

# GÜLAÇTI TOPÇU

## PROF.

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### Learning Knowledge

Doctorate  
1981 - 1985

İstanbul Üniversitesi, Eczacılık Fakültesi, Turkey

Under Graduate  
1972 - 1977

İstanbul Üniversitesi, Eczacılık Fakültesi, Turkey

### Foreign Languages

French, B1 Intermediate

English, C1 Advanced

### Dissertations

Doctorate, *Salvia verticillata* subsp. *verticillata* ve *Salvia pinnata*'nın Triterpenoid ve Flavonoid Bileşikleri Üzerinde Kimyasal Araştırmalar, İstanbul Üniversitesi, Sağlık Bilimleri Enstitüsü, Eczacılık Fakültesi, 1985

### Academic Titles / Tasks

Professor  
2011 - Continues

Bezmialem Vakıf University, Eczacılık Fakültesi , Eczacılık Meslek Bilimleri Bölümü

Professor  
2006 - 2011

İstanbul Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü

Professor  
1999 - 2006

İstanbul Üniversitesi, Eczacılık Fakültesi , Temel Eczacılık Bilimleri Bölümü

### Supported Projects

1. TOPÇU G., TUBITAK Project, Türkiye Denizlerindeki Bazı Makroalglerin Fitokimyasal İncelenmesi ve Biyoaktif Bileşiklerinin Belirlenmesi, 2018 - Continues
2. Dağ A., Topçu G., Project Supported by Higher Education Institutions, Noscipine'in Borlu ve

- Azotlu Türevlerinin Sentezi ve Glioblastoma Hücrelerinde Sitotoksik Etkisinin Araştırılması, 2019 - 2020
3. Dincel D., Bütün B., Akdemir A., Topçu G., Project Supported by Higher Education Institutions, Yeni hIKK2 inhibitörlerinin tasarımı, sentezi ve enzim inhibisyon deneyleri, 2018 - 2020
  4. Topçu G., Project Supported by Other Official Institutions, İki Endemik Sideritis Türü Üzerinde fitokimyasal ve biyoaktivite çalışmaları, 2017 - 2020
  5. Şenol H., Topçu G., Dağ A., Şen A., TUBITAK Project, Capparis Ovata'dan İzole Edilen Olean-12-en-28-ol, 3β Pentakosanoat'ın (OPC) Multipl Skleroz'un Semptomatik Tedavisi İçin in vivo Etkinliğinin İncelenmesi, 2017 - 2020
  6. Topçu G., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Bezmialem Yaşam Bilimleri ve Biyoteknoloji Enstitüsü (YABBE) Altyapı Donanımı. Alt Proje: NFkB Yolak İnhibitörlerinin Tasarımı ve Bu İnhibitörler için Hedefli Taşıyıcı Sistemlerinin Geliştirilmesi, 2016 - 2020
  7. Topçu G., Dincel D., Yücer R., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Ekonomik Öneme Sahip Sideritis Türlerinden (*S. condensata*, *S. congesta*, *S. stricta*) Katma Değeri Yüksek Gıda Takviyelerinin Üretimi, 2015 - 2020
  8. Topçu G., Atasoy S., Boğa M., Project Supported by Other Official Institutions, *Vinca ispartensis* Bitkisinin Biyoaktif İndol Alkaloidlerinin Araştırılması, 2018 - 2019
  9. Topçu G., Dincel D., Uçkaya F., Project Supported by Higher Education Institutions, *Prangos ilanae* bitkisinden biyoaktif furokumarinlerin izolasyonu ve antikoagülan etkilerinin incelenmesi, 2017 - 2019
  10. Topçu G., Kuşman T., Dincel D., Project Supported by Higher Education Institutions, *Glaucium corniculatum* (L.) Rud. Subsp. *corniculatum* ve *Glaucium flavum* Crantz türlerinden biyoaktif alkaloidlerin izolasyonu, antioksidan ve antikolinesteraz etkinliğinin incelenmesi,, 2016 - 2018
  11. TOPÇU G., TUBITAK Project, Ülkemizde Doğal Olarak Yetişen Bazı Ağaç Mantarlarından İmmünomodülatör ve Antikanser Aktivite Gösteren Bileşiklerin İzolasyonları ve Yapılarının Aydınlatılması, 2014 - 2017
  12. Topçu G., Akdemir A., Seçen H., Erman M. B. , Öcal N., TUBITAK Project, Nükleer Faktör KappaB İnhibisyon Etkili Triterpenlerin Sentezi ve İlaç Olma Potansiyellerinin Araştırılması, 2014 - 2017
  13. Kartal M., Topçu G., Taşçı A. İ. , Sevgi E., Akdemir A., Bahadori F., Dincel D., Kuşman T., Ergin Kızılçay G., Çekin M. D. , CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, İstanbul Fitoterapi Eğitim, Arastırma ve Uygulama Merkezi Kurulması, 2014 - 2016
  14. TOPÇU G., TUBITAK Project, *Teucrium alyssifolium*'dan İzole Edilmiş Olan Alisin A, Alisin B (Diterpen), Sirsiliol ve Sirsilineol (Flavonoid) Bileşiklerinin in vitro Anti Diyabetik Etkilerinin Araştırılması, 2014 - 2015
  15. TOPÇU G., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, BVÜ Fitoterapi Eğitim, Arastırma ve Uygulama Merkezi Kurulması, 2014 - 2015
  16. TOPÇU G., TUBITAK Project, *Origanum Solymicum* P.H. Davis, *Origanum Husnucan-Basari*, *Origanum Bilgeri* P.H. Davis., *Origanum Rotundifolium* Boiss., *Origanum Onites* L., *Origanum Cyriacum* L. Bitkilerindeki Sekonder Metabolitlerin Aktivite Kontrollü İzolasyonu, Yapılarının Aydınlatılması ve Antioksidan Aktivitelerinin İncelenmesi, 2013 - 2015
  17. TOPÇU G., GAZİOĞLU I., TUBITAK Project, Deneysel Multipl Skleroz Modelinde (DAE) MSCOV'un İyileştirici Etkilerinin Moleküler Mekanizmalarının Saptanması, 2012 - 2015
  18. TUNCABOYLU D. C. , TOPÇU G., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Özgün İlaç Keşfi, İlaç Geliştirilmesi ve İstanbul İlaç Sektörü'ne Bilgi ve Teknoloji Aktarma Amaçlı Bir Teknoloji Merkezi ve Üniversite-Sanayi İşbirliği Ağının Kurulması, 2013 - 2014
  19. TOPÇU G., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, İTÜ – DPT Nanoteknoloji Merkezi Kurulması”, (İTÜ Rektörlük Şemsiye Projesi, Nanodrug Alt Projesi, 2007 - 2012
  20. TOPÇU G., TUBITAK Project, Trakya Bölgesinde Yetişen *Trifolium* Türlerinden Flavonoidlerin İzolasyonu, Yapılarının Açıklanması, Antioksidan ve Tirozinaz İnhibisyon Aktivitelerinin İncelenmesi, 2009 - 2011
  21. TOPÇU G., Other Supported Projects, Isolation and Structure Elucidation of Xanthons from

Polygala Species Growing in Turkey and Investigation of Antioxidant, and Monoamine Oxidase Inhibitory Activities, 2008 - 2011

22. TOPÇU G., TUBITAK Project, Batı Karadeniz Bölgesi Ormanlarında Yetişen Mor Çiçekli Orman Gülü Humusundaki Humik Madde Oranları Tespit Edilerek Bölgenin Humik Madde Potansiyelinin Belirlenmesi ve Organik Bileşiklerin Yapılarının Aydınlatılması, 2008 - 2010
23. TOPÇU G., TUBITAK Project, Türkiye'de Doğal Olarak Yetişen İğne Yapraklı Ağaç Kozalaklarının Kimyasal Bileşimi, Lifsel Özellikleri ve Yararlanma İmkânları, 2007 - 2010
24. TOPÇU G., TUBITAK Project, Bazı Salvia Türlerinin Antioksidan ve Anti-Alzheimer Aktivite Potansiyeline Sahip Bileşiklerinin İzolasyonu ve Yapı Tayinleri, 2007 - 2010
25. TOPÇU G., TUBITAK Project, Güneybatı Anadolu'da Endemik Olarak Yayılış Gösteren Salvia Türlerinin Antioksidan Aktiviteli Bileşiklerinin Araştırılması, 2006 - 2009
26. TOPÇU G., Other Supported Projects, Synthesis and Properties of New Highly Hydrophobic and Photostable 3-Hydroxyflavones and Their Applications in Biomembrane Studies, 2004 - 2007
27. TOPÇU G., TUBITAK Project, Türkiye İçin Endemik Olan İki Türün (Sideritis Stricta Boiss & Heldr. ve Sideritis Condensata Boiss & Heldr.) Diterpen Bileşiklerinin Belirlenmesi ve Aktivitelerinin İncelenmesi, 2003 - 2006
28. TOPÇU G., Other Supported Projects, Bioactive Turkish Plant Constituents, 2000 - 2003
29. TOPÇU G., Other Supported Projects, Cell Culture Studies on Salvia Species to Obtain Their Secondary Metabolites, 2000 - 2001
30. TOPÇU G., TUBITAK Project, Balıkesir Kazdağı Yöresinde Yetişen Sideritis Türlerinin Diterpen Bileşikleri Üzerinde Araştırmalar, 1996 - 2000

## Awards

1. Topçu G., TEB Eczacılık Akademisi Bilim Ödülü, Türk Eczacıları Birliği Eczacılık Akademisi , September 2019
2. TOPÇU G., 87 Başarılı Kadın Bilimcimiz, Cumhuriyet Bilim ve Teknoloji Dergisi, September 2018
3. TOPÇU G., TAF Network Türkiye'nin En İyi Bilim İnsanları Ödülü, TAF Network, June 2015
4. Topçu G., İstanbul Üniversitesi ATIF Ödülü 2011 (Atıfı 1000'ün üstünde olan İÜ'de çalışmış toplam 20 öğretim üyesinden biri olarak), İstanbul Üniversitesi, April 2011
5. TOPÇU G., TÜBİTAK Marmara Araştırma Merkezi Teşvik Ödülü, TÜBİTAK-MAM (MARMARA ARAŞTIRMA MERKEZİ), March 1998

## Scholarships

TÜBİTAK-NSF (TÜBİTAK-National Science Foundation) projesi bursu, Misafir Profesör, Official Institutions of Foreign Countries, 2001 - 2004

DFG Projesi, Official Institutions of Foreign Countries, 2000 - 2000

Misafir Araştırmacı, Official Institutions of Foreign Countries, 1992 - 1992

Misafir Araştırmacı - CENTO Bursu, Other International Organizations, 1990 - 1990

NCI Doktora Sonrası Araştırma Bursu, Official Institutions of Foreign Countries, 1986 - 1988

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

1. **Ent-kaurene Diterpenoids from Sideritis lycia with Antiviral and Cytotoxic Activities**  
Kilic T., TOPÇU G., GÖREN A. C. , AYDOĞMUŞ Z., KARAGÖZ A., Yıldız Y. K. , Aslan I.  
RECORDS OF NATURAL PRODUCTS, vol.14, pp.256-268, 2020 (Journal Indexed in SCI)
2. **Investigation of cell death mechanism and activity of esculetin-loaded PLGA nanoparticles on insulinoma cells in vitro**  
Karatug K., Bahadori F., Kepekci T., Topcu G., Bolkent S.  
JOURNAL OF PHARMACY AND PHARMACOLOGY, 2020 (Journal Indexed in SCI)

3. **Anticholinesterase and Antioxidant Activities of Natural Abietane Diterpenoids with Molecular Docking Studies**  
TOPÇU G., AKDEMİR A., Kolak U., Ozturk M., Boga M., BAHADORİ F., Cakmar S. D. H. CURRENT ALZHEIMER RESEARCH, vol.17, pp.269-284, 2020 (Journal Indexed in SCI)
4. **Inhibition of Amyloid  $\beta$  Aggregation Using Optimized Nano Encapsulated Formulations of Plant Extracts with High Metal Chelator Activities.**  
Kazdal F., Bahadori F., Celik B., Ertas A., Topcu G. Current pharmaceutical biotechnology, 2019 (Journal Indexed in SCI Expanded)
5. **Boron's neurophysiological effects and tumoricidal activity on glioblastoma cells with implications for clinical treatment**  
Altınöz M. A. , TOPÇU G., Elmacı İ. INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.129, pp.963-977, 2019 (Journal Indexed in SCI)
6. **Noscapine, a Non-addictive Opioid and Microtubule-Inhibitor in Potential Treatment of Glioblastoma**  
Altinoz M. A. , TOPÇU G., HACİMÜFTÜOĞLU A., Ozpinar A., ÖZPINAR A., Hacker E., Elmaci I. NEUROCHEMICAL RESEARCH, vol.44, pp.1796-1806, 2019 (Journal Indexed in SCI)
7. **Synthesis and initial evaluation of efficacy of olean-12-en-28-ol, 3 beta-pentacosanoate for the symptomatic treatment of multiple sclerosis**  
Sen A., Şenol H., Acar O. O. , Kale E., Dağ A., Topçu G. FEBS OPEN BIO, vol.9, pp.74, 2019 (Journal Indexed in SCI)
8. **Characterization of the Chemical Profile of Euphorbia Species from Turkey by Gas Chromatography-Mass Spectrometry (GC-MS), Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS), and Liquid Chromatography-Ion Trap-Time-of-Flight-Mass Spectrometry (LC-IT-TOF-MS) and Chemometric Analysis**  
Yener I., Ertas A., Yılmaz M. A. , Olmez O. T. , Yılmaz P. K. , Yesil Y., Kaplaner E., Ozturk M., Temel H., Kolak U., et al. ANALYTICAL LETTERS, vol.52, pp.1031-1049, 2019 (Journal Indexed in SCI)
9. **Phytochemical screening and evaluation of the antimicrobial and antioxidant activities of Ferula caspica M. Bieb. extracts**  
Kahraman Ç., TOPÇU G., Bedir E., Tatlı İ., Ekizoğlu M., Akdemir Z. Ş. SAUDI PHARMACEUTICAL JOURNAL, vol.27, pp.525-531, 2019 (Journal Indexed in SCI)
10. **SAR Evaluation of Disubstituted Tacrine Analogues as Promising Cholinesterase and Carbonic Anhydrase Inhibitors**  
ÖKTEN S., EKİZ M., TUTAR A., BÜTÜN B., Koçyiğit Ü. M. , TOPÇU G., Gülçin İ. INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH, vol.53, pp.268-275, 2019 (Journal Indexed in SCI)
11. **Chemical Investigation and Bioactivity Screening of Salvia cassia Extracts**  
Halfon B., Cetin O., Kokdil G., TOPÇU G. RECORDS OF NATURAL PRODUCTS, vol.13, pp.156-166, 2019 (Journal Indexed in SCI)
12. **Natural diterpenoid alysine A isolated from Teucrium alyssifolium exerts antidiabetic effect via enhanced glucose uptake and suppressed glucose absorption**  
Sen A., Ayar B., Yılmaz A., Acar O. O. , Turgut G. C. , TOPÇU G. TURKISH JOURNAL OF CHEMISTRY, vol.43, pp.1350-1372, 2019 (Journal Indexed in SCI)
13. **Chemical Characterization of 64 Propolis Samples from Hakkari, Turkey**  
Bayram N. E. , SORKUN K., Oz G. C. , SALİH B., Topcu G. RECORDS OF NATURAL PRODUCTS, vol.12, pp.569-581, 2018 (Journal Indexed in SCI)
14. **Synthesis, characterization, and SAR of arylated indenoquinoline-based cholinesterase and carbonic anhydrase inhibitors.**  
EKİZ M., TUTAR A., ÖKTEN S., Bütün B., KOÇYIĞIT Ü., TASLIMI P., TOPÇU G. Archiv der Pharmazie, vol.351, 2018 (Journal Indexed in SCI Expanded)
15. **Recent advances on 3-hydroxyflavone derivatives: Structures and properties**  
Butun B., TOPÇU G., Öztürk T.

- Mini-Reviews in Medicinal Chemistry, vol.18, pp.98-103, 2018 (Journal Indexed in SCI)
16. **Synthesis of Oleanolic Acid Analogues and Their Cytotoxic Effects on 3T3 Cell Line**  
Tuncay S., Senol H., Guler E. M. , Ocal N., Seçen H., Kocyigit A., Topcu G.  
MEDICINAL CHEMISTRY, vol.14, pp.617-625, 2018 (Journal Indexed in SCI)
  17. **Effect of a combination of mometasone furoate, levofloxacin, and retinyl palmitate with an in situ gel-forming nasal delivery system on nasal mucosa damage repair in an experimental rabbit model**  
AKSOY F., DOĞAN R., ÖZTURAN O., ALTUNTAŞ E., YENER F. G. , TOPÇU G., GÜLER B.  
Biomedicine and Pharmacotherapy, vol.96, pp.603-611, 2017 (Journal Indexed in SCI)
  18. **Bioassay-guided isolation, identification of compounds from *Origanum rotundifolium* and investigation of their antiproliferative and antioxidant activities.**  
ERENLER R., MERAL B., SEN O., ELMASTAS M., AYDIN A., EMINAGAOGLU O., Topcu G.  
Pharmaceutical biology, vol.55, pp.1646-1653, 2017 (Journal Indexed in SCI Expanded)
  19. **Screening of Hallucinogenic Compounds and Genomic Characterisation of 40 Anatolian *Salvia* Species**  
HATİPOĞLU S. D. , YALCINKAYA B., AKGOZ M., ÖZTURK T., Goren A. C. , Topcu G.  
PHYTOCHEMICAL ANALYSIS, vol.28, pp.541-549, 2017 (Journal Indexed in SCI)
  20. **Antioxidant and Anticholinesterase Activities of Some Dialkylamino Substituted 3-Hydroxyflavone Derivatives**  
Culhaoglu B., Capan A., Boga M., Ozturk M., Öztürk T., Topcu G.  
MEDICINAL CHEMISTRY, vol.13, pp.254-259, 2017 (Journal Indexed in SCI)
  21. ***Capparis ovata* treatment suppresses inflammatory cytokine expression and ameliorates experimental allergic encephalomyelitis model of multiple sclerosis in C57BL/6 mice**  
Ozgun-Acar O., Celik-Turgut G., Gazioglu I., Kolak U., Ozbal S., Ergur B. U. , Arslan S., Sen A., Topcu G.  
JOURNAL OF NEUROIMMUNOLOGY, vol.298, pp.106-116, 2016 (Journal Indexed in SCI)
  22. **Cytotoxic Effects of Ursolic Acid and its Derivative on Breast Cancer Cell Lines**  
CULHAOĞLU B., SENER L. T. , Birman H., Albeniz I., Topcu G.  
ACTA PHYSIOLOGICA, vol.218, pp.37, 2016 (Journal Indexed in SCI)
  23. **Simultaneous Determination of Phenol and p-Cresol in Human Urine by an HPLC Method**  
Tekkeli S. E. K. , Kiziltas M. V. , Dincel D., ERKOC R., Topcu G.  
ACTA CHROMATOGRAPHICA, vol.28, pp.255-262, 2016 (Journal Indexed in SCI)
  24. **Phytochemical analysis, antioxidant, antimicrobial, anticholinesterase and DNA protective effects of *Hypericum capitatum* var. *capitatum* extracts**  
Boga M., Ertas A., Eroglu-Ozkan E., Kizil M., Ceken B., Topcu G.  
SOUTH AFRICAN JOURNAL OF BOTANY, vol.104, pp.249-257, 2016 (Journal Indexed in SCI)
  25. **Chemical Profile and Biological Activities of Two Edible Plants: Chemical Investigation and Quantitative Analysis Using Liquid Chromatography Tandem Mass Spectrometry and Gas Chromatography Mass Spectrometry**  
Ertas A., Yilmaz M. A. , Boga M., Hasimi N., Yesil Y., GOREN A. C. , Temel H., Topcu G.  
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.19, pp.124-138, 2016 (Journal Indexed in SCI)
  26. **Novel Terpenoids with Potential Anti-Alzheimer Activity from *Nepeta obtusifolia***  
Yilmaz A., Boga M., Topcu G.  
RECORDS OF NATURAL PRODUCTS, vol.10, pp.530-541, 2016 (Journal Indexed in SCI)
  27. **Determination of Volatile Organic Compounds in Forty Five *Salvia* Species by Thermal Desorption-GC-MS Technique**  
HATİPOĞLU S. D. , ZORLU N., Dirmenci T., GOREN A. C. , Öztürk T., Topcu G.  
RECORDS OF NATURAL PRODUCTS, vol.10, pp.659-700, 2016 (Journal Indexed in SCI)
  28. **Antioxidant and anticholinesterase activities of lupane triterpenoids and other constituents of *Salvia trichoclada***  
Butun B., Hatipoglu S. D. , Dönmez A., Topcu G.  
MEDICINAL CHEMISTRY RESEARCH, vol.24, pp.3831-3837, 2015 (Journal Indexed in SCI)

29. **Diterpens and other constituents from *Ajuga* spp. with cytotoxic activity**  
Yapar G., Uckaya F., Topcu G.  
ANTI-CANCER DRUGS, vol.26, 2015 (Journal Indexed in SCI)
30. **Therapeutic effects of Licorice (*Glycyrrhiza glabra*) on colitis through its antioxidant properties and biochemical analyses**  
Uckaya F., Bektay Y., Yilmaz A., Bayindir N., Selek Ş., Topcu G., Esrefoglu M.  
ANTI-CANCER DRUGS, vol.26, 2015 (Journal Indexed in SCI)
31. **Chemical profile and biological activities of *Veronica thymoides* subsp *pseudocinerea***  
Ertas A., Boga M., Kizil M., Ceken B., GOREN A. C. , Hasimi N., Demirci S., Topcu G., Kolak U.  
PHARMACEUTICAL BIOLOGY, vol.53, pp.334-339, 2015 (Journal Indexed in SCI)
32. **Tyrosinase Inhibitory Activity of Chemical Constituents of *Euphorbia macrostegia***  
Demirkiran O., Topcu G., AZARPIRA A., CHOUDHARY M. I.  
CHEMISTRY OF NATURAL COMPOUNDS, vol.50, pp.810-813, 2014 (Journal Indexed in SCI)
33. **A New Lipid-Based Nano Formulation of Vinorelbine**  
Bahadori F., Topcu G., EROĞLU M. S. , ONYUKSEL H.  
AAPS PHARMSCITECH, vol.15, pp.1138-1148, 2014 (Journal Indexed in SCI)
34. **Lamiaceae Family Plants as a Potential Anticholinesterase Source in the Treatment of Alzheimer's Disease**  
TOPÇU G., KUŞMAN T.  
BEZMIALEM SCIENCE, vol.1, pp.1-25, 2014 (Journal Indexed in SCI)
35. **Antioxidant, anticholinesterase, and antimicrobial activities and fatty acid constituents of *Achillea cappadocica* Hausskn. et Bornm.**  
Ertas A., Boga M., Hasimi N., Yesil Y., GOREN A. C. , Topcu G., Kolak U.  
TURKISH JOURNAL OF CHEMISTRY, vol.38, pp.592-599, 2014 (Journal Indexed in SCI)
36. **Synthesis and Characterization of Biodegradable Amphiphilic Star and Y-Shaped Block Copolymers as Potential Carriers for Vinorelbine**  
Bahadori F., Dag A., Durmaz H., Cakir N., ONYUKSEL H., Tunca Ü., Topcu G., Hizal G.  
POLYMERS, vol.6, pp.214-242, 2014 (Journal Indexed in SCI)
37. **Antioxidant and Tyrosinase Inhibitory Activities of Flavonoids from *Trifolium nigrescens* Subsp *petrisavi***  
Demirkiran O., Sabudak T., Ozturk M., Topcu G.  
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.61, pp.12598-12603, 2013 (Journal Indexed in SCI)
38. **Phenolic compounds from *Trifolium echinatum* Bieb. and investigation of their tyrosinase inhibitory and antioxidant activities**  
Sabudak T., Demirkiran O., Ozturk M., Topcu G.  
PHYTOCHEMISTRY, vol.96, pp.305-311, 2013 (Journal Indexed in SCI)
39. **Bioactive constituents of *Salvia chrysophylla* Stapf**  
Butun B., Yapar G., Dirmenci T., Topcu G.  
NATURAL PRODUCT RESEARCH, vol.27, pp.438-447, 2013 (Journal Indexed in SCI)
40. **Terpenoids, essential oil composition and fatty acids profile, and biological activities of Anatolian *Salvia fruticosa* Mill.**  
Topcu G., Ozturk M., Kusman T., BARLA DEMIRKOZ A. A. , Kolak U., Ulubelen A.  
TURKISH JOURNAL OF CHEMISTRY, vol.37, pp.619-632, 2013 (Journal Indexed in SCI)
41. **Flavonoid constituents of *Sideritis caesarea***  
Halfon B., Ciftci E., Topcu G.  
TURKISH JOURNAL OF CHEMISTRY, vol.37, pp.464-472, 2013 (Journal Indexed in SCI)
42. **Anticholinesterase furocoumarins from *Heracleum platytaenium*, a species endemic species to Ida Mountains**  
Dincel D., Hatipoglu S. D. , GOREN A. C. , Topcu G.  
TURKISH JOURNAL OF CHEMISTRY, vol.37, pp.675-683, 2013 (Journal Indexed in SCI)
43. **A Novel Isopimarane Diterpenoid with Acetylcholinesterase Inhibitory Activity from *Nepeta sorgerae*, an Endemic Species to the Nemrut Mountain**

- Yilmaz A., Caglar P., Dirmenci T., Goren N., Topcu G.  
NATURAL PRODUCT COMMUNICATIONS, vol.7, pp.693-696, 2012 (Journal Indexed in SCI)
44. **Indole Alkaloids from *Vinca major* and *V. minor* Growing in Turkey**  
Bahadori F., Topcu G., Boga M., Turkecul A., Kolak U., Kartal M.  
NATURAL PRODUCT COMMUNICATIONS, vol.7, pp.731-734, 2012 (Journal Indexed in SCI)
45. **Chemical Constituents of Two Endemic *Sideritis* Species from Turkey with Antioxidant Activity**  
Carikci S., Kilic T., Azizoglu A., Topcu G.  
RECORDS OF NATURAL PRODUCTS, vol.6, pp.101-109, 2012 (Journal Indexed in SCI)
46. **Two new indole alkaloids from *Vinca herbacea* L.**  
Boga M., Kolak U., Topcu G., Bahadori F., Kartal M., FARNSWORTH N. R.  
PHYTOCHEMISTRY LETTERS, vol.4, pp.399-403, 2011 (Journal Indexed in SCI)
47. **Ovarian antiproliferative activity directed isolation of triterpenoids from fruits of *Eucalyptus camaldulensis* Dehnh**  
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PEZZUTO J. M. , CHE C., MCPHERSON D., TOPÇU G., ERDELMEIER C., CORDELL G.  
American Society of Pharmacognosy, Kingston, United States Of America, 05 July 1987, pp.1

## Professional Experience

2018 - Continues	<b>Rektörlük Kalite Komisyonu Üyesi</b>	Bezmialem Vakıf University, Rectorate
2016 - Continues	<b>Rektörlük Stratejik Plan Komisyonu Üyesi</b>	Bezmialem Vakıf University, Rectorate
2016 - Continues	<b>ÜAK Member</b>	Üniversitelerarası Kurul
2011 - Continues	<b>Member of the Senate</b>	Bezmialem Vakıf University, RECTORATE
2011 - Continues	<b>University Executive Board Member</b>	Bezmialem Vakıf University, Rectorate
2011 - Continues	<b>Dean</b>	Bezmialem Vakıf University, FACULTY OF PHARMACY
2011 - Continues	<b>Fakülte Akademik Kurul Üyesi</b>	Bezmialem Vakıf University, Faculty Of Pharmacy
2011 - Continues	<b>Fakülte Yönetim Kurulu Üyesi</b>	Bezmialem Vakıf University, Faculty Of Pharmacy, Department Of Occupational Sciences Of Pharmacy
2011 - Continues	<b>BAP Scientific Commissioner</b>	Bezmialem Vakıf University, Rectorate
2001 - 2006	<b>Head of Department</b>	İstanbul Üniversitesi, Eczacılık Fakültesi , Eczacılık Temel Bilimleri Ve Genel Kimya Anabilim Dalı
2000 - 2006	<b>Deputy Head of Department</b>	İstanbul Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü
1995 - 1998	<b>Kimya Bölüm Başkanı</b>	Tübitak Marmara Araştırma Merkezi
1985 - 1995	<b>Uzman Araştırmacı</b>	Tübitak Marmara Araştırma Merkezi

## Courses

Bitirme Projesi Dersi-I, Under Graduate, 2019 - 2020

Natural Cosmetics and Dermocosmetics, Under Graduate, 2018 - 2019

Doğal Ürünlerin Koruyucu ve Tedavi Edici Etkileri, Doctorate, 2019 - 2020

Uzmanlık Alan Dersi VI, Doctorate, 2019 - 2020

Spektroskopik Yöntemler ve Doğal Ürünlerin Analizinde Kullanılması, Post Graduate, 2018 - 2019

Sekonder Metabolitlerin Biyosentezi, Doğal Kaynaklardan Eldesi ve Yapı Tayini, Doctorate, 2018 - 2019

Bitirme Projesi Dersi II, Under Graduate, 2018 - 2019

Doğal Ürünler ve İlaç Keşfindeki Önemi, Doctorate, 2018 - 2019

Gıda-İlaç Etkileşimi, Under Graduate, 2018 - 2019

Doktora Tez Çalışması IV, Doctorate, 2019 - 2020

Güncel Medisinal Kimya, Doctorate, 2019 - 2020

Pharmacognosy III, Under Graduate, 2019 - 2020

Spektroskopik Yöntemler ve Doğal Ürünlerin Analizinde Kullanılması, Doctorate, 2017 - 2018

Bitirme Projesi Dersi-II, Under Graduate, 2017 - 2018

Fitoterapi, Doctorate, 2017 - 2018



Fenolik Bileşikler ve Glikozitler, Doctorate, 2017 - 2018  
Fenolik Bileşikler, İzolasyonu, Yapı Analizi ve Sentezi, Doctorate, 2017 - 2018  
Uzmanlık Alan Dersi II, Doctorate, 2017 - 2018  
İlaç Keşfinde Doğal Ürünlerin Önemi ve Hızlı Tarama Yöntemleri, Doctorate, 2017 - 2018  
Doğal Ürünlerin Koruyucu ve Tedavi Edici Etkileri, Doctorate, 2017 - 2018  
Pharmacognosy I, Under Graduate, 2017 - 2018  
Fenolik Bileşikler ve Glikozitler, Post Graduate, 2016 - 2017  
Antitümör/Antikanser Doğal İlaç Araştırmaları, Doctorate, 2017 - 2018  
Uzmanlık Alan Dersi I, Post Graduate, 2017 - 2018  
Doğal Ürünler ve İlaç Keşfindeki Önemi, Post Graduate, 2017 - 2018  
Bitirme Projesi Dersi-I, Under Graduate, 2017 - 2018  
Natural Cosmetics and Dermocosmetics, Under Graduate, 2017 - 2018  
Biologically Derived Drugs, Under Graduate, 2017 - 2018  
Bitirme Projesi Dersi II, Under Graduate, 2016 - 2017  
Cosmetology, Under Graduate, 2017 - 2018  
Biologically Derived Drugs, Under Graduate, 2016 - 2017  
Phytotherapy and Phytopharmaceuticals, Under Graduate, 2017 - 2018  
Spektroskopik Yöntemler ve Doğal Ürünlerin Analizinde Kullanılması, Post Graduate, 2016 - 2017  
Sekonder Metabolitlerin Biyosentezi, Doğal Kaynaklardan Eldesi ve Yapı Tayini, Doctorate, 2017 - 2018  
Pharmacognosy III, Under Graduate, 2017 - 2018  
Doktora Tez Çalışması I, Doctorate, 2017 - 2018  
Bitkilerin Sekonder Metabolitleri, İzolasyonu ve Yapı Tayini, Post Graduate, 2017 - 2018  
Natural Cosmetics and Dermocosmetics, Under Graduate, 2016 - 2017  
Doğal Ürünlerin Koruyucu ve Tedavi Edici Etkileri, Doctorate, 2015 - 2016  
Bitirme Projesi Dersi-I, Under Graduate, 2016 - 2017  
Graduation Project II, Under Graduate, 2015 - 2016  
İlaç Keşfinde Doğal Ürünlerin Önemi ve Hızlı Tarama Yöntemleri, Doctorate, 2015 - 2016  
Bitkilerin Sekonder Metabolitleri, İzolasyonu ve Yapı Tayini, Post Graduate, 2016 - 2017  
Fitoterapi, Doctorate, 2015 - 2016  
Biyoaktif Moleküllerin Yapılarının Tayini, Under Graduate, 2015 - 2016, 2016 - 2017  
Gıda-İlaç Etkileşimi, Under Graduate, 2016 - 2017  
Yüksek Lisans Tez Çalışması, Post Graduate, 2015 - 2016  
Terpenoidler ve Steroidler, Doctorate, 2015 - 2016  
Moleküllerin Yapı Tayininde 1D- ve 2D NMR Teknikleri, Doctorate, 2015 - 2016  
Terpenoidler ve Steroidler, Post Graduate, 2015 - 2016  
Sekonder Metabolitlerin Biyosentezi, Doğal Kaynaklardan Eldesi ve Yapı Tayini, Doctorate, 2015 - 2016  
Biyolojik Kökenli İlaçlar, Doctorate, 2015 - 2016  
Kozmetolojik Ürünler ve Toksikite, Post Graduate, 2015 - 2016

## Advising Theses

TOPÇU G., Vinca ispartensis bitkisinin biyoaktif indol alkaloidlerinin araştırılması, Doctorate, E.Savğa(Student), Continues  
Topçu G., Kartal M., İki Endemik Sideritis Türü Üzerinde Fitokimyasal ve Biyoaktivite Çalışmaları, Doctorate, R.Yücer(Student), Continues  
Topçu G., Tan N., Salvia sericeo-tomentosa var. sericeo-tomentosa, Salvia sericeo-tomentosa var. hatayica Üzerinde Fitokimyasal Araştırmalar, Doctorate, G.Özge(Student), Continues  
TOPÇU G., Roemeria hybrida subsp. hybrida türünde bulunan biyoaktif alkaloidler, Post Graduate, F.Mısırlı(Student), Continues  
TOPÇU G., Sağlıklı Beslenmede Kullanılan Bazı Tohumların Sabit Yağlarının Mukayeseli Fitokimyasal Analizi, Post Graduate, Z.Çelik(Student), 2018

TOPÇU G., İlaç Olabilecek Aktif Organik Moleküllerin Sentezi, Doctorate, S.Tuncay(Student), 2018

TOPÇU G., Moleküler Modelleme Yönlendirmeli Olarak Ursan Türevi Triterpenlerin Sentezleri ve Bazı Biyolojik Aktivitelerinin İncelenmesi, Doctorate, H.Şenol(Student), 2018

TOPÇU G., Biyolojik Sıvılardan Meropenem'in Yüksek Performanslı Sıvı Kromatografisi ile Miktar Tayini, Doctorate, D.Dinçel(Student), 2018

TOPÇU G., Türkiye'de Yetişen Bazı Glaucium Türlerinden Biyoaktif Glausin ve Diğer Alkaloidlerinin İzolasyonu ve Yüksek Performanslı Sıvı Kromatografisi İle Miktar Tayini, Doctorate, T.Kuşman(Student), 2018

TOPÇU G., Semi- and Total Synthesis of Bioactive Neoclerodane Diterpenes, Doctorate, A.Yılmaz(Student), 2017

TOPÇU G., Bilgisayar Destekli Antikolinesteraz Flavonoid Türevlerinin Sentezi ve İntraoperatif Kanser Görüntüleme Özelliklerinin İncelenmesi, Doctorate, B.Bütün(Student), 2017

TOPÇU G., Salvia marashica Bitkisi'nin Biyoaktif Bileşenlerinin Belirlenmesi, Post Graduate, S.Kıran(Student), 2017

Topçu G., Öztürk T., Bazı Salvia Türlerinin Sekonder Metabolitlerinin Analizi, Genomik Karakterizasyonu ve Biyolojik Aktivitelerinin İncelenmesi, Doctorate, S.Hatipoğlu(Student), 2017

TOPÇU G., Ferulago blancheana Bitkisinin Sekonder Metabolitlerinin İzolasyonu, antioksidan ve Antikolinesteraz Aktivitelerinin İncelenmesi, Post Graduate, E.Aslan(Student), 2016

Topçu G., Sıcaklık ve pH'ya duyarlı poliakrilik asit/pluronik içiçe geçmiş ağ yapıların sentezi ve karakterizasyonu, Post Graduate, T.Başkan(Student), 2013

Topçu G., Evaluation of cationic polymer vectors for non-viral gene delivery, Post Graduate, H.Güngördü(Student), 2012

TOPÇU G., Nepeta sorgerae ve Nepeta obtusicrena Bitkilerinin Antioksidan ve Anti-Alzheimer Bileşenlerinin İzolasyonu ve Yapılarının Belirlenmesi, Post Graduate, A.Yılmaz(Student), 2011

TOPÇU G., Encapsulation of Anticancer Drugs with Polymeric Micelles and Their Characterization, Post Graduate, K.Karakuş(Student), 2011

TOPÇU G., Prangos ilanea ve Heracleum platytaenium Bitkilerinden Sekonder Metabolitlerin İzolasyonu ve Karakterizasyonu, Antioksidan ve Antikolinesteraz Aktivitelerinin İncelenmesi, Post Graduate, D.Dinçel(Student), 2011

TOPÇU G., Isolation and Structure Elucidation of Vinca Alkaloids from Vinca species and Investigation of Cytotoxic Activity of Vinorelbine Loaded Nanodrug Delivery Systems, Doctorate, F.Bahadori(Student), 2011

TOPÇU G., Salvia chrysophylla ve Salvia trichoclada Bitkilerindeki Sekonder Metabolitlerin İzolasyonu, Yarı Sentetik Türevlerinin Eldesi, Antioksidan ve Antikolinesteraz Aktivitelerinin İncelenmesi, Post Graduate, B.Çulhaoğlu(Student), 2011

TOPÇU G., Salvia adenophylla ve S. verticillata subsp. amasiaca Bitkilerindeki Sekonder Metabolitlerin Aktivite Odaklı İzolasyonu ve Yarı Sentetik Türevlerinin Antioksidan ve Antikolinesteraz Aktivitelerinin İncelenmesi, Post Graduate, S.Damla(Student), 2010

TOPÇU G., Ferulago idea ve F. trojana Bitkilerindeki Sekonder Metabolitlerin İzolasyonu, Antioksidan and Antikolinesteraz Aktivitelerinin İncelenmesi, Post Graduate, B.Çakar(Student), 2010

TOPÇU G., Sternbergia fischeriana (Herbert) Rupr. Alkaloidlerinin Kimyasal Analizi ve Biyolojik Aktivitelerinin Belirlenmesi, Post Graduate, T.Baygar(Student), 2010

TOPÇU G., Türkiye'de Yetişen Vinca Türlerinin Antioksidan Aktiviteleri, Post Graduate, M.Boğa(Student), 2007

TOPÇU G., Endemik İki Sideritis Türü Sideritis arguta ve S. congesta'nın Diterpenik Bileşiklerinin İzolasyonu ve Biyolojik Aktivitelerinin İncelenmesi, Post Graduate, A.Ertaş(Student), 2005

TOPÇU G., Micromeria cilicica ve M. juliana Türlerinde Antioksidan Bileşiklerin HPLC ile Analizi ve Yapılarının Tayini, Doctorate, M.Öztürk(Student), 2005

TOPÇU G., Bazı Triterpen-Flavon Kombinasyonlarının Hazırlanması ve Biyomembranlarda Flouresans Prob olarak Kullanılabilirliğinin Araştırılması, Post Graduate, Z.Türkmen(Student), 2004

TOPÇU G., Sideritis lycia ve Sideritis leptoclada Türlerinin Diterpen Bileşiklerinin İzolasyonu ve Karakterizasyonu, Doctorate, T.Kılıç(Student), 2002

TOPÇU G., Cyathobasis fruticulosa (Bunge) Aellen Alkaloidleri Üzerinde Çalışmalar, Doctorate,

A.Küçükosmanoğlu(Student), 2002

Topçu G., Bazı Sideritis (Sideritis argyrea, Sideritis dichotoma, Sideritis trojana) Türlerinin Diterpenik Bileşenlerinin İzolasyonu ve Yapılarının Tayini, Doctorate, A.Gören(Student), 2002

TOPÇU G., Sideritis sipylea Boiss. Bitkisindeki Diterpenik Yapılarının İzolasyonu ve Karakterizasyonu, Post Graduate, T.Kılıç(Student), 1998

TOPÇU G., Sideritis athoa Papanikolau et Kokkini Bitkisinin Diterpenik Bileşiklerinin İzolasyonu ve Yapı Karakterizasyonu, Post Graduate, A.Ceyhan(Student), 1997

Topçu G., Lavandula stoechas ssp. stoechas Bitkisinin Uçucu Yağının ve Uçucu Olmayan Organik Bileşenlerinin İncelenmesi ve Biyolojik Aktivitelerinin Belirlenmesi, Post Graduate, M.Ayral(Student), 1997

TOPÇU G., Teucrium alyssifolium ve Teucrium sandrasicum Bileşiklerinin Neo-Clerodane Diterpenleri, Doctorate, C.Kesikoğlu(Student), 1994

## **Patent**

TOPÇU G., Inhibition of NF-KappaB activity by triterpene compounds, Patent, CHAPTER A Human Needs, Initial Registration, 2012

TOPÇU G., Isolation and Structure Elucidation of Antituberculous Active Natural Compounds, Patent, CHAPTER C Chemistry; Metallurgy, Initial Registration, 1997

TOPÇU G., Triterpenler ile NF-KappaB Aktivitesinin İnhibisyonu, Patent, CHAPTER C Chemistry; Metallurgy, Initial Registration, 1996

## **Activities in Scientific Journals**

Natural Product Research, Publication Committee Member, 2011 - Continues

Pharmaceutical Biology, Publication Committee Member, 2011 - Continues

Records of Natural Products, First Editor, 2007 - Continues

## **Memberships / Tasks in Scientific Organizations**

Türkiye Kimya Derneği, Member, 1990 - Continues

ACS (American Chemical Society), Member, 1990 - Continues

PSE (Phytochemical Society of Europe), Member, 1990 - Continues

Türk Eczacılar Birliği, Member, 1990 - Continues

RSC (Royal Society of Chemistry), Member, 1990 - Continues

## **Tasks In Event Organizations**

Topçu G., İlaç, Eczacılık, Fitoterapi ve Tıp Alanlarında NMR Uygulamaları, Workshop Organization, İstanbul, Turkey, Kasım 2017

## **Scientific Research / Working Group Memberships**

Gıda Antioksidanları Ölçümü Uygulama ve Araştırma Merkezi, İSTANBUL ÜNİVERSİTESİ, Turkey, 2014 - 2017

## **Invited Congress and Symposium Activities**

Recent Advances in Spectroscopic Methods: Applications in Industry and Agriculture, Invited

Speaker, Dakar, Senegal, 2020

The 5th International Mediterranean Symposium on Medicinal and Aromatic Plants,, Invited Speaker, Nevşehir, Turkey, 2019

The 5th International Mediterranean Symposium on Medicinal and Aromatic Plants, Attendee, Nevşehir, Turkey, 2019

7. Uluslararası İlaç Kimyası Kongresi, Attendee, Antalya, Turkey, 2019

7. İlaç Kimyası Kongresi, Invited Speaker, Antalya, Turkey, 2019

International Symposium on Advances in Lamiaceae Science, Attendee, Antalya, Turkey, 2017

International Symposium on Advances in Lamiaceae Science, Invited Speaker, Antalya, Turkey, 2017

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, Attendee, İstanbul, Turkey, 2017

Uluslararası Katılımlı 5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Attendee, Antalya, Turkey, 2017

6. Multidisipliner Kanser Araştırma Kongresi, Attendee, Konya, Turkey, 2016

41st FEBS Congress, Molecular and Systems Biology for a Better Life, Attendee, Aydın, Turkey, 2016

6th EuChemS Chemistry Congress, Attendee, Sevilla, Spain, 2016

42. Ulusal Fizyoloji Kongresi, Attendee, Kocaeli, Turkey, 2016

IVEK 2rd International Convention of Pharmaceuticals and Pharmacies, Attendee, İstanbul, Turkey, 2015

International Multidisciplinary Symposium on Drug Research & Development, Attendee, Eskişehir, Turkey, 2015

3rd International BAU Drug Design Congress, Attendee, İstanbul, Turkey, 2015

1st International Conference on Natural Products for Cancer Prevention and Therapy, Attendee, İstanbul, Turkey, 2015

XIXth International Congress Phytopharm 2015 New Phytotherapeutics– Developments, Requirements and Success for Patients with Rational Phytotherapy and Courses GxP in Biomedical Research, Attendee, Bonn, Germany, 2015

11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Attendee, Ankara, Turkey, 2015

Royal Society of Chemistry, Medicinal Chemistry Residential School, Attendee, Leicester, United Kingdom, 2015

IVEK First International Convention of Pharmaceuticals and Pharmacies, Attendee, Turkey, 2014

International Workshop on Determining Antioxidants as Reactive Species Scavengers, Invited Speaker, İstanbul, Turkey, 2014

ISNFF - 7th International Conference and Exhibition on Nutraceuticals and Functional Foods, Invited Speaker, İstanbul, Turkey, 2014

40. Ulusal Fizyoloji Kongresi, Attendee, Kayseri, Turkey, 2014

2nd Int. BAU Drug Design Congress, Invited Speaker, İstanbul, Turkey, 2014

44th IUPAC World Chemistry Congress, Attendee, İstanbul, Turkey, 2013

1. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Invited Speaker, Antalya, Turkey, 2013

XVIII èmes Journées Internationales de Chimie, Invited Speaker, Constantine, Algeria, 2012

Uluslararası Katılımlı 26. Ulusal Kimya Kongresi, Attendee, Muğla, Turkey, 2012

Labiatae Familyası Bitkileri Üzerindeki Çalışmalar, Virginia Teknik Üniversitesi, Politeknik Enstitüsü, Virginia, USA, Invited Speaker, Virginia, United States Of America, 2011

New Challenges in Natural Products Chemistry, Conference in honour of Prof. Dr. Ayhan Ulubelen, Attendee, İstanbul, Turkey, 2011

New Challenges in Natural Products Chemistry, Attendee, İstanbul, Turkey, 2011

59th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research, Attendee, Ankara, Turkey, 2011

Uluslararası Katılımlı 25. Ulusal Kimya Kongresi, Attendee, Erzurum, Turkey, 2011

Phytochemical Society of Europe to the International Symposium on "Terpenes- Application, Activity and Analysis, Attendee, İstanbul, Turkey, 2010

3th International Meeting on Pharmacy and Pharmaceutical Sciences Congress, Attendee, İstanbul, Turkey, 2010

Workshop on Antioxidant Measurement Assay Methods, Invited Speaker, İstanbul, Turkey, 2010

International Society for Nutraceuticals and Functional Foods (ISNFF), Invited Speaker, İstanbul, Turkey, 2009

International Society for Nutraceuticals and Functional Foods (ISNFF), Attendee, İstanbul, Turkey, 2009

42th IUPAC World Chemistry Congress, Attendee, Glasgow, United Kingdom, 2009

İTÜ Nano-Bilim ve Nano-Teknoloji Çalıştayı, Attendee, İstanbul, Turkey, 2009

XXII Ulusal Kimya Kongresi, Invited Speaker, Gazimagusa, Cyprus (Kkct), 2008

NanoTR4 (4. Nanoscience and Nanotechnology Conference), Attendee, İstanbul, Turkey, 2008

XI. Ulusal Kimya Kongresi, Attendee, Malatya, Turkey, 2007

XXI. Ulusal Kimya Kongresi, Attendee, Malatya, Turkey, 2007

XXI. Ulusal Kimya Kongresi, Invited Speaker, Malatya, Turkey, 2007

International Conference on Organic Chemistry, Attendee, Erzincan, Turkey, 2007

10th International Symposium on Natural Product Chemistry, Invited Speaker, Karachi, Pakistan, 2006

10th International Symposium on Natural Product Chemistry, Attendee, Karâchi, Pakistan, 2006

Doğal Ürünler Kimyasında Son Gelişmeler, Ege Üniversitesi, Fen Fakültesi, Kimya Bölümü, Invited Speaker, İzmir, Turkey, 2004

Bitki Kimyası Araştırmalarının Geleceği, Celal Bayar Üniversitesi, Fen-Edebiyat Fakültesi, Invited Speaker, Manisa, Turkey, 2004

12th International Biotechnology Symposium and Exhibition, Attendee, Santiago, Chile, 2004

TOD 38. Ulusal Oftalmoloji Kongresi, Attendee, Antalya, Turkey, 2004

XVIII. Ulusal Kimya Kongresi, Invited Speaker, Kars, Turkey, 2004

XIV. Ulusal Kimya Kongresi, Attendee, Kars, Turkey, 2004

Üniversiteler ve Bilim Dünyasında Gezinti, İ. Ü. Eczacılık Fakültesi, Invited Speaker, İstanbul, Turkey, 2004

Spektral Analizlerde Problem Çözümleri-Terpenoitler, HAFAG, Hacettepe Üniversitesi, Eczacılık Fakültesi, Invited Speaker, Ankara, Turkey, 2003

3rd International Symposium on Natural Drugs, Attendee, Napoli, Italy, 2003

XVII. Ulusal Kimya Kongresi, Attendee, İstanbul, Turkey, 2003

Doğal Kaynaklı Ürün Geliştirme: Kozmetik Sektöründe Doğal Hammaddelerin Yeri Paneli, Kocaeli Üniversitesi, Panelists, Kocaeli, Turkey, 2003

Nükleer, Biyolojik ve Kimyasal Silahlar Konferansında konuşmacı, İ. Ü. Fen Fakültesi, Biyoloji Bölümü, Invited Speaker, İstanbul, Turkey, 2003

1st International Congress on the Chemistry of Natural Products (ICNP), Invited Speaker, Trabzon, Turkey, 2002

1st International Congress on the Chemistry of Natural Products (ICNP), Attendee, Trabzon, Turkey, 2002

XVI. Ulusal Kimya Kongresi, Attendee, Konya, Turkey, 2002

3rd Aegean Analytical Chemistry Days, Attendee, Mitilíni, Greece, 2002

Pharmacy and Pharmaceutical Sciences World Congress 2002, 62nd Congress of FIP, Attendee, Nice, France, 2002

International Organic Chemistry Meeting, Invited Speaker, Hatay, Turkey, 2002

International Organic Chemistry Meeting, Invited Speaker, Hatay, Turkey, 2002

International Organic Chemistry Meeting, Attendee, Hatay, Turkey, 2002

Dünyada ve Türkiye’de Bitki Kimyasının Yeri, On Sekiz Mart Üniversitesi, Fen-Edebiyat Fakültesi, Süleyman Demirel Konferans Salonu, Invited Speaker, Çanakkale, Turkey, 2002

4th International Symposium on the Chemistry of Natural Compounds (SCNC-2001), Attendee, Isparta, Turkey, 2001

XIII. Bitkisel İlaç Hammaddeleri Toplantısı, Marmara Üniversitesi, Attendee, İstanbul, Turkey, 2000

22nd IUPAC International Symposium on the Chemistry of Natural Products Congress, Attendee, São

Paulo, Brazil, 2000

XIV. Ulusal Kimya Kongresi, Attendee, Diyarbakır, Turkey, 2000

XIV. Ulusal Kimya Kongresi, Invited Speaker, Diyarbakır, Turkey, 2000

Bioactive Compounds from Turkish Salvia Species, Leibniz Institute für Pflanzenbiochemie, Halle (Saale), Germany, Invited Speaker, Halle, Germany, 2000

19th International Meeting on Organic Geochemistry, Attendee, İstanbul, Turkey, 1999

2000 Years of Natural Products Research-Past, Present and Future- Joint Meeting of the ASP, AFERP, GA and PSE" Congress, Attendee, Amsterdam, Netherlands, 1999

Bitkilerin İlaç Olarak Kullanımı ve Örnekleri, MKÜ, Fen-Edebiyat Fakültesi, Invited Speaker, Hatay, Turkey, 1999

5th Congress of the Mediterranean Society of Clinical Pharmacology, Attendee, Marrâkush, Morocco, 1998

5th Congress of the Mediterranean Society of Clinical Pharmacology, Invited Speaker, Marrakush, Morocco, 1998

XII. Ulusal Kimya Kongresi, Attendee, Edirne, Turkey, 1998

XIIth Int. Symp. on Plant Originated Crude Drugs, Attendee, Ankara, Turkey, 1998

Innovative Technologies for Textiles, Attendee, İstanbul, Turkey, 1998

XI. Kimya Kongresi, Attendee, Van, Turkey, 1997

XI. Kimya Kongresi, Attendee, Van, Turkey, 1997

Mass Spektroskopisi ve Uygulamaları, Y.T.Ü., Fen-Edebiyat Fakültesi, Kimya Bölümü, Invited Speaker, İstanbul, Turkey, 1997

5th International Symposium for Pharmaceutical Sciences, Attendee, Ankara, Turkey, 1997

Modern NMR Teknikleri ve Uygulamaları Semineri, İstanbul Üniversitesi, Mühendislik Fakültesi, Kimya Bölümü, Invited Speaker, İstanbul, Turkey, 1997

Tek ve Çift Dimensiyonlu NMR Teknikleri ve Uygulamaları, Y.T.Ü., Fen-Edebiyat Fakültesi, Kimya Bölümü, Invited Speaker, İstanbul, Turkey, 1996

27th International Symposium on Essential Oils, Attendee, Wien, Austria, 1996

44th Annual Congress of the Society for Medicine Plant Research and a Joint Meeting with the Czech Biotechnology Society, Attendee, Praha, Czech Republic, 1996

XI. Meeting on Vegetable Crude Drugs, Attendee, Ankara, Turkey, 1996

Bitki Kimyasındaki Son Gelişmeler, Balıkesir Üniversitesi, Fen- Edebiyat Fakültesi, Invited Speaker, Balıkesir, Turkey, 1995

35th IUPAC World Chemistry Congress, Attendee, İstanbul, Turkey, 1995

Bitki Kimyası'nın Dünyadaki Yeri ve Önemi, TÜBİTAK MAM- Kimya Araştırma Bölümü, Invited Speaker, Kocaeli, Turkey, 1995

36. Annual Meeting of the American Society Pharmacognosy, Attendee, Mississippi, United States Of America, 1995

4th Int. Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 1995

First International Meeting on Pharmacy and Pharmaceutical Sciences, Attendee, İstanbul, Turkey, 1994

XXIII. Semaine Medicale Balkanique, Attendee, İstanbul, Turkey, 1994

Regional Seminar on Chemistry of Medicinal Plants, Invited Speaker, Chengdu, China, 1993

Çift Dimensiyonlu NMR Teknikleri, NMR Yaz Okulu TÜBİTAK-MAM, Invited Speaker, Kocaeli, Turkey, 1993

34th IUPAC World Chemistry Congress, Attendee, Beijing, China, 1993

Regional Seminar on Chemistry of Medicinal Plants, Attendee, Chengdu, China, 1993

X. Bitkisel İlaç Hammaddeleri Toplantısı, Attendee, İzmir, Turkey, 1993

Xth Meeting on Vegetable Crude Drugs, Attendee, İzmir, Turkey, 1993

18th IUPAC Symposium on the Chemistry of Natural Products, Attendee, Strasbourg, France, 1992

Natural Products and Drugs, Attendee, Strasbourg, France, 1992

4th International Congress on Phytotherapy, Attendee, München, Germany, 1992

5th International Symposium on Natural Product Chemistry, Attendee, Karâchi, Pakistan, 1992

ASOMPS VII. Meeting, Attendee, Manila, Philippines, 1992

5th International Symposium on Natural Product Chemistry, Invited Speaker, Karachi, Pakistan, 1992  
5th International Symposium on Natural Product Chemistry, Invited Speaker, Karachi, Pakistan, 1992  
4th World Congress Holistic Approach Health for All, Attendee, Bengalûru, India, 1991  
4th World Congress Holistic Approach Health for All, Invited Speaker, Bengaluru, India, 1991  
International Research Congress on Natural Products, 32nd Annual Meeting of the American Society of Pharmacognosy, Attendee, Illinois, United States Of America, 1991  
Uluslararası Katılımlı II. Eczacılık Bilimleri Sempozyumu, Attendee, Ankara, Turkey, 1991  
IX. Bitkisel İlaç Hammaddeleri Toplantısı, Attendee, Eskişehir, Turkey, 1991  
VII. Kimya ve Kimya Mühendisliği Sempozyumu, Attendee, Gazimagusa, Cyprus (Kkctc), 1991  
28th Annual Medicinal Chemistry Meeting-in-Miniature, Attendee, Kansas, United States Of America, 1991  
50th International Congress of FIP (Federation Internationale Pharmaceutique), Attendee, İstanbul, Turkey, 1990  
International research congress on Natural Products, Attendee, San Juan, Puerto Rico, 1989  
American Society of Pharmacognosy 28th Annual Meeting, Attendee, Rhode Island, United States Of America, 1987  
International Symposium on Medicinal Plants Chemistry, Attendee, İzmir, Turkey, 1987  
NIH Workshop: Bioassays for Discovery of Antitumor and Antiviral Agents from Natural Sources, Attendee, Maryland, United States Of America, 1987  
PCRPS, Triterpenoid and Diterpenoid Compounds from Salvia Species, Invited Speaker, Illinois, United States Of America, 1987  
II Kimya Sempozyumu, Attendee, Ankara, Turkey, 1985  
Çapa Tıp Fakültesi-Sağlık Bilimleri Günleri, Attendee, İstanbul, Turkey, 1985

## **Citations**

Total Citations (WOS):3676

h-index (WOS):31

## **Research Areas**

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy