

LEYLA AÇIK

PROF.

Email : leylaacik@gazi.edu.tr

Office Phone : [+90 312 202 1185](tel:+903122021185)

International Researcher IDs

ScholarID: leyla

ORCID: 0000-0002-3672-8429

Publons / Web Of Science ResearcherID: AFY-2860-2022

ScopusID: 6602797665

Yoksis Researcher ID: 1781

Learning Knowledge

Doctorate	University of Manchester Institute of Science and Technology (UMIST), Moleküler Biyoloji Ve Biyokimya, United Kingdom
1988 - 1992	

Postgraduate	Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), Turkey
1984 - 1987	

Undergraduate	Ankara University, Fen Fakültesi, Biyoloji Bölümü, Turkey
1979 - 1983	

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, Prokaryotik ve ökaryotikk hücrelere gen aktarımı, Türk Biyokimya Derneği, 2010

Health&Medicine, Avrupa bilim ve eğlence günü, TÜBİTAK, 2010

Dissertations

Doctorate, Some studies on cytosine permase, University of Manchester Institute of Science and Technology (UMIST), Moleküler Biyoloji Ve Biyokimya, 1992

Postgraduate, Bazı lepidoptera türlerinin erginlerinde sindirim kanalının anatomik ve histolojik incelenmesi, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 1986

Academic Titles / Tasks

Professor	Gazi University, Fen Fakültesi, Biyoloji
2004 - Continues	

Professor

2005 - 2005

Berkeley College, California Univ, Plant Molecular Biology

Associate Professor

1999 - 2005

Gazi University, Fen Fakültesi, Biyoloji

Assistant Professor

1994 - 1999

Gazi University, Fen Fakültesi, Biyoloji

Expert PhD

1992 - 1993

University of Manchester Institute of Science and Technology (UMIST), Molecular Biology % Biochemistry, Mol Biol

Supported Projects

1. AÇIK L., KOYUNOĞLU D., Project Supported by Higher Education Institutions, BAZI YENİ SENTEZLENEN TRİFOSFAZENLERİN ANTİMİKROBİYAL AKTİVİTELƏRİ VE DNA ÜZERİNE ETKİLERİ, 2021 - Continues
2. Aydin B., Açık L., Mollahaliloglu S., Koç M., Project Supported by Higher Education Institutions, Türkiyede Yetişen Farklı Centaurea Türlerinin Lactobacillus Cinsi Probiyotik Bakteriler Üzerindeki Prebiyotik Etkisinin Araştırılması, 2022 - 2024
3. KARAKAN T., AKCA G., İŞLER S. Ç., AÇIK L., EKMEN N., ÖZMERİÇ KURTULUŞ N., ERGİN M., KARATAŞ A., YALINAY A. M., ÜNSAL F. B., et al., Project Supported by Higher Education Institutions, Ülseratif Kolit ve Periodontal Hastalık İlişkisinde Mikrobiyom Analizleri, 2021 - 2023
4. GÜLTEKİN S. E., AÇIK L., BOZDAĞ L., Project Supported by Higher Education Institutions, Likit Biyopsilerin Oral Premalign ve Malign Lezyonlarda Tanı Amaçlı Kullanımı, 2021 - 2023
5. AYDIN B., AÇIK L., Project Supported by Higher Education Institutions, Çeşitli gıda örneklerinden izole edilen enterokokların paraprobiyotik ve postbiyotik aktivitelerinin araştırılması, 2020 - 2023
6. AÇIK L., MERGEN H., SABAH B. N., Project Supported by Higher Education Institutions, Akrep Zehirinin Kanser Hücrelerinde Apoptoz Üzerine Etkilerinin Araştırılması, 2020 - 2023
7. AÇIK L., Project Supported by Higher Education Institutions, Nikotinamid fosforibozil transferaz (NAMPT), İnterlökin-6 (IL-6) ve Vaspinin Tip 2 Diyabetteki Rolü, 2020 - 2023
8. AÇIK L., Project Supported by Higher Education Institutions, Deneysel Diyabet Oluşturulmuş Ratlarda Rosa canina L. Bitki Ekstresinin İnflamasyon Üzerine Etkilerinin İncelenmesi, 2020 - 2022
9. Sarı N., Disli A., Açık L., Hasanoğlu Özkan E., Project Supported by Higher Education Institutions, Tetrazol halkası ve V(III) B grubu geçiş metallerini içeren bazı komplekslerin DNA ile olan etkileşimlerinin incelenmesi ve antimikrobiyal aktivitelerinin belirlenmesi, 2018 - 2022
10. AÇIK L., Project Supported by Higher Education Institutions, Evaporatör Cihazı Tamiri, 2020 - 2021
11. Çapan İ., Açık L., Gümüş M., Aydin B., TUBITAK Project, Benzimidazol-Karbazol Temelli Yeni Hibrit Moleküllerin Sentezi Ve Dna Ile Etkileşimlerinin Araştırılması, 2020 - 2021
12. AÇIK L., Project Supported by Higher Education Institutions, DNA Görüntüleme Sistemi ve Derin Dondurucu, 2018 - 2019
13. AÇIK L., Project Supported by Higher Education Institutions, NO Donorlu Mono(4-florobenzil) Spirosiklotetrafosfazelerin Antimikrobiyal ve Sitotoksik Aktiviteleri ve DNA Etkileşimleri, 2017 - 2019
14. AÇIK L., TUBITAK Project, 2-Piridil-Spiro-Siklotrifosfazelerin ve Tuzlarının Klasik ve/veya Mikrodalga Yöntemleri ile Sentezi, Yapılarının Karakterizasyonu, Antimikrobiyal, Antitüberküloz ve Sitotoksik Aktivitelerinin İncelenmesi, 2017 - 2019
15. Açık L., Ercan D. D., Aydin B., Bozkurt N., Project Supported by Higher Education Institutions, Oosit Gelişim

Kapasitesinin Değerlendirilmesinde İnsan Kümülü Hücrelerinin Gen İfade Profillerinin Biyobelirteç Olarak İncelenmesi, 2016 - 2019

16. AÇIK L., Project Supported by Higher Education Institutions, Oosit Gelişim Kapasitesinin Değerlendirilmesinde İnsan Kümülü Hücrelerinin Gen İfade Profillerinin Biyobelirteç Olarak İncelenmesi, 2016 - 2019
17. AÇIK L., TUBITAK Project, N O Donör Atomlu Ferrosenil Siklotetrafosfazen Türevlerinin Klasik ve Mikrodalga Yöntemleri ile Sentezi Stereojenik Termal ve Elektrokimyasal Özelliklerinin Belirlenmesi Antitüberküloz ve Sitotoksik Aktivitelerinin İncelenmesi, 2016 - 2018
18. AÇIK L., Project Supported by Higher Education Institutions, Mono ve Dispiro 4-Bromobenzilaminofosfazelerin Sentezi, Kristal Yapıları, Spektroskopik Özellikleri, Antimikrobiyal Aktiviteleri ve DNA ile Etkileşimleri, 2016 - 2017
19. AÇIK L., Project Supported by Higher Education Institutions, Bis-Ferrosenil- Sübstütue Siklotetrafosfazen Türevlerinin Sentezi, Kristal Yapıları, Spektroskopik ve Elektrokimyasal Özellikleri ve Biyolojik Aktiviteleri, 2015 - 2017
20. AÇIK L., Project Supported by Higher Education Institutions, NO Donorlu Mono 4 florobenzil spiro siklotrifosfazen Türevlerinin Sentezi Spektroskopik Özelliklerinin DNA ile Etkileşimlerinin Antimikrobiyal ve Sitotoksik Aktivitelerinin İncelenmesi, 2015 - 2016
21. AÇIK L., Project Supported by Higher Education Institutions, TİP 2 DİABETLİ TÜRK HASTALARDA BAZI GEN POLİMORFİZMLERİNİN BELİRLENMESİ, 2013 - 2016
22. AÇIK L., Project Supported by Higher Education Institutions, N2N2 veya N2O2 Donorlu Tetramerik Fosfozen Türevlerinin Sentezleri Kristal Yapıları Spektroskopik ve Stereojenik Özellikleri DNA ile etkileşimleri Sitotoksik ve Biyolojik Aktiviteleri, 2013 - 2015
23. AÇIK L., Project Supported by Higher Education Institutions, Bazı Bitkilerin Su ve Metanol Ekstrelerinin Antimikrobiyal, Antioksidan Etkilerinin ve Bazı Kanser Hücre Dizileri Üzerine Sitotoksik ve Apoptotik Etkilerinin İncelenmesi, 2012 - 2014
24. Bali E. B., Açık L., Project Supported by Higher Education Institutions, Bazı Bitkilerin Su ve Metanol Ekstrelerinin Antimikrobiyal Antioksidan Etkilerinin ve Bazı Kanser Hücre Dizileri Üzerine Sitotoksik ve Apoptotik Etkilerinin İncelenmesi, 2012 - 2014
25. Akaydın S., Can E., Açık L., Şimşek H. B., Çelebi Keskin A., Yalçıntaş Arslan Ü., Atalay M. C., Project Supported by Higher Education Institutions, Investigation of Gene Expression of Pontin and Reptin on Regulation of Telomerase Activity in Several Types of Cancer, 2009 - 2012
26. AÇIK L., Project Supported by Higher Education Institutions, Bellis Perennis Türünün Antimikrobiyal ve Antikansorjen Etkilerinin Araştırılması ve Bu Türün Morfolojik ve Moleküler Yönlerden İncelenmesi, 2007 - 2011
27. Adugüzel N., Vural M., Açık L., Ünal F., Özbek M. U., TUBITAK Project, Türkiye nin Anthemis L Cinsine Ait Cota J Gay Rupr Seksiyonunun Revizyonu, 2006 - 2010
28. AÇIK L., Project Supported by Higher Education Institutions, Escherichia Coli,Klebsiella ve Acinetobacter Suşlarında Genişlemiş Spektrumlu Beta-Laktamaz(GSBL) Varlığının Araştırılması ve Moleküler Yönden İncelenmesi, 2007 - 2009
29. AÇIK L., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, İLERİ ARAŞTIRMA AR-GE MERKEZİ (1), 2000 - 2008
30. Bali E. B., Açık L., Project Supported by Higher Education Institutions, Escherichia coli Klebsiella ve Acinetobacter Suşlarında Plazmit veya Kromozomal Kaynaklı Genişlemiş Spektrumlu Beta Laktamaz GSBL Varlığının Araştırılması ve Moleküler Yönden İncelenmesi, 2005 - 2007
31. AÇIK L., Project Supported by Higher Education Institutions, NAT(P)H:Kinon Oksidoredüktas1 (NQO1) Gen Polimorfizminin Kronik Miyelesital Lösemi Olgularında Taranması, 2005 - 2007
32. AÇIK L., Project Supported by Higher Education Institutions, SDS-PAGE ve RAPD-PCR gibi Moleküler Yöntemler kullanılarak Türkiyede Yetişen Nepata L.Türleri Arasında Akrabalık İlişkilerinin Araştırılması, 2005 - 2007
33. AÇIK L., Project Supported by Higher Education Institutions, Bacillus Thuringienssis Toksinlerinin Bazı Lepidopter Lavralarının Orta Bağırsak hücreleri Üzerine Etkisi, 2003 - 2006
34. AÇIK L., Project Supported by Higher Education Institutions, Kirlilik İndikatörü Olan Gammarus Türlerinin Polimeraz Zincir Reaksiyonu (PCR) ile Filogenetik Analizleri, 2003 - 2005
35. AÇIK L., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, TÜRKİYEDE YETİŞEN BAZI ALYSSUM

TÜR.NİKEL AKÜM.TAY.VE MOL.YÖN.KARAKTERİZASYONU, 2003 - 2004

36. AÇIK L., Project Supported by Higher Education Institutions, Broilerden izole edilen Esherichia coli, Staphylococcus aureus, Salmonella ve Campylobacter jejuni suşlarının plasmid, Protein profilleri ve PCR analizleri, 2002 - 2004
37. AÇIK L., Project Supported by Higher Education Institutions, Mastitisli ineklerden izole edilen Staphylococcus suşlarının tanımlanması Plazmid DNA izolasyonu ve protein Profillerinin belirlenmesi, 2002 - 2004
38. AÇIK L., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, ÇEVRE KİRLİLİĞİNE NEDEN OLAN HAM PETROL BİO, 2001 - 2004
39. AÇIK L., Project Supported by Higher Education Institutions, Endemik EBENUSL. Cinsinin 15 taksonunun DNA ve protein profilleri kullanılarak moleküler yönden karşılaştırılması, 2001 - 2003
40. AÇIK L., Project Supported by Higher Education Institutions, Endüstriyel ve yabani tip mayalarda yüksek alkol üretiminden sorumlu gen olan PET 191 geninin sekanz analizlerinin yapılması, 2000 - 2000
41. AÇIK L., Project Supported by Higher Education Institutions, Boru hatları ile petrol taşıma A.Ş. Kerkük Ceyhan boru hattı boyunca korozyona neden olan bakterilerin tür ve sayılarının tesbiti, plasmid profillerinin belirlenmesi ve kimyasal analizleri, 1999 - 1999
42. AÇIK L., Project Supported by Higher Education Institutions, Srvix kanserlerinin HPV16-18'in belirlenmesi ve klinikopatolloji özelliklerle karşılaştırılması, 1998 - 1998
43. AÇIK L., Project Supported by Higher Education Institutions, Misir FFF hatlarında homozigotluğun PCR yöntemi ile belirlenerek GAP bölgesinde uygun misir tohumlarının eldesi, 1997 - 1997
44. AÇIK L., Project Supported by Higher Education Institutions, Çeşitli maya suşları kullanılarak Melasdan Etanol üretimi, 1996 - 1996
45. AÇIK L., Project Supported by Higher Education Institutions, Restriction fragment Length polymorphisms kullanılarak allium türlerinin analizi, 1995 - 1995

Awards

1. Açık L., En çok yayın yapma ödülü, G.Ü. Fen Fak. Dekanlığı, May 2018
2. Açık L., Bölümde en çok yayın yapan kişi, G.Ü. Fen Fakültesi Dekanlığı, March 2015
3. Açık L., SCI- Yayın ödülü, Gazi Üniversitesi Rektörlüğü, June 2014
4. Bali E. B., Açık L., Sarper M., Elçi P., Avçu F., Vural M., Achillea teretifolia Willd. Özütlerinin Du145 Prostat Kanseri Hücre Dizisi Üzerine Sitotoksik Etkisi, Xxv. Ulusal Biyokimya Kongresi, Poster Ödülü, September 2013
5. Açık L., SCI- Yayın ödülü, Gazi Üni. Rektörlüğü, May 2012
6. Açık L., SCI- Yayın ödülü, Gazi Üniversitesi Rektörlüğü, July 2011
7. Açık L., NOVARTİS makale ödülü, Novartis, January 2011
8. Açık L., SC Yayın Ödülü, Gazi Üniversitesi Rektörlüğü, May 2010

Scholarships

YÖK Doktora bursu, YOK, 1987 - 1992

Jury Memberships

- Award, International Junior Science Olympiad 2021, Gazi University, December, 2021
Award, International Biology Olympiad (IBO), Gazi University, August, 2021
Award, Turkish Academy of Sciences, TÜBA-GEBİP, Gazi Üniversitesi, June, 2021
Award, Tübitak Bilim Ödülleri, Gazi University, June, 2021
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, October, 2020
Award, TÜBA-GEBİP Ödülü, Gazi University, August, 2020
Award, International Biology Olympiad (IBO), Gazi University, August, 2020

Doctorate, Doctorate, The University of Agriculture, March, 2020

Doctorate, Doctorate, Gazi Üniversitesi, January, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Phosphorus-nitrogen compounds. Part 58. Syntheses, structural characterizations and biological activities of 4-fluorobenzyl-spiro(N/O)cyclotriphosphazene derivatives**
Binici A., Elmas G., Okumuş A., Erden Tayhan S., Hökelek T., Seker B. N., Açık L., Kılıç Z.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.1, pp.298-318, 2023 (SCI-Expanded)
2. **Phosphorus-nitrogen compounds. Part 67. The reactions of Mono/bis (4-fluorobenzyl)spiro(N/N)cyclotriphosphazenes with sodium(3-amino-1-propanoxide): investigation of spectral properties, DNA-cleavage and antimicrobial activities**
OKUMUŞ A., ELMAS G., Kılıç Z., Gonder L. Y., AÇIK L.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.198, no.3, pp.272-282, 2023 (SCI-Expanded)
3. **PDCD4 and MIR-21 are promising biomarkers in the follow-up of OED in liquid biopsies**
Arslan Bozdag L., AÇIK L., ERSOY D. E., Bayır Ö., Korkmaz M. H., MOLLAOĞLU N., GÜLTEKİN S. E.
Oral Diseases, 2023 (SCI-Expanded)
4. **Phosphorus-nitrogen compounds: Part 69—Unsymmetrical dispiro(N/N)cyclotriphosphazenes containing different pendant arms: syntheses, characterization, stereogenism, photophysical and bioactivity studies**
CEMALOĞLU R., ASMAFİLİZ N., Çoşut B., Kılıç Z., SABAH B. N., AÇIK L., MERGEN H., Hökelek T.
Research on Chemical Intermediates, vol.49, 2023 (SCI-Expanded)
5. **Phosphorus-nitrogen compounds: part 68. Synthesis, characterization, stereogenism, photophysical and bioactivity studies of novel unsymmetrical dispiro(<i>N</i>/<i>N</i>)cyclotriphosphazenes with carbazolyl and 4-chlorobenzyl pendant arms**
CEMALOĞLU R., ASMAFİLİZ N., Kılıç Z., ÇOŞUT B., SABAH B. N., AÇIK L., Cerci N. A., HÖKELEK T.
NEW JOURNAL OF CHEMISTRY, vol.47, no.4, pp.1900-1915, 2022 (SCI-Expanded)
6. **Comparative evaluation of the antifungal efficacy of sodium hypochlorite, chlorhexidine, and silver nanoparticles against Candida albicans**
Öncü A., Çelikten B., Aydın B., Amasya G., Açık L., Sevimay F. S.
MICROSCOPY RESEARCH AND TECHNIQUE, vol.85, no.12, pp.3755-3760, 2022 (SCI-Expanded)
7. **Phosphorus-nitrogen compounds. Part 65. Novel diansa-spiro-cyclotetraphosphazenes: synthesis, characterization, bioactivity and electrochemical properties, and dye-sensitized solar cell fabrication studies**
Mutlu G., OKUMUŞ A., ELMAS G., Kılıç Z., GÜZEL R., SABAH B. N., AÇIK L., MERGEN H., Hökelek T.
NEW JOURNAL OF CHEMISTRY, vol.46, no.38, pp.18384-18401, 2022 (SCI-Expanded)
8. **Phosphorus-nitrogen compounds. Part 62. Preparation of tetraaminobis (4-fluorobenzyl)spiro(N/N)cyclotriphosphazenes: Chemical, structural characterizations, antimicrobial, antioxidant and DNA-binding activity studies**
Okumuş A., Elmas G., Binici A., Aydın B., Açık L., Kılıç Z., Hökelek T.
INORGANICA CHIMICA ACTA, vol.538, 2022 (SCI-Expanded)
9. **Phosphorus-nitrogen compounds. Part 64. Comparative reactions of spiro and ansa (N/O) cyclotetraphosphazenes with bulky (4-fluorobenzyl) N/N and N/O donor type bidentate reagents: structure, stereogenic properties and cytotoxic activity studies**
ELMAS G., Binici A., YAKUT M., OKUMUŞ A., Kılıç Z., ÇOŞUT B., HÖKELEK T., Cerci N. A., AÇIK L.
NEW JOURNAL OF CHEMISTRY, vol.46, no.33, pp.16096-16113, 2022 (SCI-Expanded)
10. **Phosphorus-nitrogen compounds: part 57-Syntheses of tetrachloro- and tetraaminobenzylspiro(N/N) cyclotriphosphazenes: chemical, structural characterizations, bioactivity and molecular docking studies**

- Berberoglu I., CEMALOĞLU R., ASMAFİLİZ N., Kılıç Z., Zeyrek C. T., AÇIK L., Koyunoglu D., TÜRK M., HÖKELEK T. RESEARCH ON CHEMICAL INTERMEDIATES, vol.48, no.7, pp.3189-3219, 2022 (SCI-Expanded)
11. **Phosphorus-nitrogen compounds: part 53-synthesis, characterization, cytotoxic and antimicrobial activity, DNA interaction and molecular docking studies of new mono- and dispirocyclotriphosphazenes with pendant arm(s)**
Isçan O., Cemaloglu R., Asmafılız N., Zeyrek C. T., Kılıç Z., AÇIK L., AYDIN B., Turk M., HÖKELEK T. MOLECULAR DIVERSITY, vol.26, no.2, pp.1077-1100, 2022 (SCI-Expanded)
12. **Phosphorus-nitrogen compounds part 59. The syntheses of tetrachloro and tetraamino-2-pyridylmethylspiro(N/N)ethylenediaminocyclotriphosphazenes: Structural characterization, bioactivity, and molecular docking studies**
Bozkurt B., ELMAS G., YAKUT M., OKUMUŞ A., Cerci N. A., Zeyrek C. T., Kılıç Z., AÇIK L., HÖKELEK T. JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.69, no.2, pp.310-331, 2022 (SCI-Expanded)
13. **Phosphorus-nitrogen compounds. Part 56. Comparative syntheses and spectral properties of multiheterocyclic 2-cis-4-ansa and spiro-ferrocenyl (N/O)cyclotetraphosphazenes: Antituberculosis and antimicrobial activity and DNA interaction studies**
Binici A., OKUMUŞ A., Yakut M., ELMAS G., KILIÇ Z., Koyunoglu D., AÇIK L., ŞİMŞEK H. PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.197, no.1, pp.18-29, 2022 (SCI-Expanded)
14. **New Heterobimetallic Ferrocenyl Dithiophosphonato Cd(II) and Hg(II) Complexes: DNA Interactions, Antimicrobial and Anticancer Activity Studies of the Cd(II) Complexes**
SAĞLAM E. G., AKKOÇ S., ACAR N., Dal H., Tutsak O., AÇIK L., Celik S. P. CHEMISTRYSELECT, vol.6, no.44, pp.12496-12505, 2021 (SCI-Expanded)
15. **Phosphorus-nitrogen compounds Part 55. Syntheses of 4-methoxybenzylspiro(N/N)cyclotriphosphazenes: chemical, structural and biological properties**
Güven Kuzey N., Cemaloglu R., Yakut M., Asmafılız N., Kılıç Z., Aydin B., Açık L., Hökelek T. RESEARCH ON CHEMICAL INTERMEDIATES, vol.47, no.10, pp.3933-3962, 2021 (SCI-Expanded)
16. **Antibacterial Efficiencies of CVD-PECVD Graphene Nanostructures Synthesized onto Glass and Nickel Substrates against Escherichia coli and Staphylococcus aureus Bacteria**
ORHAN E., AYDIN B., AÇIK L., ÖZ F., Varzakas T. APPLIED SCIENCES-BASEL, vol.11, no.17, 2021 (SCI-Expanded)
17. **Synthesis of Bis(2,2,3,3-tetrafluoro-1,4-butanedialkoxy)-2-trans-6-bis(4-fluorobenzyl)spirocyclotetraphosphazene: Structural Characterization, Biological Activity and DFT Studies**
ELMAS G., KILIÇ Z., ÇOŞUT B., Kesan G., AÇIK L., Cam M., TUNALI B. Ç., TÜRK M., HÖKELEK T. JOURNAL OF CHEMICAL CRYSTALLOGRAPHY, vol.51, no.2, pp.235-250, 2021 (SCI-Expanded)
18. **The comparative reactions of 2-cis-4-ansa and spiro cyclotetraphosphazenes with difunctional ligands: Structural and stereogenic properties, electrochemical, antimicrobial and cytotoxic activity studies**
OKUMUŞ A., ELMAS G., KILIÇ Z., Binici A., Ramazanoglu N., AÇIK L., ÇOŞUT B., HÖKELEK T., GÜZEL R., TUNALI B. Ç., et al. APPLIED ORGANOMETALLIC CHEMISTRY, vol.35, no.4, 2021 (SCI-Expanded)
19. **Mono- and dispirocyclotriphosphazenes containing 4-bromobenzyl pendant arm(s): Synthesis, spectroscopy, crystallography and biological activity studies**
Kuzey N. G., ÖZGÜR M., Cemaloglu R., ASMAFİLİZ N., KILIÇ Z., AÇIK L., AYDIN B., HÖKELEK T. JOURNAL OF MOLECULAR STRUCTURE, vol.1220, 2020 (SCI-Expanded)
20. **Phosphorus-nitrogen compounds. Part 48. syntheses of the phosphazinium salts containing 2-pyridyl pendant arm: structural characterizations, thermal analysis, antimicrobial and cytotoxic activity studies**
ELMAS G., OKUMUŞ A., KILIÇ Z., Ozbeden P., AÇIK L., TUNALI B. Ç., TÜRK M., Cerci N. A., HÖKELEK T. INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.59, no.4, pp.533-550, 2020 (SCI-Expanded)

21. **Synthesis and spectroscopic properties of (N/O) mono- and dispirocyclotriphosphazene derivatives with benzyl pendant arms: study of biological activity**
Isçan O., Cemaloglu R., ASMAFİLİZ N., KILIÇ Z., AÇIK L., Ozbeden P., HÖKELEK T.
TURKISH JOURNAL OF CHEMISTRY, vol.44, no.1, pp.15-40, 2020 (SCI-Expanded)
22. **Phosphorus-nitrogen compounds: Part 46. The reactions of N3P3Cl₆ with bidentate and monodentate ligands: The syntheses, structural characterizations, antimicrobial and cytotoxic activities, and DNA interactions of (N/N)spirocyclotriphosphazenes with 4-chlorobenzyl pendant arm**
ASMAFİLİZ N., Berberoglu I., ÖZGÜR M., KILIÇ Z., Kayalak H., AÇIK L., TÜRK M., HÖKELEK T.
INORGANICA CHIMICA ACTA, vol.495, 2019 (SCI-Expanded)
23. **Novel benzildihydrazone based Schiff bases: Syntheses, characterization, thermal properties, theoretical DFT calculations and biological activity studies**
ELMACI G., Duyar H., AYDINER B., Yahaya I., SEFEROĞLU N., ŞAHİN E., Celik S. P., AÇIK L., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1184, pp.271-280, 2019 (SCI-Expanded)
24. **Phosphorus-nitrogen compounds. Part 42. The comparative syntheses of 2-cis-4ansa(N/O) and spiro(N/O) cyclotetraphosphazene derivatives: spectroscopic and crystallographic characterization, antituberculosis and cytotoxic activity studies**
Binici A., OKUMUŞ A., ELMAS G., KILIÇ Z., Ramazanoglu N., AÇIK L., Simsek H., TUNALI B. Ç., TÜRK M., GÜZEL R., et al.
NEW JOURNAL OF CHEMISTRY, vol.43, no.18, pp.6856-6873, 2019 (SCI-Expanded)
25. **A novel Trans-Pt(II) complex bearing 2-acetoxyethylbenzimidazole as a non-leaving ligand (trans-[Pt(AMBi)(2)Cl-2]): Synthesis, antiproliferative activity, DNA interaction and molecular docking studies compared with its cis isomer (cis-[Pt(AMBi)(2)Cl-2])**
EREN G., EMERCE E., AÇIK L., AYDIN B., Gümüş F.
JOURNAL OF MOLECULAR STRUCTURE, vol.1184, pp.512-518, 2019 (SCI-Expanded)
26. **Phosphorus-Nitrogen compounds part 47: The conventional and microwave-assisted syntheses of dispirocyclotriphosphazene derivatives with (4-fluoro/4-nitrobenzyl) pendant arms: Structural and stereogenic properties and DNA interactions**
Tanrikulu G. I., ÖZGÜR M., OKUMUŞ A., KILIÇ Z., HÖKELEK T., AYDIN B., AÇIK L.
INORGANICA CHIMICA ACTA, vol.490, pp.179-189, 2019 (SCI-Expanded)
27. **Studies on the synthesis, characterization, cytotoxic activities and plasmid DNA binding of platinum(II) complexes having 2-substituted benzimidazole ligands**
Gözelle M., Kılıç Süloğlu A., Selmanoğlu G., Ramazanoglu N., Açıklı, Gümüş F.
POLYHEDRON, vol.161, pp.298-308, 2019 (SCI-Expanded)
28. **Phosphorus-nitrogen compounds. Part 44. The syntheses of N,N-spiro bridged cyclotriphosphazene derivatives with (4-fluorobenzyl) pendant arms: Structural and stereogenic properties, DNA interactions, antimicrobial and cytotoxic activities**
Ozturk E., OKUMUŞ A., KILIÇ Z., KILIÇ A., Kayalak H., AÇIK L., Cerci N. A., TÜRK M., HÖKELEK T.
INORGANICA CHIMICA ACTA, vol.486, pp.172-184, 2019 (SCI-Expanded)
29. **Novel fluorescent coumarin-thiophene-derived Schiff bases: Synthesis, effects of substituents, photophysical properties, DFT calculations, and biological activities**
Yahaya I., Chemchem M., AYDINER B., SEFEROĞLU N., Tepe F. E., AÇIK L., Cerci N. A., TÜRK M., SEFEROĞLU Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.368, pp.296-306, 2019 (SCI-Expanded)
30. **Synthesis, cytotoxic and biological activities of new partly and fully mono- and dispiro-4-methoxybenzylaminophosphazenes.**
Kuzey N. G., Asmafiz N., Acik L., Aydin B., Turk M., Cerci N.
MOLECULAR BIOLOGY OF THE CELL, vol.29, no.26, 2018 (SCI-Expanded)
31. **Phosphorus-nitrogen compounds: Part 43. Syntheses, spectroscopic characterizations and antimicrobial activities of cis- and trans-N/O dispirocyclotriphosphazenes containing ferrocenyl pendant arms**
TÜMER Y., ASMAFİLİZ N., KILIÇ Z., AYDIN B., AÇIK L., HÖKELEK T.
JOURNAL OF MOLECULAR STRUCTURE, vol.1173, pp.885-893, 2018 (SCI-Expanded)

32. **Phosphorus-nitrogen compounds. Part 41. Ferrocenyl pendant-armed spirocyclopiperidinocyclotriphosphazatrienes: Langmuir-Blodgett thin films and biological activity studies**
ASMAFİLİZ N., Civan M., Uzunalioglu N., Ozben A., KILIÇ Z., Kayalak H., AÇIK L., HÖKELEK T.
JOURNAL OF CHEMICAL SCIENCES, vol.130, no.11, 2018 (SCI-Expanded)
33. **Synthesis and DNA binding of new adenine derivatives incorporating 5-((Alkylthio)-1,3,4-oxadiazol-2-yl)methyl moiety**
YILDIRIR Y., Cetin A., Ozkan H., YAVUZ S., AÇIK L., Celik S. P.
MEDICINAL CHEMISTRY RESEARCH, vol.27, no.8, pp.2027-2033, 2018 (SCI-Expanded)
34. **Phosphorus-nitrogen compounds. Part 40. The syntheses of (4-fluorobenzyl) pendant armed cyclotetraphosphazene derivatives: Spectroscopic, crystallographic and stereogenic properties, DNA interactions and antimicrobial activities**
ELMAS G., OKUMUŞ A., KILIÇ Z., Cam M., AÇIK L., HÖKELEK T.
INORGANICA CHIMICA ACTA, vol.476, pp.110-122, 2018 (SCI-Expanded)
35. **Phosphorus-nitrogen compounds. Part 39. Syntheses and Langmuir-Blodgett thin films and antimicrobial activities of N/N and N/O spirocyclotriphosphazenes with monoferrocenyl pendant arm**
ASMAFİLİZ N., Civan M., Ozben A., KILIÇ Z., Ramazanoglu N., AÇIK L., HÖKELEK T.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.32, no.4, 2018 (SCI-Expanded)
36. **Syntheses, spectroscopic and crystallographic characterizations of cis- and trans-dispirocyclic ferrocenylphosphazenes: molecular dockings, cytotoxic and antimicrobial activities**
TÜMER Y., ASMAFİLİZ N., Zeyrek C. T., KILIÇ Z., AÇIK L., Celik S. P., TÜRK M., TUNALI B. Ç., ÜNVER H., HÖKELEK T.
NEW JOURNAL OF CHEMISTRY, vol.42, no.3, pp.1740-1756, 2018 (SCI-Expanded)
37. **Phosphorus-nitrogen compounds. part 38. Syntheses, characterizations, cytotoxic, antituberculosis and antimicrobial activities and DNA interactions of spirocyclotetraphosphazenes with bis-ferrocenyl pendant arms**
ELMAS G., OKUMUŞ A., Cemaloglu R., KILIÇ Z., Celik S. P., AÇIK L., TUNALI B. Ç., TÜRK M., Cerci N. A., GÜZEL R., et al.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.853, pp.93-106, 2017 (SCI-Expanded)
38. **Coumarin-indole conjugate donor-acceptor system: Synthesis, photophysical properties, anion sensing ability, theoretical and biological activity studies of two coumarin-indole based push-pull dyes**
Aksungur T., AYDINER B., SEFEROĞLU N., ÖZKÜTÜK M., Arslan L., Reis Y., AÇIK L., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1147, pp.364-379, 2017 (SCI-Expanded)
39. **Synthesis, characterization and DNA binding studies of platinum(II) complexes with benzimidazole derivative ligands**
TARI Ö., Gümüş F., AÇIK L., AYDIN B.
BIOORGANIC CHEMISTRY, vol.74, pp.272-283, 2017 (SCI-Expanded)
40. **Phosphorus-nitrogen compounds. Part 37. Syntheses and structural characterizations, biological activities of mono and bis(4-fluorobenzyl)spirocyclotetraphosphazenes**
ELMAS G., OKUMUŞ A., Sevinc P., KILIÇ Z., AÇIK L., Atalan M., TÜRK M., Deniz G., HÖKELEK T.
NEW JOURNAL OF CHEMISTRY, vol.41, no.13, pp.5818-5835, 2017 (SCI-Expanded)
41. **SYNTHESIS, CHARACTERIZATION AND DNA INTERACTION OF NOVEL PLATINUM(II) COMPLEXES CONTAINING SUBSTITUTED BENZIMIDAZOLE LIGANDS**
Nzeyimana A., UTKU S., AÇIK L., ÇELEBİ KESKİN A.
REVUE ROUMAINE DE CHIMIE, vol.62, no.3, pp.227-236, 2017 (SCI-Expanded)
42. **The reactions of N3P3Cl₆ with monodentate and bidentate ligands: the syntheses and structural characterizations, in vitro antimicrobial activities, and DNA interactions of 4-fluorobenzyl(N/O)spirocyclotriphosphazenes**
OKUMUŞ A., ELMAS G., KILIÇ Z., Ramazanoglu N., AÇIK L., TÜRK M., AKCA G.
TURKISH JOURNAL OF CHEMISTRY, vol.41, no.4, pp.525-547, 2017 (SCI-Expanded)
43. **Investigation of glucocorticoid receptor and calpain-10 gene polymorphisms in Turkish patients with**

- type 2 diabetes mellitus**
Bayramci N. S., AÇIK L., Kalkan C., YETKİN İ.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.5, pp.1568-1575, 2017 (SCI-Expanded)
44. **Phosphorus-nitrogen compounds. Part 35. Syntheses, spectroscopic and electrochemical properties, and antituberculosis, antimicrobial and cytotoxic activities of mono-ferrocenyl-spirocyclotetraphosphazenes**
OKUMUŞ A., ELMAS G., Cemaloglu R., AYDIN B., Binici A., Simsek H., AÇIK L., TÜRK M., GÜZEL R., KILIÇ Z., et al.
NEW JOURNAL OF CHEMISTRY, vol.40, no.6, pp.5588-5603, 2016 (SCI-Expanded)
45. **Phosphorus nitrogen compounds: Part 34. Syntheses, structural investigations, cytotoxic and biological activities of spiro-ansa-spiro and spiro-bino-spiro tetrameric phosphazene derivatives**
Berberoglu I., ASMAFİLİZ N., KILIÇ Z., HÖKELEK T., Koc L. Y., AÇIK L., TÜRK M., Soltanzade H., DAL H.
INORGANICA CHIMICA ACTA, vol.446, pp.75-86, 2016 (SCI-Expanded)
46. **Phosphorus-nitrogen compounds part 33: in vitro cytotoxic and antimicrobial activities, DNA interactions, syntheses, and structural investigations of new mono(4-nitrobenzyl)spirocyclotriphosphazenes**
OKUMUŞ A., AKBAŞ H., KILIÇ Z., Koc L. Y., AÇIK L., AYDIN B., TÜRK M., HÖKELEK T., DAL H.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.42, no.5, pp.4221-4251, 2016 (SCI-Expanded)
47. **Phosphorus-nitrogen compounds Part 32. Structural and thermal characterizations, antimicrobial and cytotoxic activities, and in vitro DNA binding of the phosphazeni salts**
AKBAŞ H., OKUMUŞ A., KARADAĞ A., Kılıç Z., HÖKELEK T., Koc L. Y., AÇIK L., AYDIN B., TÜRK M.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.123, no.2, pp.1627-1641, 2016 (SCI-Expanded)
48. **Genetic identification for some fusarium spp. using random amplified polymorphic DNA polymerase chain reaction (RAPD-PCR) technique**
ÇELEBİ KESKİN A., Acnik L., Araz A., GÜLER P.
Fresenius Environmental Bulletin, vol.25, no.12, pp.5611-5617, 2016 (SCI-Expanded)
49. **Synthesis, (E)/(Z)-isomerization, and DNA binding, antibacterial, and antifungal activities of novel oximes and O-substituted oxime ethers**
Kucuk H. B., Yusufoglu A. S., AÇIK L., AYDIN B., Arslan L.
TURKISH JOURNAL OF CHEMISTRY, vol.40, no.5, pp.816-829, 2016 (SCI-Expanded)
50. **Phosphorus-nitrogen compounds. Part 36. Syntheses, Langmuir-Blodgett thin films and biological activities of spiro-bino-spiro trimeric phosphazenes**
ASMAFİLİZ N., KILIÇ Z., Civan M., Avci O., Gonder L. Y., AÇIK L., AYDIN B., Turk M., HÖKELEK T.
NEW JOURNAL OF CHEMISTRY, vol.40, no.11, pp.9609-9626, 2016 (SCI-Expanded)
51. **In vitro anti-oxidant, cytotoxic and pro-apoptotic effects of Achillea teretifolia Willd extracts on human prostate cancer cell lines**
BALİ E. B., AÇIK L., Elci P., Sarper M., Avcu F., Vural M.
PHARMACOGNOSY MAGAZINE, vol.11, no.44, 2015 (SCI-Expanded)
52. **Genetic Differentiation of Lactobacillus delbrueckii subsp bulgaricus and Streptococcus thermophilus Strains Isolated from Raw Milk Samples Collected from Different Regions of Turkey**
YILMAZ R., Temiz A., AÇIK L., ÇELEBİ KESKİN A.
FOOD BIOTECHNOLOGY, vol.29, no.4, pp.336-355, 2015 (SCI-Expanded)
53. **Phosphorus-nitrogen compounds: Part 31. Syntheses, structural and stereogenic properties, in vitro cytotoxic and antimicrobial activities, and DNA interactions of bicyclotetraphosphazenes containing bulky side group**
Mutlu G., ELMAS G., KILIÇ Z., HÖKELEK T., Koc L. Y., TÜRK M., AÇIK L., AYDIN B., DAL H.
INORGANICA CHIMICA ACTA, vol.436, pp.69-81, 2015 (SCI-Expanded)
54. **Arylstyrylimidazo[1,2-a]pyridine-based donor-acceptor acidochromic fluorophores: Synthesis, photophysical, thermal and biological properties**
AYDINER B., Yalcin E., Ihmels H., Arslan L., AÇIK L., SEFEROĞLU Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.310, pp.113-121, 2015 (SCI-Expanded)
55. **Novel copper(II) complexes of p-tert-butylcalix[4]arene diamide derivatives: synthesis,**

- antimicrobial and DNA cleavage activities**
Oezkan S. C., YILMAZ A., ARSLAN E., AÇIK L., Sayin U., Mutlu E. G.
SUPRAMOLECULAR CHEMISTRY, vol.27, no.4, pp.255-267, 2015 (SCI-Expanded)
56. **DNA cleavage, antimicrobial studies and a DFT-based QSAR study of new antimony(III) complexes as glutathione reductase inhibitor**
TUNÇ T., Koc Y., AÇIK L., KARACAN M. S., KARACAN N.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.136, pp.1418-1427, 2015 (SCI-Expanded)
57. **Phosphorus-nitrogen compounds: part 30. Syntheses and structural investigations, antimicrobial and cytotoxic activities and DNA interactions of vanillinato-substituted NN or NO spirocyclic monoferrocenyl cyclotriphosphazenes**
TÜMER Y., Koc L. Y., ASMAFİLİZ N., KILIÇ Z., HÖKELEK T., Soltanzade H., AÇIK L., YOLA M. L., Solak A. O.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, vol.20, no.1, pp.165-178, 2015 (SCI-Expanded)
58. **Syntheses, structural characterization and biological activities of spiro-ansa-spiro-cyclotriphosphazenes**
Basterzi N. S., BİLGE KOÇAK S., OKUMUŞ A., KILIÇ Z., HÖKELEK T., ÇELİK Ö., TÜRK M., Koc L. Y., AÇIK L., AYDIN B.
NEW JOURNAL OF CHEMISTRY, vol.39, no.11, pp.8825-8839, 2015 (SCI-Expanded)
59. **SYNTHESIS, CHARACTERIZATION AND pBR322 PLASMID DNA INTERACTION OF PLATINUM(II) COMPLEXES WITH IMIDAZOLE AND 2-PHENYLIMIDAZOLE AS CARRIER LIGANDS**
Bogatarkan C., UTKU S., AÇIK L.
REVUE ROUMAINE DE CHIMIE, vol.60, no.1, pp.59-64, 2015 (SCI-Expanded)
60. **Phosphorus-nitrogen compounds. Part 29. Syntheses, crystal structures, spectroscopic and stereogenic properties, electrochemical investigations, antituberculosis, antimicrobial and cytotoxic activities and DNA interactions of ansa-spiro-ansa cyclotetraphosphazenes**
ELMAS G., OKUMUŞ A., Koc L. Y., Soltanzade H., KILIÇ Z., HÖKELEK T., DAL H., AÇIK L., ÜSTÜNDAĞ Z., DÜNDAR D., et al.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.87, pp.662-676, 2014 (SCI-Expanded)
61. **Synthesis, in-vitro cytotoxic activity and DNA interactions of new dicarboxylatoplatinum(II) complexes with 2-hydroxymethylbenzimidazole as carrier ligands**
UTKU S., ÖZÇELİK A. B., Gumus F., Yilmaz S., Arsoy T., AÇIK L., ÇELEBİ KESKİN A.
JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.66, no.11, pp.1593-1605, 2014 (SCI-Expanded)
62. **Study on the synthesis and properties of polyacrylamide/Na-montmorillonite nanocomposites**
Koc Z., ÇELİK M., ÖNAL M., SARIKAYA Y., Oner Y., AÇIK L.
JOURNAL OF COMPOSITE MATERIALS, vol.48, no.4, pp.439-446, 2014 (SCI-Expanded)
63. **The effect of calpain-10 gene polymorphism on the development of type 2 diabetes mellitus in a Turkish population**
Arslan E., AÇIK L., Gunaltılı G., Ayvaz G., Altinova A., Arslan M.
ENDOKRYNOLOGIA POLSKA, vol.65, no.2, pp.90-95, 2014 (SCI-Expanded)
64. **Investigation of potential virulence genes and antibiotic resistance characteristics of Enterococcus faecalis isolates from human milk and colostrum samples**
ÖZMEN TOĞAY S., Temiz A., ÇELEBİ KESKİN A., AÇIK L., YALÇIN S. S.
TURKISH JOURNAL OF BIOLOGY, vol.38, no.3, pp.357-364, 2014 (SCI-Expanded)
65. **PHOSPHORUS-NITROGEN COMPOUNDS: PART 25. SYNTHESSES, SPECTROSCOPIC, STRUCTURAL AND ELECTROCHEMICAL INVESTIGATIONS, ANTIMICROBIAL ACTIVITIES, AND DNA INTERACTIONS OF FERROCENYLDIAMINOCYCLOTRIPHOSPHAZENES**
ASMAFİLİZ N., KILIÇ Z., ÖZTÜRK A., Suzen Y., Hokelek T., AÇIK L., Celik Z. B., Koc L. Y., Yola M. L., ÜSTÜNDAĞ Z.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.188, no.12, pp.1723-1742, 2013 (SCI-Expanded)
66. **Phosphorus-nitrogen compounds part 27. Syntheses, structural characterizations, antimicrobial and cytotoxic activities, and DNA interactions of new phosphazenes bearing secondary amino and pendant (4-fluorobenzyl)spiro groups**

- AKBAŞ H., OKUMUŞ A., KILIÇ Z., HÖKELEK T., SÜZEN Y., Koc L. Y., AÇIK L., Celik Z. B.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.70, pp.294-307, 2013 (SCI-Expanded)
67. **Phosphorus-nitrogen compounds: Part 28. Syntheses, structural characterizations, antimicrobial and cytotoxic activities, and DNA interactions of new phosphazenes bearing vanillinato and pendant ferrocenyl groups**
TÜMER Y., ASMAFİLİZ N., KILIÇ Z., HÖKELEK T., Koc L. Y., AÇIK L., YOLA M. L., SOLAK A. O., Oner Y., DÜNDAR D., et al.
JOURNAL OF MOLECULAR STRUCTURE, vol.1049, pp.112-124, 2013 (SCI-Expanded)
68. **Syntheses, spectroscopic properties, crystal structures, biological activities, and DNA interactions of heterocyclic amine substituted spiro-ansa-spiro- and spiro-bino-spiro-phosphazenes**
BİLGE KOÇAK S., Kocoglu S., OKUMUŞ A., KILIÇ Z., Ozturk A., HÖKELEK T., Oner Y., AÇIK L.
INORGANICA CHIMICA ACTA, vol.406, pp.160-170, 2013 (SCI-Expanded)
69. **Phosphorus-nitrogen compounds: Part 26. Syntheses, spectroscopic and structural investigations, biological and cytotoxic activities, and DNA interactions of mono and bisferrocenylspirocyclotriphosphazenes**
ASMAFİLİZ N., KILIÇ Z., HÖKELEK T., Koc L. Y., AÇIK L., SÜZEN Y., Oner Y.
INORGANICA CHIMICA ACTA, vol.400, pp.250-261, 2013 (SCI-Expanded)
70. **Synthesis of some novel amino and thiotetrazole purine derivatives and investigation of their antimicrobial activity and DNA interactions**
Celik G. D., DİŞLİ A., Oner Y., AÇIK L.
MEDICINAL CHEMISTRY RESEARCH, vol.22, no.3, pp.1470-1479, 2013 (SCI-Expanded)
71. **Localization and distribution of nickel and other elements in in-vitro grown Alyssum corsicum exhibiting morphological changes in trichomes: initial insights into molecular mechanisms of nickel hyperaccumulation**
BABAOĞLU AYDAŞ S. S., AÇIK L., Leduc D., Adiguzel N., ELLİALTIOĞLU Ş. Ş., Suludere Z., KADIOĞLU Y. K.
TURKISH JOURNAL OF BOTANY, vol.37, no.6, pp.1115-1124, 2013 (SCI-Expanded)
72. **Phosphorus-Nitrogen Compounds. Part 24. Syntheses, Crystal Structures, Spectroscopic and Stereogenic Properties, Biological Activities, and DNA Interactions of Novel Spiro-ansa-spiro- and Ansa-spiro-ansa-cyclotetraphosphazenes**
ELMAS G., OKUMUŞ A., KILIÇ Z., HÖKELEK T., AÇIK L., DAL H., Ramazanoglu N., Koc L. Y.
INORGANIC CHEMISTRY, vol.51, no.23, pp.12841-12856, 2012 (SCI-Expanded)
73. **Cytotoxicity and DNA interactions of some platinum(II) complexes with substituted benzimidazole ligands**
ÖZÇELİK A. B., UTKU S., Gumus F., ÇELEBİ KESKİN A., AÇIK L., Yilmaz S., Ozgungor A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.27, no.3, pp.413-418, 2012 (SCI-Expanded)
74. **Synthesis of Some Novel Thiocyanotopurine Derivatives and Investigation of Their Antimicrobial Activity and DNA Interactions**
Celik G. D., DİŞLİ A., Oner Y., AÇIK L.
CHEMICAL & PHARMACEUTICAL BULLETIN, vol.60, no.5, pp.578-582, 2012 (SCI-Expanded)
75. **Synthesis and Characterization of Acrylic Fibers-g-Polyacrylamide**
ÇELİK M., Qudrat M. L., Akyuz E., AÇIK L.
FIBERS AND POLYMERS, vol.13, no.2, pp.145-152, 2012 (SCI-Expanded)
76. **Phosphorus-nitrogen compounds. Part 23: Syntheses, structural investigations, biological activities, and DNA interactions of new N/O spirocyclotriphosphazenes**
ASMAFİLİZ N., KILIÇ Z., HAYVALI Z., AÇIK L., HÖKELEK T., DAL H., Oner Y.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.86, pp.214-223, 2012 (SCI-Expanded)
77. **Biogeochemical interrelations between the Cayirhan oil shales and some plants growing on them (Turkey)**
Pehlivanli B. Y., KOÇ Ş., Ergin E., SARI A., Acik L., Vural M.
TURKISH JOURNAL OF BOTANY, vol.36, no.5, pp.503-518, 2012 (SCI-Expanded)

78. **Antimicrobial properties and DNA interactions studies of 3-hetarylazoquinoline-2,4-diol compounds**
Ozturk F., AÇIK L., ŞENER İ., KARCI F., KILIÇ E.
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.2, pp.293-302, 2012 (SCI-Expanded)
79. **Two new species of Cephalaria (Caprifoliaceae) from Turkey**
GÖKTÜRK R. S., SÜMBÜL H., ÇELEBİ KESKİN A., AÇIK L.
TURKISH JOURNAL OF BOTANY, vol.36, no.4, pp.311-321, 2012 (SCI-Expanded)
80. **Phosphorus-nitrogen compounds part 22. Syntheses, structural investigations, biological activities and DNA interactions of new mono and bis (4-fluorobenzyl) spirocyclophosphazenes**
OKUMUŞ A., KILIÇ Z., HÖKELEK T., DAL H., AÇIK L., Oner Y., Koc L. Y.
POLYHEDRON, vol.30, no.17, pp.2896-2907, 2011 (SCI-Expanded)
81. **GENETIC ANALYSIS OF RHODODENDRON MUTANTS USING RANDOM AMPLIFIED POLYMORPHIC DNA (RAPD)**
ATAK Ç., ÇELİK Ö., AÇIK L.
PAKISTAN JOURNAL OF BOTANY, vol.43, no.2, pp.1173-1182, 2011 (SCI-Expanded)
82. **Antimicrobial and antioxidant activities of Cynanchum acutum, Cionura erecta and Trachomitum venetum subsp sarmatiense grown wild in Turkey**
Demir H., Ergin E., AÇIK L., Vural M.
JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.9, no.1, pp.186-189, 2011 (SCI-Expanded)
83. **Investigation of mitochondrial DNA of some West Anatolian Gammarus species (Crustacea: Amphipoda) by PCR-RAPD techniques**
Alanyali F. S., AÇIK L., Ozata A., KUTLU H. M.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, vol.36, no.3, pp.207-212, 2011 (SCI-Expanded)
84. **Phosphorus-nitrogen compounds: Part 19. Syntheses, structural and electrochemical investigations, biological activities, and DNA interactions of new spirocyclic monoferrocenylcyclotriphosphazenes**
İlter E. E., ASMAFİLİZ N., KILIÇ Z., AÇIK L., Yavuz M., BALİ E. B., SOLAK A. O., Buyukkaya F., DAL H., HÖKELEK T.
POLYHEDRON, vol.29, no.15, pp.2933-2944, 2010 (SCI-Expanded)
85. **Virulence genes, antibiotic resistance and plasmid profiles of Enterococcus faecalis and Enterococcus faecium from naturally fermented Turkish foods**
Togay S. O., Keskin A. C., Acik L., Temiz A.
JOURNAL OF APPLIED MICROBIOLOGY, vol.109, no.3, pp.1084-1092, 2010 (SCI-Expanded)
86. **Phosphorus-Nitrogen Compounds. 21. Syntheses, Structural Investigations, Biological Activities, and DNA Interactions of New N/O Spirocyclic Phosphazene Derivatives. The NMR Behaviors of Chiral Phosphazenes with Stereogenic Centers upon the Addition of Chiral Solvating Agents**
İŞİKLAN M., ASMAFİLİZ N., Ozalp E. E., İlter E. E., KILIÇ Z., Cosut B., YEŞİLOT S., KILIÇ A., ÖZTÜRK A., HÖKELEK T., et al.
INORGANIC CHEMISTRY, vol.49, no.15, pp.7057-7071, 2010 (SCI-Expanded)
87. **Phenotypic and molecular characterization of SHV, TEM, CTX-M and extended-spectrum beta-lactamase produced by Escherichia coli, Acinobacter baumannii and Klebsiella isolates in a Turkish hospital**
BALİ E. B., AÇIK L., Sultan N.
AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, vol.4, no.8, pp.650-654, 2010 (SCI-Expanded)
88. **Biological Activities of Bellis perennis Volatiles and Extracts**
Kavalcioglu N., AÇIK L., DEMİRCİ F., Demirci B., Demir H., BAŞER K. H. C.
NATURAL PRODUCT COMMUNICATIONS, vol.5, no.1, pp.147-150, 2010 (SCI-Expanded)
89. **Comparative RAPD analysis and pollen structure studies of Bellis perennis L.**
Kavalcioglu N., AÇIK L., Pinar M.
TURKISH JOURNAL OF BOTANY, vol.34, no.6, pp.479-484, 2010 (SCI-Expanded)
90. **Detection of the cry1 gene in Bacillus thuringiensis isolates from agricultural fields and their bioactivity against two stored product moth larvae**
Bozlagan I., AYVAZ A., Ozturk F., AÇIK L., AKBULUT M., YILMAZ S.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.34, no.2, pp.145-154, 2010 (SCI-Expanded)

91. **Phosphorus-Nitrogen Compounds. 18. Syntheses, Stereogenic Properties, Structural and Electrochemical Investigations, Biological Activities, and DNA Interactions of New Spirocyclic Mono- and Bisferrocenylphosphazene Derivatives**
ASMAFİLİZ N., KILIÇ Z., Oeztuerk A., HÖKELEK T., Koc L. Y., AÇIK L., Kisa O., Albay A., ÜSTÜNDAĞ Z., SOLAK A. O.
INORGANIC CHEMISTRY, vol.48, no.21, pp.10102-10116, 2009 (SCI-Expanded)
92. **BIOSYSTEMATICS STUDIES AMONG EBENUS L. SPECIES BASED ON MORPHOLOGICAL, RAPD-PCR AND SEED PROTEIN ANALYSES IN TURKEY**
Celebi A., AÇIK L., AYTAÇ Z.
PAKISTAN JOURNAL OF BOTANY, vol.41, no.5, pp.2477-2486, 2009 (SCI-Expanded)
93. **Analysis of genetic variation among accessions of critically endangered Rhaponticoides iconiensis and Rhaponticoides mykalea based on RAPD and SDS-PAGE markers**
AÇIK L., Ozturk F., Vural M., TUGAY O., Gurcan I. S.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.8, no.10, pp.2076-2082, 2009 (SCI-Expanded)
94. **Synthesis, Cytotoxicity, and DNA Interactions of New Cisplatin Analogues Containing Substituted Benzimidazole Ligands**
Gumus F., EREN G., AÇIK L., ÇELEBİ KESKİN A., Ozturk F., Yilmaz S., Sagkan R. I., Gur S., ÖZKUL A., ELMALI A., et al.
JOURNAL OF MEDICINAL CHEMISTRY, vol.52, no.5, pp.1345-1357, 2009 (SCI-Expanded)
95. **Preparation of Comb-Type Grafted Hydrogels Composed of Polyacrylamide and Chitosan and Their Use for DNA Adsorption**
Baser B., Demirel G. B., AÇIK L., ÇAYKARA T.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.111, no.4, pp.1862-1868, 2009 (SCI-Expanded)
96. **Antioxidant and antimicrobial activities of Solidago virgaurea extracts**
Demir H., Açıklı, Bali E. B., Koc L. Y., Kaynak G.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.8, pp.274-279, 2009 (SCI-Expanded)
97. **Taxonomic Relationships in Turkish Verbascum L. Group A (Scrophulariaceae): Evidence from SDS-PAGE of Seed Proteins and a Numerical Taxonomic Study**
ÇELEBİ KESKİN A., Karaveliogulları F. A., AÇIK L., Celep F.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, vol.34, no.4, pp.234-241, 2009 (SCI-Expanded)
98. **Characterisation of coagulase positive Staphylococcus species isolated from bovine mastitis using protein and plasmid patterns**
ARSLAN E., ÇELEBİ KESKİN A., AÇIK L., UÇAN U. S.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.33, no.6, pp.493-500, 2009 (SCI-Expanded)
99. **Letter from the editor**
Açık L.
Turkish Journal of Biology, vol.32, no.3, 2008 (SCI-Expanded)
100. **Cephalaria duzceensis (Dipsacaceae), a new species from the western Black Sea region, Turkey**
Aksoy N., Süleyman Göktürk R., AÇIK L., Çelebi A.
Nordic Journal of Botany, vol.25, no.1-2, pp.64-69, 2008 (SCI-Expanded)
101. **Seed protein diversity among lentil cultivars**
YÜZBAŞIOĞLU E., Acik L., Ozcan S.
BIOLOGIA PLANTARUM, vol.52, no.1, pp.126-128, 2008 (SCI-Expanded)
102. **Untitled**
Acik L.
TURKISH JOURNAL OF BIOLOGY, vol.32, no.3, 2008 (SCI-Expanded)
103. **Isolation and Characterization of Native Bacillus thuringiensis Strains from Soil and Testing the Bioactivity of Isolates Against Ephestia Kuehniella Zeller (Lepidoptera: Pyralidae) Larvae**
Ozturk F., AÇIK L., AYVAZ A., Bozdogan B., Suludere Z.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, vol.33, no.4, pp.202-208, 2008 (SCI-Expanded)
104. **Cephalaria duzceensis (Dipsacaceae), a new species from the western Black Sea region, Turkey**
Aksoy N., GÖKTÜRK R. S., AÇIK L., ÇELEBİ KESKİN A.
NORDIC JOURNAL OF BOTANY, vol.25, pp.64-69, 2007 (SCI-Expanded)

105. Numerical analysis of *Candida* species from uriner system infections based on SDS-PAGE and detection of antifungal resistance
Duran N., ÖZTÜRK KÜP F., AÇIK L., Aslantaş Ö., Aslan G.
European Journal of General Medicine, vol.4, no.3, pp.100-106, 2007 (SCI-Expanded)
106. Analysis of genetic relationships among Turkish cultivars and breeding lines of *Lens culinatis* Mestile using RAPD markers
YÜZBAŞIOĞLU E., Ozcan S., Acik L.
GENETIC RESOURCES AND CROP EVOLUTION, vol.53, no.3, pp.507-514, 2006 (SCI-Expanded)
107. Protein patterns and plasmid profiles of the bacterial strains isolated from a poultry slaughterhouse in Ankara, Turkey
Acik L., Temiz A., Celebi A., Arslan S., YILMAZ R.
FOOD TECHNOLOGY AND BIOTECHNOLOGY, vol.43, no.3, pp.255-262, 2005 (SCI-Expanded)
108. Notes on *Campanula argaea* group (Campanulaceae) in Turkey and related species
Akcicek E., Vural M., Acik L., Celebi A.
ANNALES BOTANICI FENNICI, vol.42, no.6, pp.405-410, 2005 (SCI-Expanded)
109. Plasmids and protein patterns of *Escherichia coli* isolated from bovine mastitis in Konya, Turkey
Ucan U., Acik L., Celebi A., Erganis O., Arslan E.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.29, no.2, pp.475-480, 2005 (SCI-Expanded)
110. Acquired ocular motor apraxia from bilateral frontoparietal infarcts associated with Takayasu arteritis
Genc B., Genc E., Acik L., Ilhan S., Paksoy Y.
JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY, vol.75, no.11, pp.1651-1652, 2004 (SCI-Expanded)
111. Induced of plastid mutations in soybean plant (*Glycine max* L. Merrill) with gamma radiation and determination with RAPD
Atak C., ALİKAMANOĞLU S., Acik L., Canbolat Y.
MUTATION RESEARCH-FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS, vol.556, pp.35-44, 2004 (SCI-Expanded)
112. Taxonomic relationships in *Astragalus* sections *Hololeuce* and *Synochreati* (Fabaceae): evidence from RAPD-PCR and SDS-PAGE of seed proteins
Acik L., Ekici M., Celebi A.
ANNALES BOTANICI FENNICI, vol.41, no.5, pp.305-317, 2004 (SCI-Expanded)
113. A new species of *Cephalaria* Schrader ex Roemer & Schultes (Dipsacaceae), including a new variety from East Anatolia, Turkey
Gokturk R., Sumbul H., Acik L.
ISRAEL JOURNAL OF PLANT SCIENCES, vol.51, no.1, pp.59-65, 2003 (SCI-Expanded)
114. Distribution of HumTPOX, HumvWA, HumTH01 alleles in a Turkish population sample
Cakir A., Simsek F., Acik L., Tasdelen B.
JOURNAL OF FORENSIC SCIENCES, vol.46, no.5, pp.1257-1259, 2001 (SCI-Expanded)
115. Distribution of HLA-DQA1 and Amplitype PM locus alleles in a Turkish population sample
Cakir A., Acik L., Tasdelen B.
JOURNAL OF FORENSIC SCIENCES, vol.46, no.5, pp.1256, 2001 (SCI-Expanded)
116. Allele frequency distribution for six STR loci in Turkish population
Cakir A., Acik L., Kesici T.
JOURNAL OF FORENSIC SCIENCES, vol.46, no.4, pp.1001, 2001 (SCI-Expanded)
117. Distribution of amplified fragment length polymorphism D1S80 alleles in Turkish population
Cakir A., Acik L., Kesici T.
JOURNAL OF FORENSIC SCIENCES, vol.46, no.4, pp.1002, 2001 (SCI-Expanded)
118. A new species of *Astragalus* L (Leguminosae) from south Anatolia
Aytac Z., Ekici M., Acik L.
BOTANICAL JOURNAL OF THE LINNEAN SOCIETY, vol.136, no.1, pp.131-135, 2001 (SCI-Expanded)
119. FLUOROCYTOSINE CAUSES UNCOUPLED DISSIPATION OF THE PROTON GRADIENT AND BEHAVES AS

AN IMPERFECT SUBSTRATE OF THE YEAST CYTOSINE PERMEASE

HOPKINS P., SHAW R., ACIK L., OLIVER S., EDDY A.

YEAST, vol.8, no.12, pp.1053-1064, 1992 (SCI-Expanded)

Articles Published in Other Journals

1. **Synthesis, characterization and invitro cytotoxic activity of platinum(II) oxalato complexes involving 2-substituted imidazole or 2-substituted benzimidazole derivatives as carrier ligands**
Ertuğrul E. M., Özçelik A. B., Çerçi N. A., Açık L., Utku S.
Istanbul Journal of Pharmacy, vol.53, no.3, pp.308-313, 2023 (ESCI)
2. **Antimicrobial, Antioxidant, Cytotoxic, DNA Protective Activities, and Molecular Docking Studies of the Methanolic Extract of *Salvia siirtica* Kahraman, Celep & Dogan sp. Nov. (Lamiaceae)**
GÖNDER L. Y., AYDIN B., Ateş Y. C., PARILTI D. N., AÇIK L., ÇERÇİ N. A.
Eman Research, Ltd., vol.6, no.1, 2023 (Peer-Reviewed Journal)
3. **Biological activities and DNA interactions of aqueous extract of *Phlomis linearis* (Boiss. & Bal.)**
Aydin B., Gönder L. Y., Çerçi N. A., Ateş Y. C., Yalçınkaya İ., Canbolat N., Açık L., Karacan N., Akyüz Turumtay E., Turumtay H.
International Journal of Plant Based Pharmaceuticals, vol.3, no.1, pp.73-85, 2023 (Peer-Reviewed Journal)
4. **Apoptosis related PDCD4 promising novel biomarker early detection of oral cancer**
BOZDAĞ L., AÇIK L., ERSOY H. E., BAYIR Ö., KORKMAZ M. H., MOLLAOĞLU N., GÜLTEKİN S. E.
ADO Klinik Bilimler Dergisi, vol.11, no.2, pp.150-156, 2022 (Peer-Reviewed Journal)
5. **Evaluation of Antimicrobial Effects of Four Selected Marine Macroalgae from Iskenderun Bay**
SAYIN S., AYDIN B., Ak Çimen B., AÇIK L.
Turkish Journal of Agriculture -Food Science and Technology, vol.9, no.12, pp.2253-2258, 2021 (Peer-Reviewed Journal)
6. **Evaluation of the Antioxidant Effects of Postbiotics and Paraprobiotics in Lactic Acid Bacteria Isolated from Traditional Fermented Sausages**
AYDIN B., ÇİYDEM T., KAYA E., AÇIK L.
European Journal of Science and Technology, no.28, pp.849-852, 2021 (Peer-Reviewed Journal)
7. **Antioxidant and Antimicrobial Activities of *Armillaria mellea* and *Macrolepiota procera* Extracts**
AYTAR E. C., AKATA I., AÇIK L.
Mantar Dergisi, vol.11, no.2, pp.121-128, 2020 (Peer-Reviewed Journal)
8. **ANTIOXIDANT, ANTIMICROBIAL AND ANTI-PROLIFERATIVE ACTIVITY OF *SUILLUS LUTEUS* (L.) ROUSSEL EXTRACTS**
Aytar E. C., AKATA I., AÇIK L.
Ankara Universitesi Eczacılık Fakultesi Dergisi, vol.44, no.3, pp.373-387, 2020 (Scopus)
9. **Determination of Antimicrobial effect and DNA Interaction of Two Endemic Rhaponticoides species (R. mykalea and R. hierroi)**
SEGGİNGER N., BAĞCI Y., AÇIK L., DOĞU S., ÇAM M.
Journal of Pharmaceutical Research, vol.17, no.2, pp.88-92, 2018 (Peer-Reviewed Journal)
10. **Antimicrobial, antioxidant, cytotoxic and apoptotic activities of *Satureja khuzestanica***
Soltanzadeh H., AÇIK L., TÜRK M., Houshmand M., Shahsavari G.
GAZI MEDICAL JOURNAL, vol.29, no.3, pp.264-270, 2018 (ESCI)
11. **Preparation and Antibacterial Properties of Poly(N-hydroxymethyl Acrylamide)/Na-montmorillonite Composites via in situ Polymerization.**
Erol Dağ S., ACAR BOZKURT P., ACAR N., AÇIK L., ÇELİK M.
Malaysian Journal of Chemistry, vol.20, no.2, pp.138-147, 2018 (Scopus)
12. **The Spectroscopic and Thermal Properties, Antibacterial and Antifungal Activity and DNA Interactions of 4- (Fluorobenzyl)Spiro(N/O) Cyclotriphosphazhenium Salts.**
ELMAS G., OKUMUŞ A., KILIÇ Z., Çelik S. P., AÇIK L.

- J. Turk. Chem. Soc. Sect. A: Chem., vol.4, no.3, pp.993-1016, 2017 (Peer-Reviewed Journal)
13. **DNA- Binding, Biological Activities and Chemical Composition of Wild Growing Epilobium angustifolium L. Extracts from Canakkale, Turkey**
 Sayık A., Yusufoglu A. S., Açıklı, Türker G., Aydin B., Arslan L.
 Journal of the Turkish Chemical Society, Section A: Chemistry, vol.4, no.3, pp.811-840, 2017 (Peer-Reviewed Journal)
 14. **Antimicrobial activity against periodontopathogenic bacteria antioxidant and cytotoxic effects of various extracts from endemic Thermopsis turcica**
 Bali E. B., Açıklı, Akça G., Sarper M., Elçi M. P., Avçu F., Vural M.
 ASIAN PACIFIC JOURNAL OF TROPICAL BIOMEDICINE, vol.4, no.7, pp.505-514, 2014 (Scopus)
 15. **Genetic differentiation of Turkish Althaea L and Alcea L species**
 ÖZTÜRK F., BABAOĞLU S., UZUNHİSARCIKLı M. E., AÇIK L., VURAL M., GÜRCAN İ. S.
 Advances in Molecular Biology, vol.3, pp.47-56, 2009 (Peer-Reviewed Journal)
 16. **Taxonomic relationships in genus Fritillaria (Liliaceae): Evidence from RAPD-PCR and SDS-PAGE of seed proteins**
 Çelebi A., Tekşen M., AÇIK L., AYTAÇ Z.
 Acta Botanica Hungarica, vol.50, no.3-4, pp.325-343, 2008 (Scopus)
 17. **Identification of clinic uropathogen Escherichia coli isolates by antibiotic susceptibility plasmid and whole cell protein profiles**
 ÇELEBİ KESKİN A., Duran N., ÖZTÜRK KÜP F., AÇIK L., ASLANTAŞ Ö., ASLAN G.
 Advances in Molecular Biology, 2007 (Peer-Reviewed Journal)
 18. **Molecular analysis of Turkish Alyssum L Brassicaceae species by RAPD PCR and SDS PAGE methods**
 BABAOĞLU AYDAŞ S. S., AÇIK L., ÇELEBİ KESKİN A., ADIGÜZEL N.
 Gazi University Journal of Science, vol.17, no.3, pp.25-33, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

1. **Chapter 1: Orijin Of Infectious Diseases And Covid-19**
 Açıklı, Aydin B.
 in: RECENT ADVANCES IN BIOLOGICAL SCIENCES, Dr. Meryem Burcu KÜLAHÇI, Editor, Iksad Publishing House, Ankara, pp.3-34, 2021
2. **Genetik Kavramlar**
 SÜMER E. S., AÇIK L., TUNÇER M.
 Palme Yayıncılık, Ankara, 2018
3. **Karol S Suludere Z Ayvalı C Aktaş M Ayvaz Y Polat N Atak Ç Albayrak İ Aytaç Z Duman H Ünal F Kiyak S Açıklı Kalender Y Candan S B**
 Aktaş M., Ayvaz Y., Polat N., Atak Ç., Albayrak P. D. İ., Duman H., Aytaç Z., Ünal F., Kiyak S., Açıklı, et al.
 Atatürk Kültür, Dil ve Tarih Yüksek Kurumu, Türk Dil Kurumu Yayınları, Ankara, 2010
4. **Biyoloji Terimleri Sözlüğü**
 Karol S., SULUDERE Z., AYVALI C., AKTAŞ M., AYVAZ Y., POLAT N., ATAK Ç., ALBAYRAK İ., DUMAN H., AYTAÇ Z., et al.
 Türk Dil Kurumu Yayınları, 2000
5. **Biyoloji Terimler Sözlüğü**
 Aktaş M., Ayvaz Y., Polat N., Atak Ç., Albayrak İ., Aytaç Z., Duman H., Ünal F., Kiyak S., Açıklı, et al.
 Türk Dil Kurumu Yayınları, Ankara, 1998

Refereed Congress / Symposium Publications in Proceedings

1. **Investigation of Nicotinamide Phosphoribosyltransferase (Nampt), Interleukin-6 (Il-6) And Vaspin Serum Protein Levels In Type 2 Diabetes Mellitus**

Çelik S. P., Parlıtı D. N., Yunusov E., Açık L., Yalçın M. M., Yetkin İ.

11th International Conference "Acb-2022": Achievements And Challenges in Biology, Baku, Azerbaijan, 13 - 14 October 2022, pp.138-139

2. **Likit Biyopsilerin Oral Premalign ve Malin Lezyonlarda Tanı Amaçlı Kullanımı**
Bozdağ L., AÇIK L., ERSOY H. E., BAYIR Ö., KORKMAZ M. H., MOLLAOĞLU N., GÜLTEKİN S. E.
31. Ulusal Patoloji Kongresi, Selçuk-İzmir, Turkey, 26 - 30 October 2022, vol.6, pp.66
3. **Simetrik olmayan dispirosiklotrifosfazenler: Sentez, spektroskopi, kristallografi ve biyolojik aktivite çalışmaları**
Cemaloğlu R., Asmafılız N., Çoşut B., Kılıç Z., Sabah B. N., Açık L., Hökelek T.
34. Ulusal Kimya Kongresi, Yalova, Turkey, 1 September - 06 December 2022, pp.105-106
4. **İMİDAZOL TÜREVİ TAŞIYICI LİGANDA SAHİP PLATİN KOMPLEKSLERİ ÜZERİNDE ÇALIŞMALAR**
Ertuğrul E. M., Çerçi N. A., Aydin B., Açık L., Utku S.
VI. Ulusal Farmasötik Kimya Kongresi, İstanbul, Turkey, 26 - 29 August 2022, pp.177-186
5. **PLATİN(II) KOMPLEKSLERİNİN SENTEZİ VE BİYOLOJİK AKTİVİTELİRİ ÜZERİNDE ÇALIŞMALAR**
Eryiğit Ö., Çerçi N. A., Aydin B., Açık L., Utku S.
VI. Ulusal Farmasötik Kimya Kongresi, İstanbul, Turkey, 26 - 29 August 2022, pp.187-198
6. **Prebiotic Effects of Salvia fruticosa Mill. and Salvia huberi Hedge water extracts**
Topal M. N., Aydin B., Koç M., Açık L.
3rd International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 20 - 23 July 2022, pp.1464
7. **EVALUATION OF rs61330082 AND rs2058539 SNPs IN NAMPT GENE FOR THE PATIENTS WITH TYPE 2 DIABETES**
Parlıtı D. N., Çelik S. P., Açık L., Yalçın M. M., Yetkin İ., Yunusov E.
KARABAĞ 2. ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ, Baku, Azerbaijan, 8 - 10 November 2021, pp.209-216
8. **BIOLOGICAL ACTIVITY OF PLANT ROOT EXTRACTS FROM ROSA CANINA L.**
Yalçınkaya İ. S., Açık L., Kulaksız Erkmen G., Aktan O.
KARABAĞ 2. ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ , Baku, Azerbaijan, 8 - 10 November 2021, pp.65-66
9. **Evaluation of the Antioxidant Effects of Postbiotics and Paraprobiotics in Lactic Acid Bacteria Isolated from Traditional Fermented Sausages**
Aydın B., Çiydem T., Kaya E., Açık L.
1st International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 1 - 03 November 2021, pp.751-752
10. **Interactions of New Tetrazolato Complexes Containing VIII B Group Transition Metals With DNA**
HASANOĞLU ÖZKAN E., ÇELİK S. P., AÇIK L., DİŞLİ A., SARI N.
6th International Conference on New Trends in Chemistry October 17-18, (ICNTC E- Conference 2020). ss94,95, Gazimagusa, Cyprus (Kktc), 17 - 18 October 2020, pp.94-95
11. **A Spectrophotometric Investigation of the Interaction Between DNA and the Anticancer Drug Candidate Schiff Bases and Their Pt (II) Complexes**
HASANOĞLU ÖZKAN E., ÇELİK S. P., AÇIK L., DİŞLİ A., SARI N.
6th International Conference on New Trends in Chemistry (ICNTC E- Conference 2020), Gazimagusa, Cyprus (Kktc), 17 - 18 October 2020, pp.96
12. **The synthesis, spectroscopic, crystallographic and biological properties of dispirocyclotriphosphazene derivativescontaining benzylamino side groups**
Cemaloğlu R., İşcan Ö., Asmafılız N., Kılıç Z., Açık L., Aydin B., Hökelek T.
3rd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2020), Ankara, Turkey, 19 - 20 March 2020
13. **Investigation of gene expression profiles as biomarkers in human cumulus cells for evaluation of oocyte growth capacity**
ERCAN D. D., AYDIN B., AÇIK L., BOZKURT N.

- 7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 September 2019
14. **Antimicrobial, Antioxidant, Anti-QuorumSensing, Cytotoxic Activities and DNA Interactions of Phlomis linearis Boiss. Bal. Water Extract**
Aydın B., Çerçi N. A., Dedealemدارو ğlu İ. S., Açık L.
Eurasian Congress on Molecular Biotechnology (ECOMB2019), Trabzon, Turkey, 19 - 21 September 2019
15. **Antioxidant, Antimicrobial, Anti-Quorum Sensing, Cytotoxic Activities and DNA Interactions of Sideritis athoa Papan. Kokkini Methanolic Extract**
Çelik S. P., Çerçi N. A., Aydın B., Açık L.
Eurasian Congress on Molecular Biotechnology (ECOMB2019), Trabzon, Turkey, 19 - 21 September 2019
16. **DNA Interactions, Antimicrobial, Anti-Quorum Sensing, Antioxidant and Cytotoxic Activities of Salvia Siirtica Kahraman, Celep Doğan sp. Nov. Methanolic Extract**
Açık L., Çerçi N. A., Aydın B., Parıltı D. N.
Eurasian Congress on Molecular Biotechnology (ECOMB2019), Trabzon, Turkey, 19 - 21 September 2019
17. **Dispiro-4-bromobenzylaminophosphazenes: Synthesis reactions, spectroscopic and chromatographic properties, crystal structures, biological, and cytotoxic activities**
Kuzey N. G., ÖZGÜR M., ASMAFİLİZ N., AÇIK L., AYDIN B., HÖKELEK T., TÜRK M., Cerci A.
Fall National Meeting and Exposition of the American-Chemical-Society (ACS), California, United States Of America, 25 - 29 August 2019, vol.258
18. **Dispiro-4-bromobenzylaminophosphazenes: Synthesize reactions, spectroscopic properties, crystal structures, biological and cytotoxic activities**
Kuzey N. G., ÖZGÜR M., ASMAFİLİZ N., AÇIK L., AYDIN B., HÖKELEK T., TÜRK M., Cerci N. A.
257th National Meeting of the American-Chemical-Society (ACS), Florida, United States Of America, 31 March - 04 April 2019, vol.257
19. **Antioxidant Activities of Klasea bornmuelleri Endemic to Malatya (Turkey)**
ÇELİK Z. B., AÇIK L.
International Conference on Alternative and Traditional Medicine 2018, Roma, Italy, 23 - 25 July 2018
20. **Synthesis, spectroscopic and crystallographic properties, and biological activities of partly- and fully-substituted monospiro-4-chlorobenzylaminophosphazenes**
ASMAFİLİZ N., İşcan Ö., AÇIK L., Özbeden P., HÖKELEK T.
International Euroasian Conference on Biological and Chemical Sciences (EuroasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.780
21. **2-SÜBSTİTÜE BENZİMİDAZOL TÜREVİ LİGANDLARI TAŞIYAN PLATİN(II) KOMPLEKSLERİNİN SENTEZ VE SİTOTOKSİK ETKİLERİ ÜZERİNDE ÇALIŞMALAR**
GÖZELLE M., GÜMÜŞ F., KILIÇ SÜLOĞLU A., SELMANOĞLU G., RAMAZANOĞLU N., AÇIK L.
V. Ulusal Farmasötik Kimya Kongresi, Turkey, 28 April - 01 May 2018
22. **The Relationships Between Type 2 Diabetic Retinopathy and Calpain-10 SNP-19Polymorphism**
BAYRAMCI N. S., AÇIK L., KALKAN Ç., YETKİN İ.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.187
23. **The antimicrobial activities and DNA interactions of (4-fluorobenzyl) pendant armed octachlorocyclotetraphosphazenes**
ELMAS G., OKUMUŞ A., KILIÇ Z., AÇIK L., ÇAM M.
1st International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018
24. **Syntheses, Spectral Properties and Antituberculosis, Antifungal and Cytotoxic Activities of Mono-ferrocenyl-spirocyclotetraphosphazenes**
OKUMUŞ A., ELMAS G., CEMALOĞLU R., AYDIN B., AÇIK L., TÜRK M., KILIÇ Z.
1st International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018
25. **Prevalence of Diabetic Retinopathy in Patients With Type 2 Diabetes Mellitus in Turkey**
BAYRAMCI N. S., AÇIK L., KALKAN Ç., YETKİN İ.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, pp.572

26. **Synthesis, spectroscopic properties and biological activities of spiro-4-bromobenzylaminophosphazenes**
Kuzey N. G., ASMAFİLİZ N., AÇIK L., HÖKELEK T.
255th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nexus of Food, Energy, and Water, Louisiana, United States Of America, 18 - 22 March 2018, vol.255
27. **Synthesis, Spectroscopic Properties and Biological Activities of spiro-4-methoxybenzylaminophosphazenes**
Güven Kuzey N., ASMAFİLİZ N., AÇIK L., HÖKELEK T.
Ancon-International Congress on Chemistry and Materials Science, 5 - 07 October 2017
28. **Antimicrobial and Cytotoxic Activities, and DNA Interactions of Vanillinato Substituted NN or NO Spirocyclic MonoferrocenylCyclotriphosphazenes**
TÜMER Y., ASMAFİLİZ N., KILIÇ Z., Koç L. Y., AÇIK L., Soltanzade H.
Ancon-International Congress on Chemistry and Materials Science, 5 - 07 October 2017
29. **N/O Spirohalkalı Trimerik Fosfazen Türevlerinin Sentezleri, Kristal Yapıları, Spektroskopik Özellikleri ve Biyolojik Aktiviteleri**
İşcan Ö., ASMAFİLİZ N., AÇIK L., HÖKELEK T.
29. Ulusal Kimya Kongresi, Turkey, 10 - 14 September 2017
30. **Synthesis, Cytotoxicity and DNA interactions of Platinum(II) Complexes Having Substituted Benzimidazole Ligands**
GÖZELLE M., GÜMÜŞ F., KILIÇ SÜLOĞLU A., SELMANOĞLU G., Ramazanoğlu N., AÇIK L.
2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
31. **CYTOTOXIC EFFECTS OF VARIOUS EXTRACTS FROM ENDEMIC KLASEA BORNMUELLERI ON HeLa AND MCF-7 CELL LINES**
ÇELİK Z. B., AÇIK L.
17. International Nutrition Diagnostics Conference - INDC 2017, PRAG, Czech Republic, 9 - 12 October 2017
32. **Coumarin-indole conjugate donor-acceptor system: Synthesis and biological activity studies of two coumarin-indole based push-pull dyes**
Seferođlu Z., Reis Y., Seferođlu N., Ozkutuka M., Aydiner B., Aksungur T., Arslan L., Aćik L.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
33. **Syntheses, antimicrobial activities and DNA interactions of NN and NO spirocyclotriphosphazenes with monoferrocenyl pendant arm**
AÇIK L., Asmafiliż N., GOnder L. Y. K., Ozben A., KILIÇ Z.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
34. **Investigations of antimicrobial activities and DNA interactions of bisferrocenyl-2-trans-6-dispiro-cyclotetra phosphazenes**
çelik s. p., AÇIK L., ELMAS G., KILIÇ Z.
VI. International Congress of Molecular Medicine, 22 - 25 May 2017
35. **Investigations of antimicrobial activities and DNA interactions of NN and NO donor typed (2-pyridyl)spiro-cyclotriphosphazenes**
özbeden p., AÇIK L., ELMAS G., HÖKELEK T.
VI. International Congress of Molecular Medicine, 22 - 25 May 2017
36. **Cytotoxic and Biological Activities of Spiro-Bino-Spiro Trimeric Phosphazenes Consist of SymmetricTetridentate Ligands**
ASMAFİLİZ N., KILIÇ Z., Avcı O., Gönder L. Y., AÇIK L., AYDIN B., TÜRK M.
International Congress on Applied Science and Technology (ASTECH'xx2017), 17 - 20 April 2017
37. **(4-Florobenzil)Spiro(N/O)siklotrifosfazenyum Tuzlarının Spektroskopik ve Termal Özellikleri, Antimikrobiyal Aktiviteleri ve DNA ile Etkileşimleri**
ELMAS G., OKUMUŞ A., KILIÇ Z., Çelik S. P., AÇIK L.
VI. Ulusal Anorganik Kimya Kongresi (Uluslararası Katılımlı), 18 - 21 May 2017
38. **DNA-Binding Activity of Turmeric'xxs Methanolic Extract**
Sayık A., Soylu S., Açıklı, Aydin B., Yusufoglu A. S.

- IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017,
vol.236
39. **SYNTHESES STRUCTURAL CHARACTERIZATIONS ANTIMICROBIAL ACTIVITIES AND DNA
INTERACTIONS OF cisANDtrans DISPIROCYCLIC FERROCENYLPHOSPHAZENES**
TÜMER Y., ASMAFİLİZ N., KILIÇ Z., HÖKELEK T., AÇIK L.
11. Inorganic chemistry Conference, 7 - 08 October 2016
40. **DNA interactions with the extracts of Klasea bornmuelleri (Azn.) endemic to Malatya (Turkey)**
Celik Z. B., Acik L.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016, vol.258
41. **Bupleurum lycaonicum S Türünün Antioksidan ve Antimikrobiyal Aktiviteleri**
Ertan S., Aydın B., Şahin B., Açık L.
I. YAŞAM BİLİMLERİ SEMPOZYUMU, Kayseri, Turkey, 23 - 24 February 2016
42. **Mono-Ferrosenil-Spiro-Siklotetrafosfazenlerinin Sentezi,Karakterizasyonları, Elektrokimyasal
Özellikleri, Antitüberkülöz, Antimikrobiyal ve Sitotoksik Aktiviteleri Ve DNA İle Etkileşimleri**
OKUMUŞ A., ELMAS G., CEMALOĞLU R., AYDIN B., KILIÇ Z., HÖKELEK T., AÇIK L., TÜRK M., GÜZEL R., DÜNDAR D.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015
43. **Silene aegyptiaca subsp aegyptiaca nın Antimikrobiyal ve Antioksidan Aktivitesi**
Sırcan Ş., Aydın B., Açık L., Karabacak O.
4. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Afyonkarahisar, Turkey, 21 - 24 August 2015
44. **DNA Binding Activity of Some New Oximes as Anticancer and Antimicrobial Agents**
BAŞPINAR KÜÇÜK H., YUSUFOĞLU A. S., AÇIK L., AYDIN B.
International Conference on Chemical and Polymer Engineering, Barcelona, Spain, 20 - 21 July 2015
45. **Amin Sübstidue Mono(4-Nitrobenzil)Siklotrifosfazenlerin Sentezi, Karakterizasyonları, In Vitro
Sitotoksik ve Antimikrobiyal Aktiviteleri ve DNA ile Etkileşimleri**
OKUMUŞ A., AKBAŞ H., KOÇ L. Y., AYDIN B., KILIÇ Z., AÇIK L., TÜRK M., HÖKELEK T., DAL H.
V. ULUSAL ANORGANİK KİMYA KONGRESİ, Mersin, Turkey, 22 - 25 April 2015
46. **spiroansa-spiro-Fosfazenlerin Sentezi, Karakterizasyonu ve Biyolojik Aktivitesi**
BİLGE KOÇAK S., BAŞTERZİ N. S., OKUMUŞ A., KILIÇ Z., HÖKELEK T., ÇELİK Ö., TÜRK M., KOÇ L. Y., AÇIK L., AYDIN B.
V. ULUSAL ANORGANİK KİMYA KONGRESİ, Mersin, Turkey, 22 - 25 April 2015
47. **Sideritis trojana ve Sideritis athoa Lamiaceae nın Biyolojik Aktivitelerinin Karşılaştırılması**
Aydın B., Yılmaz E., Aytar E. C., Dirmenci T., Açık L.
ULUSAL BOTANİK KONGRESİ, İstanbul, Turkey, 25 - 28 October 2014
48. **Phlomis kurdica Lamiaceae nın Biyolojik Aktivitesi**
Arslan L., İnceoğlu S., Erkoç N., Aydın B., Karabacak O., Açık L.
ULUSAL BOTANİK KONGRESİ, İstanbul, Turkey, 25 - 28 October 2014
49. **Suillus luteus Yenilebilen Mantarın Antimikrobiyal Antioksidan ve Antikanser Etkilerinin
Belirlenmesi**
Aytar E. C., Aydın B., Açık L.
ULUSAL BOTANİK KONGRESİ, İstanbul, Turkey, 25 - 28 October 2014
50. **Synthesis in vitro cytotoxic activity and DNA interactions of new dicarboxylatoplatinum II complexes
with 2 hydroxymethylbenzimidazole as carrier ligands**
UTKU S., ÖZCELİK A. B., GÜMÜŞ F., Yılmaz Ş., Arsoy T., AÇIK L., ÇELEBİ KESKİN A.
Fourth International Meeting on Pharmacy&Pharmaceutical Sciences, 18 - 21 September 2014
51. **Achillea teretifolia Willd. extracts trigger the apoptosis by suppressing bcl-2 expression and
activating caspase-3 and bax genes in prostate cancer cell lines**
Bali E. B., Acik L., Elci P., Sarper M., Avcu F., Vural M.
FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.432
52. **DNA Interaction and Antimicrobial Activities of Ferrocenyl Cyclotetraphosphazenes**
Aydın B., Açık L., Okumuş A., Elmas G., Kılıç Z.
3rd International Molecular Biology and Biotechnology Congress, Sarajevo, Bosnia And Herzegovina, 2 - 06 June
2014

53. **Investigation of Antimicrobial Antioxidant and Cytotoxic Effects of Achillea teretifolia Willd Extracts**
Bali E. B., Açıklı L., Avcu F.
3rd International Molecular Biology and Biotechnology Congress, Sarajevo, Bosnia And Herzegovina, 2 - 06 June 2014
54. **Antiproliferative effect of Thymus cherleroides Vis Var cherleroides water extract on prostate cancer cell lines**
BALI E. B., AÇIK L., elçi p., Sarper M., Avcu F., Vural M., DİRMENCI T.
3rd International Molecular Biology and Biotechnology Congress, Sarejova, Bosnia And Herzegovina, 2 - 06 June 2014
55. **Cytotoxic Effects of Methanol and Water Extracts of Achillea teretifolia Willd on MCF 7 and HeLa Cell Lines**
Bali E. B., Açıklı L., Vural M.
13th Congress of the International Society for Ethnopharmacology (ISE), Konya, Turkey, 2 - 06 September 2012
56. **Antimicrobial and Antioxidant Activities of Three Anthemis L. Species**
Akyüz E., Açıklı L., Özbeş M. U., Vural M.
The 2nd International Symposium on Medicinal Plants, Their Cultivation and Aspects of Uses, Ma'an, Jordan, 3 - 05 November 2010, pp.18
57. **Cytotoxicity and DNA Interactions of Some Platinum II Complexes with Benzimidazole Ligands**
ÖZÇELİK A. B., UTKU S., ÇELEBİ KESKİN A., AÇIK L., Yılmaz Ş., Adeviye Ö., GÜMÜŞ F.
Third International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-3), Istanbul-TURKEY, 09 June 2010
58. **Screening of Three Exons of the RET Proto-oncogene in Turkish Patients with Papillary Thyroid Carcinoma**
Bayramci N. S., Acık L., Koc L. Y., Vural G., Kilic M., Tez M., Koc M., Ercakmak N.
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.97-98
59. **Taxonomic relations among some Turkish serpentine endemic Alyssum Brassicaceae**
BABAOĞLU S., BANI B., AÇIK L., ADIGÜZEL N.
" IV. Balkan Botanical Congress, Sofija, Bulgaria, 20 - 26 June 2006, pp.196-199
60. **Centaurea tchihatcheffii Fisch Mey Ve C depressa Bieb populasyonlarının protein elektroforez ve RAPD PCR ile analizleri**
BABAOĞLU , AÇIK L., VURAL M.
19. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008
61. **Quantitative analysis of nickel and a group of metals using X ray fluorescence spectrometer and molecular analysis in the Ni hyperaccumulator Alyssum corsicum**
BABAOĞLU S., AÇIK L., ADIGÜZEL N., KADIOĞLU Y. K.
102° Meeting of the Italian Botanical Society (SBI) Joint Meeting SBI-BGCI Botanical gardens and Society: Investigation, Education and Popularization, Palermo, Italy, 26 - 29 September 2007
62. **Nikel hiperakümülatör bitki Alyssum corsicum Brassicaceae da SEM EDX ile nikel miktarı analizi ve morfolojik incelemeler**
BABAOĞLU AYDAŞ S., SULUDERE Z., AÇIK L., ADIGÜZEL N.
18. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 26 - 29 August 2007
63. **RAPD PCR analyse of hyperaccumulator plants A corsicum and A murale induced by Ni treatment**
BABAOĞLU S., AÇIK L., ADIGÜZEL N., ELLİALTIOĞLU Ş. Ş.
International Conference on Environment: Survival and Sustainability, Nicosia, Cyprus (Kktc), 19 - 24 February 2007
64. **RAPD PCR analyse of hyperacucmulator plants A corsicum and A murale induced by Ni trearment**
BABAOĞLU AYDAŞ S. S., AÇIK L., ADIGÜZEL N., ELLİALTIOĞLU Ş. Ş.
International Conference on Environment: Survival and Sustainability, 15 - 17 January 2007
65. **Taxonomical relations among species of Althaea Malvaceae growing in Turkey as revealed by RAPD PCR and SDS PAGE**
ÖZTÜRK F., UZUNHİSARCIKLı M. E., BABAOĞLU S., MECİT V., AÇIK L.

- IV. Balkan Botanical Congress, Sofija, Bulgaria, 20 - 26 June 2006
66. **Astragalus Fabaceae cinsine ait Onobrychioidei DC Seksiyonundaki Taksonomik İlişkilerin Tohum Protein Profilleri ile Belirlenmesi**
BABAOĞLU S., AÇIK L., EKİCİ M., AKAN H.
XIV. Ulusal Biyoteknoloji Kongresi, Eskişehir, Turkey, 31 August - 02 September 2005
67. **Türkiye Sideritis L. Türlerinin SDS-PAGE Analizleri**
ÖKE F., DUMAN H., AÇIK L.
XIX. Ulusal Biyokimya Kongresi, Antalya, Turkey, 22 - 25 April 2005
68. **Antioxidative enzyme response of heavy metal hyperaccumulator Alyssum murale to Ni 2 stress**
BABAOĞLU S., KUŞVURAN Ş., ELLİALTIOĞLU Ş. Ş., AÇIK L.
3 rd Ecological Protection of The Planet Earth With An International Exhibition of Innovations, Inventions and New Technologies, İstanbul, Turkey, 10 - 11 June 2004
69. **Bakteriler aracılığı ile ham petrol ve türevlerinin biyodegradasyonu**
ÖZTÜRK F., BABAOĞLU , AÇIK L.
18. Ulusal Biyokimya Kongresi, Trabzon, Turkey, 15 - 19 May 2004
70. **Türkiye de yetişen bazı Alyssum L Brassicaceae türlerinin SDS PAGE analizleri**
AÇIK L., BABAOĞLU S., ADIGÜZEL N.
XIII. Biyoteknoloji Kongresi, Çanakkale, Turkey, 25 - 29 August 2003
71. **Türkiye de yetişen bazı Alyssum L Brassicaceae türlerinin moleküller analizleri**
AÇIK L., ADIGÜZEL N., BABAOĞLU S.
XII. Biyoteknoloji Kongresi, Balıkesir, Turkey, 17 - 21 September 2001

Visual Activities

Açık L., TURKISH JOURNAL OF BIOLOGY, Journal Publishing, 2007 - 2012

Academic and Administrative Experience

2012 - 2015	Doçentlik komite üyesi	Gazi University, Fen Fakültesi, Biyoloji
2009 - 2009	Head of Department	Gazi University, Fen Fakültesi, Biyoloji Bölümü
2006 - 2008	Research Institute Director	Gazi University
1997 - 1999	Head of Department	Gazi University, Fen Fakültesi, Biyoloji Bölümü

Courses

- RESEARCH PROJECT II, Undergraduate, 2021 - 2022
 GENETIC ENGINEERING, Undergraduate, 2021 - 2022
 POLYMERAZE CHAIN REACTION AND ITS APPLICATIONS, Undergraduate, 2021 - 2022
 YETERLİK SINAVI, Doctorate, 2021 - 2022
 SEMİNER, Postgraduate, 2021 - 2022
 REAL TIME PCR AND ITS APPLICATIONS, Postgraduate, 2021 - 2022
 DOKTORA SEMİNER, Doctorate, 2021 - 2022
 MOLECULAR GENETIC, Undergraduate, 2021 - 2022
 GENOM, Undergraduate, 2021 - 2022
 TECHNIQUES USED IN MOLECULAR BIOLOGY I, Postgraduate, 2021 - 2022

TECHNIQUES USED IN MOLECULAR BIOLOGY II, Postgraduate, 2021 - 2022

PREPARATION FOR MASTER'S THESIS, Postgraduate, 2021 - 2022

GENE CLONİNG, Postgraduate, 2021 - 2022

RESEARCH PROJECT I, Undergraduate, 2021 - 2022

GENS, Postgraduate, 2021 - 2022

MOLECULAR BIOLOGY LABORATORY, Undergraduate, 2021 - 2022

MOLECULAR BIOLOGY, Undergraduate, 2021 - 2022

DOKTORA TEZ ÇALIŞMASI, Doctorate, 2021 - 2022

DOKTORA TEZİNE HAZIRLIK, Doctorate, 2021 - 2022

MASTER'S THESIS, Postgraduate, 2021 - 2022

Advising Theses

Açık L., The Gene Polymorphisms Of Nicotinamide Phosphoribosyltransferase (Nampt), Interleukin-6 (Il-6) And Vaspin In Type 2 Diabetes Patients , Postgraduate, D.NUR(Student), 2022

Açık L., The Effect Of The Biological Activity Of Rosa Canina L. Plant Root Extract And The Effect Of Interleukin-1 Beta And Tumor Necrosis Factor Alpha (Tnf-A) Gene Expression In Experimental Diabetesconditioned Rats., Postgraduate, İ.SEZİN(Student), 2022

Açık L., Türk M., INVESTIGATION OF THE EFFECT OF LOADED NANOPARTICLES ON SOME MICROORGANISMS AND CELL TYPES, Doctorate, N.AYTUNA(Student), 2021

Açık L., Investigation of gene expression profiles of human cumulus cells to evaluation of oocyte development capacity as a biomarker, Doctorate, D.DENİZ(Student), 2021

AÇIK L., Biological Activities Of Cyclotetraphosphazene With N/O Donor-Type, Doctorate, N.RAMAZANOĞLU(Student), 2020

AÇIK L., Mono ve di sübstítüe trimerik fosfazenlerin biyolojik aktivitesi, Postgraduate, H.KAYALAK(Student), 2019

AÇIK L., Biological Activity Of Coumarin Compounds, Postgraduate, F.ERVANUR(Student), 2019

AÇIK L., Biological Activity Of Verbascum Armenum Boiss. Et Kotschy Var. Armenum Boiss. Et Kotschy, Postgraduate, Ö.KILIÇ(Student), 2019

AÇIK L., Antimicrobial And Cytotoxic Activities And Dna Interactions Of 2- Pyridyl-Cyclotriphosphazenes Antimicrobial And Cytotoxic Activities And Dna Interactions Of 2-Pyridylcyclotriphosphazenes And Salts, Postgraduate, P.Özbeden(Student), 2018

AÇIK L., Antimicrobial And Cytotoxic Activities And Dna Interactions Of Bis-Ferrosenyl-Substitute Cyclotetraphosphazene Derivatives, Postgraduate, S.PINAR(Student), 2018

AÇIK L., Antimicrobial, Antituberculosis, Antioxidant, Cytotoxic Activities And Dna Interactions With Ferrocenyl Cyclotetraphosphazene Compounds, Doctorate, B.AYDIN(Student), 2018

AÇIK L., 2-piridil-siklotrifosfazenlerin ve tuzlarının antimikrobiyal ve sitotoksik aktiviteleri ve dna etkileşimleri, Postgraduate, P.ÖZBEDEN(Student), 2018

AÇIK L., The Antimicrobial Activities And Dna Interactions Of (4-Fluorobenzyl) Pendant Armed Octachlorocyclotetraphosphazenes, Postgraduate, M.ÇAM(Student), 2018

AÇIK L., Investigation Of Biological Activity Arylstyrylmidazo[1,2-A] Pyridin Components, Postgraduate, L.ARSLAN(Student), 2017

AÇIK L., Biological Activity Of Bupleurum Lycaonicum Snogerup Plant Species, Postgraduate, S.Ertan(Student), 2017

AÇIK L., The Screening Of Some Polymorphisms In Diabetes Patients, Postgraduate, B.GÖRGÜN(Student), 2016

AÇIK L., Determination Of Antioxidant Activity And Cytotoxic Activity Macrofungi Suillus Luteus (L.) Roussel, Postgraduate, E.Can(Student), 2016

AÇIK L., Suillus luteus (L.) Roussel makromantarının antioksidan aktivitesi ve sitotoksik etkisinin belirlenmesi, Postgraduate, E.CAN(Student), 2016

AÇIK L., Antimicrobial, Antioxidant Activities Of Satureja Khuzestanica Extract (Methanol, Ethanol, Water) And Their Cytotoxic And Apoptotic Activities On Some Cancer Cell Lines, Doctorate, H.SOLTANZADEH(Student), 2015

AÇIK L., Investigation Of Biological Activity Of Scandix Australis L., Postgraduate, M.ÜSTÜNDAĞ(Student), 2015

AÇIK L., Determination of biological activity of Phlomis Nissolii L., Postgraduate, N.Bayın(Student), 2014

AÇIK L., Phlomis nissolii L.'nin biyolojik aktivitesinin belirlenmesi, Postgraduate, N.BAYIN(Student), 2014

AÇIK L., Biological activities of phosphazene compounds which are tetridentate ligand with trimer, Postgraduate, O.AVCI(Student), 2013

AÇIK L., Identification and quantification of anaerobic bacteriel species taken from acute apical abscesses, Postgraduate, N.TAŞDEMİROĞLU(Student), 2013

AÇIK L., Determination of CYP 17 gene polymorphism in polycystic ovary syndrome, Postgraduate, Y.ÖNER(Student), 2013

AÇIK L., Screening of some gene polymorphisms in Turkish type 2 diabetes patients, Doctorate, N.Selcen(Student), 2013

AÇIK L., Investigation of biological activity of klasea bornmuelleri (Azn.), Postgraduate, Z.BETÜL(Student), 2013

AÇIK L., Tip 2 diabetli Türk hastalarda bazı gen polimorfizmlerinin belirlenmesi, Doctorate, N.SELCEN(Student), 2013

AÇIK L., Detection of some pathogen bacteria which causes periapical diseases at human teeth by polymerase chain reaction and quantitative detection of porphyromonas gingivalis by real time polymerase chain reaction, Postgraduate, İ.Araz(Student), 2012

AÇIK L., Investigation of antimicrobial, antioxidant and cytotoxic effects of achillea teretifolia willd, Doctorate, E.BURCU(Student), 2012

AÇIK L., İnsan dişlerinde periapikal hastalıklara sebep olan bazı patojen bakterilerin polimeraz zincir reaksiyonu ve Porphromonas gingivalisin eş zamanlı polimeraz zincir reaksiyonu ile nicel olarak tespiti, Postgraduate, İ.ARAZ(Student), 2012

AÇIK L., IL-4 and IL-6 gene polymorphisms in chronic renal failure patients, Postgraduate, N.RAMAZANOĞLU(Student), 2012

AÇIK L., Molecular analysis and accumulations of nickel and cadmium at alyssum corsicum (brassicaceae), Postgraduate, F.FAYDIN(Student), 2011

AÇIK L., POLİKİSTİK OVER SENDROMUNDA CAPN 10-19 (KALSİYUM İLE AKTİVE EDİLMİŞ NÖTRAL PROTEİN AZ 10 SNP 19) VE CAPN 10-43 (SNP 43) GENİ POLİMORFİZMİ SIKLIĞI, BUNLARIN İNSÜLİN DİRENCİ VE KLINİK PARAMETRELER İLE İLİŞKİSİ, Postgraduate, G.GÜNALTIKI(Student), 2010

AÇIK L., Rahim ağızı, yumurtalık ve rahim kanserli olgularda p53 72. kodon ve MTHFR C677T polimorfizminin polimeraz zincir reaksiyonu (PZR) ve restriksiyon parça uzunluk polimorfizmi (RFLP) analizi ile araştırılması, Postgraduate, Y.CEREN(Student), 2010

AÇIK L., Bazı fosfazen bileşiklerinin antimikrobiyal aktivitelerinin belirlenmesi ve bu bileşiklerin DNA ile etkileşimi, Postgraduate, M.YAVUZ(Student), 2010

AÇIK L., AN INVESTIGATION WITH POLYMERASE CHAIN REACTION (PCR) AND RESTRICTION FRAGMENT LENGTH POLYMORPHISM (RFLP) ANALYSIS p53 CODON 72 AND MTHFR C677T POLYMORPHISMS IN CERVIX, OVER AND ENDOMETRIUM CARCINOMAS, Postgraduate, Y.Ceren(Student), 2010

AÇIK L., DETERMINATION OF ANTIMICROBIAL ACTIVITIES OF PHOSPHAZENE DERİVATİVES AND THEIR INTERACTION WITH DNA, Postgraduate, M.YAVUZ(Student), 2010

AÇIK L., Polistik over sendromunda CAPN 10-19 (kalsiyum ile aktive edilmiş nötral proteinaz 10 SNP 19) ve CAPN 10-43 (SNP 43) geni polimorfizmi sıklığı, bunların insülin direnci ve klinik parametreler ile ilişkisi, Postgraduate, G.GÜNALTIKI(Student), 2010

AÇIK L., Türk populasyonunda gastrointestinal sistem kanser olgularında fosfatidilinositol-3-kinaz katalitik alfa (PIK3CA) gen mutasyonları ve metilentetrahidrofolat redüktaz (MTHFR) C677T polimorfizminin incelenmesi, Postgraduate, Ö.ÖZCAN(Student), 2009

AÇIK L., MORPHOLOGIC AND MOLECULAR ANALYSES OF VARIOUS BELLIS PERENNIS POPULATIONS AND DETECTION OF ANTIMICROBIAL, ANTIOXIDANT ACTIVITIES OF THIS POPULATIONS, Postgraduate, N.KAVALCIOĞLU(Student), 2008

AÇIK L., MOLECULAR INVESTIGATION OF PLASMID OR CHROMOSOMAL MEDIATED EXTENDED SPECTRUM BETA-LACTAMASES EXISTANCE IN ESCHERICHIA COLI, KLEBSIELLA AND ACINETOBACTER STRAINS, Postgraduate, E.BURCU(Student), 2008

AÇIK L., Tiroit kanserli ve tiroit bozukluğu olan hastalarda ras onkogen mutasyonlarının yuvalanmış polimeraz zincir reaksiyonu ve restriksiyon enzim kesimi ile araştırılması, Postgraduate, B.CİHAN(Student), 2008

AÇIK L., RAS ONCOGENE MUTATION DETECTION IN THYROID TUMORS AND THYROID DEFECTS PATIENTS WITH NESTED PCR AND RFLP, Postgraduate, B.Cihan(Student), 2008

AÇIK L., AN INVESTIGATION OF RET (REarranged during Transfection) PROTOONCOGENE MUTATIONS IN THYROID CARCINOMA, Postgraduate, N.SELCEN(Student), 2008

AÇIK L., DETERMINATION AND MOLECULAR ANALYSIS OF NICKEL ACCUMULATION AT ALYSSUM CORSICUM (BRASSICACEAE) GROWN IN TISSUE CULTURE CONDITIONS, Doctorate, S.SELCEN(Student), 2008

AÇIK L., IDENTIFICATION, MOLECULER TYPING AND DETERMINATION OF BIOLOGICAL ACTIVITIES OF BACILLUS SPECIES ISOLATED FROM SOILS IN ANKARA, Doctorate, F.ÖZTÜRK(Student), 2007

AÇIK L., Escherichia coli, Klebsiella ve Acinetobacter suşlarında plazmit veya kromozomal kaynaklı genişlemiş spektrumlu beta-laktamaz varlığının araştırılması ve moleküller yönden incelenmesi, Postgraduate, E.BURCU(Student), 2007

AÇIK L., NAD(p)h: Kinon oksidoredüktaz 1 gen polimorfizmi ile akut lösemi arasındaki ilişkinin incelenmesi, Postgraduate, D.DENİZ(Student), 2006

DUMAN H., AÇIK L., Türkiye Sideritis L. (*Labiatae*) türlerinin tohum protein analizleri, Postgraduate, F.ÖKE(Student), 2006

AÇIK L., Üriner sistem enfeksiyonlarından izole edilen *Klebsiella pneumoniae*'ların bazı antibiyotik duyarlılıklarını, plazmid profilleri ve ESBL özelliğinin araştırılması, Doctorate, M.ONUR(Student), 2006

AÇIK L., Mercimek hat ve çeşitlerinde genetik varyasyonun tespiti, Doctorate, E.YÜZBAŞIOĞLU(Student), 2005

Açık L., III EFFECT OF GENE ALTERATIONS (FACTOR V 1691 G^A; 4070 G^A; PROTHROMBIN 20210 G^A; ENDOTHELIAL NITRIC OXIDE SYNTHASE 894 G->T; PLASMINOGEN ACTIVATOR INHIBITOR-1 -675 4G/5G; TISSUE PLASMINOGEN ACTIVATOR ALU I/D) TO PULMONARY EMBOLISM IN TURKISH PATIENTS, Doctorate, E.YILMAZ(Student), 2004

AÇIK L., Bütün türleri Türkiye İçin endemik olan *Ebenus* L. cinsinin DNA ve protein profilleri kullanılarak moleküller yönden karşılaştırılması, Doctorate, A.ÇELEBİ(Student), 2004

AÇIK L., Mastitisli ineklerden izole edilen *Staphylococcus aureus* suşlarının plazmit DNA ve protein profili analizleri, Doctorate, E.ARSLAN(Student), 2003

AÇIK L., Tavuk kesimhanesinden ve tavuklardan izole edilen patojen ve indikatör bakterilerin tanımlanması ve karakterizasyonu, Postgraduate, S.ARSLAN(Student), 2002

AÇIK L., Türkiye'de yetişen bazı *Alyssum* L. (Brassicaceae) türlerinin moleküller analizleri, Postgraduate, S.SELCEN(Student), 2002

AÇIK L., Serviks karserli Türk hastalarda HPV DNA'nın PCR metodu ile tiplendirilmesi, Postgraduate, D.ÇALIŞ(Student), 2000

AÇIK L., Kalitsal sferositos ve B-talasemi taşıyıcı + HS birlikteliği olan olgular ile splenektomi yapılmış olguların ayırcı tanısında kan parametrelerinin yeri, Postgraduate, H.GÖKÇE(Student), 2000

AÇIK L., Rastgele çoğaltılmış polimorfik dna polimeraz zincir reaksiyonu (RAPD-PCR) aracılığı ile Konya çevresindeki *Hyacinthella schur* (LILIACEAE) türleri arasındaki genetik uzaklıkların belirlenmesi, Postgraduate, E.ARSLAN(Student), 1999

AÇIK L., *Saccharomyces cerevisiae* kullanarak melastan etil alkol elde edilmesi, Postgraduate, E.AKDAG(Student), 1997

AÇIK L., RAPD-PCR aracılığı bazı *Allium* türleri arasındaki genetik uzaklıklar, Postgraduate, E.DEMİRÖRS(Student), 1997

Activities in Scientific Journals

TURKISH JOURNAL OF BIOLOGY, Editor, 2022 - Continues

Microbial Bioactives, Committee Member, 2021 - Continues

Journal of Plant Biology Research, Assistant Editor/Section Editor, 2021 - Continues

Universal Journal of Pharmaceutical Research, Committee Member, 2021 - Continues

Advances in Molecular Biology, Committee Member, 2021 - Continues

Turkish Journal Of Biology, Committee Member, 2019 - Continues

TURKISH JOURNAL OF BIOLOGY, First Editor, 2008 - 2011

Scientific Refereeing

COMPUTATIONAL BIOLOGY AND CHEMISTRY, Journal Indexed in SCI-E, December 2022

Project Supported by Higher Education Institutions, BAP Research Project, Selcuk University, Turkey, November 2022
ARABIAN JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, September 2022
SOUTH AFRICAN JOURNAL OF BOTANY, SCI Journal, August 2022
SOUTH AFRICAN JOURNAL OF BOTANY, SCI Journal, June 2022
Project Supported by Other Official Institutions, Turkey, April 2022
JOURNAL OF FOOD BIOCHEMISTRY, SCI Journal, March 2022
TURKISH JOURNAL OF BIOLOGY, SCI Journal, March 2022
Project Supported by Higher Education Institutions, BAP Research Project, Akdeniz University, Turkey, February 2022
Journal of Advances in Medicine and Medical Research, Other Indexed Journal, January 2022
Project Supported by Other Official Institutions, Gazi University, Turkey, February 2021
Project Supported by Higher Education Institutions, BAP Research Project, Bolu Abant İzzet Baysal University, Turkey, February 2020

Scientific Consultations

TÜBİTAK, Project Consultancy, Gazi University, Fen Fakültesi, Biyoloji, Turkey, 2020 - Continues

Scientific Research / Working Group Memberships

Bilim Ve Teknoloji Stratejileri Araştırma Ve Geliştirme Merkezi, Gazi University, Türkiye, gazi.edu.tr, 2005 - 2009

Metrics

Publication: 226
Citation (WoS): 1915
Citation (Scopus): 1951
H-Index (WoS): 26
H-Index (Scopus): 27

Invited Talks

1ST INTERNATIONAL CONGRESS OF SELÇUK HEALTH SCIENCES DECEMBER OF 01-02 2022, KONYA, Conference, Selçuk Üniversitesi, Turkey, December 2022
New Frontiers of Natural Sciences: 1st International Selçuk Meeting 17 - 19 Oct 2022 Selçuk University, Konya, Türkiye, Conference, Selçuk Üniversitesi, Turkey, October 2022
Kazakhstan-Pakistan- Türkiye; Youth From on Biotechnology, Conference, OIC Ministerial Standing Committee on Scientific and Techological Cooperation (COMSTECH) , Pakistan, September 2022
Bilim Olimpiyatları, Conference, Kabataş Erkek Lisesi, Turkey, December 2020
Bilim ve Bilim Olimpiyatları, Conference, Enka Okulları-Kocaeli, Turkey, December 2020

Research Areas

Natural Sciences

Non Academic Experience

TUBITAK, TÜBİTAK, BİDEB

TÜBİTAK

TÜBİTAK

TUBITAK, TÜBİTAK Bilim İnsanı Destek Programları Başkanlığı, Bilim Olimpiyatları Programı

TUBITAK, BİTO, Turkish Journal of Biology

UMIST