Kuntze) extracts and its majör components, caffeine and catechin, guided formation of Ag NPs and their enhanced antimicrobial activities.**

KONCA S. F., ONBAŞLI D., YUVALI ÇELİK G., ÖÇSOY İ.

2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017

VIII. **Green tea (*Camellia sinensis* (L.) Kuntze) extracts and its major components, caffeine and catechin, guided formation of Ag NPs and their enhanced antimicrobial activities**

KONCA S. F., ONBAŞLI D., YUVALI ÇELİK G., ÖÇSOY İ.

International Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 September 2017

IX. **Synthesis of hybrid Ag/Au NPs using green tea (*Camellia sinensis* (L.) Kuntze) plant leaf extract with their antimicrobial activities**

KONCA S. F., ONBAŞLI D., YUVALI ÇELİK G., ÖÇSOY İ.

International Mediterranean Science and Engineering Congress (IMSEC 2017), 25 - 27 September 2017

X. **Medicinal Properties of *Bryum capillare***

ONBAŞLI D., YUVALI ÇELİK G., ALTUNER E. M., ASLIM B.

The Second Japan-Turkey International Symposium on Pharmaceutical and Biomedical Sciences, Trabzon, Turkey, 11 - 12 September 2017

XI. **Medicinal Properties of *Hypnum andoi***

ONBAŞLI D., YUVALI ÇELİK G., ALTUNER E. M., ASLIM B.

The Second Japan-Turkey International Symposium on Pharmaceutical and Biomedical Sciences, Trabzon, Turkey, 11 - 12 September 2017

XII. **Kitosan-Gümüş ve Kitosan-Gümüş-Grafen Oksit Nanopartiküllerinin Sentezlenmesi ve Antimikrobiyal Aktivitelerinin Belirlenmesi**

DURBİLMEZ G. D., ONBAŞLI D., YUVALI ÇELİK G., ÖÇSOY İ., Fidan S.

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.341

XIII. ***Escherichia coli* Biyofilmi Üzerine Kitosanın In Vitro Dejeneratif Etkisi**

Fidan S., YUVALI ÇELİK G., ONBAŞLI D.

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XIV. **Evaluation of Antibiofilm Potential of A Novel Medicinal Plant (*Viburnum opulus*) Extract: Example of Dental Plaque**

DEMİRHAN T., YUVALI ÇELİK G., KATIRCIOĞLU H., ONBAŞLI D.

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.635

XV. ***Pisolithus arrhizus* EKSTRAKTI KULLANILARAK SENTEZLENEN TİTANYUM NANOPARTİKÜLÜNÜN**

ANTİMİKROBİYAL ETKİSİ

Özbahar Ö., YUVALI ÇELİK G., ONBAŞLI D., ÖÇSOY İ., KONCA S. F.

3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017

- XVI. **Pisolithus arrhizus Ekstraktı Kullanılarak Sentezlenen Titanyum Nanopartikülü'nün antimikrobiyal etkisi**
ÖZBAHAR Ö., YUVALI ÇELİK G., ONBAŞLI D., ÖÇSOY İ., KONCA S. F.
3. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 26 - 28 April 2017
- XVII. **Escherichia coli Biyofilmi Üzerine Kitosanın In Vitro Dejeneratif Etkisi**
Fidan S., YUVALI ÇELİK G., ONBAŞLI D.
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- XVIII. **New Antibiofilm Strategies and Nanotechnological Approaches Against Microbial Biofilms**
ÖKÇESİZ A., ONBAŞLI D., YUVALI ÇELİK G., Fidan S.
3st International Nanoscience&Nanotechnology for Next Generation Confrence, Antalya, Turkey, 20 - 22 October 2016, pp.117
- XIX. **Investigation of anticancer potential of Pisolithus arrhizus mushroom grown in Turkey**
ONBAŞLI D., YUVALI ÇELİK G., Aslım B.
International Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.109
- XX. **Production of Fungal Chitosan**
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11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.287
- XXII. **Pisolithus arhizus Özütlerinin Antioksidan Aktivitesi**
YUVALI ÇELİK G., ONBAŞLI D., ALTINSOY B., Alı H., Aslım B.
21. Bitkisel İlaç Hammaddeleri Toplantısı, Nevşehir, Turkey, 28 May - 01 June 2014, pp.86
- XXIII. **Karayosunu Türleri olan Hypnum andoi, Plagiomnium undulatum, Bryum radiculosum'a Ait Özütlerin Antimikrobiyal Etkilerinin ve Antikanser Aktivitelerinin İncelenmesi**
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- XXIV. **Kastamonu Yöresinden Toplanan Karayosunu Özütlerinin Antimikrobiyal ve Antioksidan Aktivitelerinin Belirlenmesi**
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21. Bitkisel İlaç Hammaddeleri Toplantısı, Nevşehir, Turkey, 28 May - 01 June 2014, pp.84
- XXV. **Evaluation of anticancer activities of Bryum capillare**
ONBAŞLI D., YUVALI ÇELİK G., Altuner E. M., ALTINSOY B., Aslım B.
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- XXVI. **A comparative study on the antioxidant and antimicrobial activity of Sarcosphaera crassa and Tricholoma spp. Extracts**
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- XXVII. **A comparative study on the cytotoxic activity of Three edible mushrooms extracts**
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- XXVIII. **Antimicrobial Properties of Natural Dyes Against Some Pathogens**
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- XXIX. **Total Phenolic, Total Flavonoid Content and The DPPH Free Radical Scavenging Activity of Lactarius**

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- XXX. **In vitro antimicrobial, antioxidant, and antibiofilm of Bryum capillare, a bryophyte sample**
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- XXXI. **A Comparative study on the antioxidant and antimicrobial activity of Ganoderma lucidum extracts**
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- XXXII. **Antimicrobial activities and proximate chemical composition of Lactarius deliciosus collected from Kastamonu province of Turkey**
ONBAŞLI D., Katırcıoğlu H., YUVALI ÇELİK G., NARİN I.
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- XXXIII. **Determination of antimicrobial activity of some natural dyes**
YUVALI ÇELİK G., Bekci H., ALTINSOY B., ONBAŞLI D.
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- XXXIV. **Influence of carbon sources on the production and characterization of the exopolysaccharide (EPS) by Bacillus sphaericus 7055 Strain**
Yılmaz M., YUVALI ÇELİK G., Aslım B., ONBAŞLI D.
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- XXXV. **Pseudomonas spp. Suşları Tarafından Bazı Petrol Hidrokarbonlarının Degredasyonunun Belirlenmesi**
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IX. Ulusal Ekoloji ve Çevre Kongresi, Girne, Cyprus (Kktc), 7 - 10 October 2009, pp.135
- XXXVI. **Investigation of effects of various organic pollutants upon the exopolysaccharides (EPSs) produced by some Pseudomonas spp. strains**
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- XXXVII. **Determination of rhamnolipid biosurfactant production in molasses by some Pseudomonas spp.**
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- XXXIX. **Pseudomonas spp. suşlarının bazı ikincil metabolit üretimlerinin belirlenmesi**
ONBAŞLI D., Aslım B.
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