

## Prof. HAMDİ TEMEL



### Personal Information

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**Web:** <https://www.hamditemel.com.tr>

### International Researcher IDs

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Publons / Web Of Science ResearcherID: U-4164-2018

Yoksis Researcher ID: 33214



### Education Information

Undergraduate, Anadolu University, Open Education Faculty, Department Of Health Administration, Turkey 2017 - 2020

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmakoloji ve Toksikoloji, Turkey 2016 - 2020

Doctorate, Fırat University, Institute Of Science, inorganik kimya, Turkey 1993 - 1996

Postgraduate, Fırat University, Institute Of Science, inorganik kimya, Turkey 1990 - 1993

Undergraduate, Selcuk University, Ahmet Keleşoğlu Faculty Of Education, kimya, Turkey 1984 - 1988

### Biography

Prof. Dr. Hamdi Temel, 1967 yılında (resmi 1966) Sorgun'da doğdu, ilk ve orta öğretimini Sorgun'da tamamladı ve 1988 yılında Selçuk Üniversitesi Kimya Öğretmenliği, 2017- 2021 tarihleri arasında da Anadolu Üniversitesi Açık Öğretim Fakültesinde Sağlık Yönetiminde ikinci lisans eğitimini, 1990- 1996 yıllarında Fırat üniversitesi Fen Bilimleri Enstitüsünde Anorganik kimya anabilim dalında Yüksek Lisans ve Doktora ve 2016- 2020 yılları arasında Ankara Üniversitesi Sağlık Bilimleri Enstitüsü Farmakoloji ve Toksikoloji alanında ikinci doktora çalışmalarını tamamladı. 1989 yılında, Dicle Üniversitesi Eğitim Fakültesi Kimya anabilim dalında Araştırma Görevlisi, 1997 yılında Yrd. Doç. Dr., 2002 yılında doçent ve 2008 yılında da profesörlüğe atandı. 2012 yılında da Eczacılık Fakültesi Farmasötik Kimya Anabilim dalına ve daha sonra 2021 yılında Bozok Üniversitesi Tıp Fakültesi Tıbbi Farmakoloji Anabilim dalına profesör olarak ataması yapıldı. Halen Bozok Üniversitesinde profesör olarak öğretim üyeliğine devam etmektedir.

Bu zamana kadar 133'i yurt dışı yayını olmak üzere 148 yayını vardır. 109'ü yurt dışı sempozyumu olmak üzere 221 adet sempozyuma katılarak çalışmalarını sunmuştur. Çalışmaları Wep of Science'de 2250 atıf almıştır. H faktörü wep of science verilerine göre 29'dır. Bu zamana kadar 10 yüksek lisans ve 9 tane de doktora öğrencisi yetiştirmiştir ve hala da yüksek lisans ve doktora öğrencileri mevcuttur. 5 Kazakistan'dan 2 de Cezayir'den öğrencilerin ikinci doktora danışmanlığını yapmış ve tezlerini bitirtmiştir. 30 adet farklı bilimsel dergilerde hakemlik görevleri ve 10 dergide de editörlük görevlerini yapmaktadır.

2012- 2016 tarihleri arasında Dicle Üniversitesi Eczacılık Fakültesi kurucu Dekanlığı, 2008- 2016 tarihleri arasında Dicle Üniversitesi Araştırma Fonu koordinatörlüğü ve 2012-2016 Dicle Üniversitesi Bilim ve Teknoloji Uygulama ve Araştırma merkezi kurucu müdürlüğü, 2008- 2013 tarihleri arasında Dicle Üniversitesi Fen Bilimleri Enstitüsü Müdürlüğü, 2010- 2013 tarihleri arasında ise D.Ü. Engelliler uygulama ve Araştırma merkezi kurucu Müdürlüğü ve 2012- 2021 tarihleri arasında Farmasötik Kimya Anabilim Dalı ve Meslek Bilimleri Bölüm Başkanlığı Başkanlığı görevleri yapmıştır.

Halen, Bozok Üniversitesi Lisans üstü Enstitüsü Müdürlüğü, Çevre Bilincini Geliştirme Derneği Yönetim Kurulu Başkanlığı ve Bozok Üniversitesi Tıp Fakültesi Tıbbi Farmakoloji Anabilim Dalı Başkanlığı görevlerine devam etmektedir.

14'si proje yürütücü olmak üzere 38 projede görev almıştır.

2008 Yılı I. Akademik Performans Değerlendirme ve Ödüllendirme" (APDÖ) uygulamasında aldığı Akademik puana göre, Dicle üniversitesi Eğitim Fakültesi Fen Bilimleri Alanında 1. ve 2009 Yılı II. Akademik Performans Değerlendirme ve Ödüllendirme" (APDÖ) uygulamasında aldığı Akademik puana göre, Dicle Üniversitesi Fen Bilimleri Alanında 1., 2010 Yılı I. Akademik Performans Değerlendirme ve Ödüllendirme" (APDÖ) uygulamasında aldığı Akademik puana göre, Dicle üniversitesi Eğitim Fakültesi Fen Bilimleri Alanında 2. 2011 Yılı I. Akademik Performans Değerlendirme ve Ödüllendirme" (APDÖ) uygulamasında aldığı Akademik puana göre, Dicle üniversitesi Eğitim Fakültesi Fen Bilimleri Alanında 1., 2013 Yılı 4. Akademik Performans Değerlendirme ve Ödüllendirme" (APDÖ 4) uygulamasında aldığı Akademik puana göre, Dicle üniversitesi Eczacılık Fakültesinde 1. olarak seçilmiştir. Başarı Belgesi, Plaket takdimi ve ödül olarak bir ay İngiltere'de dil ve tecrübelerini artırmak amacı ile görevlendirilmiştir, 2015.

26 Haziran 2014 tarihinde Sorgun kaymakamlığının düzenlemiş olduğu "Kıvalı Hasan Başarı Ödülü" nü almıştır.

Wep of science verilerine göre 26 H indeksi ile dicle üniversitesinde 1. Sırada, Google scholar verilerine göre ise 2. Sırada bulunmasından dolayı, Eğitim-Bir-Sen Diyarbakır 2 nolu şube yönetim kurulu tarafından plaket ve çeşitli hediyeler ile ödüllendirilmiştir.

2021 yılında Bozok Üniversitesi tarafından düzenlenen Akademik teşvik kapsamında "Sağlık ve Yaşam Bilimleri Akademik Başarı Birincilik Ödülü" almıştır (14 Haziran 2022 tarihinde Bozok Üniversitesi Erdoğan Akdağ Kongre Merkezi).

Kazakistan Kazak British Teknik üniversitesinde yüksek lisans ve doktora dersleri vermiş, doktora öğrencileri ile yaptıkları çalışmalarında 3 adet Kazakistan'da patent çalışmaları mevcuttur. Amerika'da Maryland Üniversitesi, Virginia Tech Üniversitesi ve National Institute Healty, Avusturya Linz de Johannes Kepler Üniversitesi, İtalya Roma'da Sapienza Üniversitesinde, Estonya Talin Teknoloji Üniversitesi'nde araştırma ziyaretlerinde bulunmuş, Avrupa Birliği Projesi kapsamında 21 gün Avusturya Viyana'da "Çölyak Hastaları için Tıbbi Ekmek Yapımının Öğrenilmesi" projesinde görev almıştır. St Gallen, İsviçre; 03-8 Mart 2012 tarihleri arasında İsviçre'nin St. Gallen şehrinde İsviçre'nin Alman Bölgesindeki eğitim sistemini incelemek, eğitim fakültelerindeki yapıyı araştırmak ve öğretmenlik uygulaması-okul deneyimi derslerinin yapısını incelemek amacıyla bulunmuştur.

6 Mart 2012 tarihinde naylon poşetlerin zararları konusunda padagogische fakultat Tigris- Universitat-PHSG de seminer vermiştir. Dortmund, Almanya; 9-10 Mart 2012 tarihleri arasında Almanya üniversitelerinden, Technische Universitat Dortmund ve Universitat Osnabrück'de araştırma ziyaretlerinde bulunmuştur. Kyoto, Japonya; 19<sup>th</sup> International Mass Spectrometry Conference September, 15-21 2012 kyoto, Japan. Konferansına katılmış ve 13-22 Ekim 2012 tarihleri arasında Shimadzu şirketi ve Dicle üniversitesi öğretim elemanları ile Mass Spectra çalışmalarına katılmıştır. Lisbon, Portekiz; 22.09.2013- 28.09.2013 tarihleri arasında Portekiz, Associaçao de Amizade Luso-Turca'da " Erasmus Eğitim Alma Programı" kapsamında bulunmuştur. Tahran, İran; 28 Şubat- 2 Mart 2015 tarihleri arasında İran, IROST ta çalışmaları ile ilgili seminerler vermiştir, ikili işbirliği anlaşmaları imzalanmıştır. Cambridge, İngiltere; 01-30 Ağustos 2015 tarihleri arasında İngiltere Cambridge de dil okulunda konuşma ve dinlemeye yönelik proje kapsamında dil eğitimi almıştır. Cadval, Portekiz; 21-25 Mart 2016 Avrupa Birliği ve Türkiye Ulusal Ajansı tarafından desteklenen Bireylerin Öğrenme Hareketliği Ana Eylemi altında yer alan "ECO Campaign- be the Chance" isimli proje kapsamında bir haftalık katılımcı olarak görev almış ve orada seminerler vermiştir. 01-10 Temmuz 2019 tarihleri arasında "Young Entrepreneurs for Social Development" kapsamında Belçika- Brüksel, Avrupa Birliği 2019-1-BE05-KA105-002635 nolu projede eğitmen olarak görev almıştır.

24-26 Mayıs 2010 tarihleri arasında Dicle Üniversitesi kongre merkezinde "I. Uluslararası Arası Katılımlı Kamu- Üniversite-Sanayi İşbirliği Sempozyumu ve Mermencilik Şurası" ve 10-11 mayıs 2011 tarihleri arasında "1. Özel Eğitim Ve Engelsiz Yaşam" 13- 14 Mayıs 2013 tarihinde "Güneydoğu'da özel Gereksinimli Bireylerin Sorunları ve Birimleri Çalıştay", ve 6-8 mart 2014 tarihleri arasında "2023 Vizyonunda Üniversitelerin Araştırma Laboratuvarları Çalıştay"

“Sorgun Yöresi Kalkınma Çalıştay” pmiştir (26 Eylül 2014) sempozyum veya çalıştaylarda Sempozyum veya Çalıştay Başkanlıkları görevlerini yürütmüştür.

2011 yılında Hayy Kitapevi tarafından “Naylon Aşk Öldürür” ve LAP LAMBERT tarafından “Polymer and Momoner Ligands of Schiff Bases with Various Application” ve Çağaloğlu yayın evi tarafından “Susuz Aşk Yaşanmaz”, Nobel Tıp Kitapevi tarafından “Sağlık Bilimleri Açısından Kenevir” adlı kitapları basılmıştır.

Dünyada ilk defa pet şişelerin içinde 5 tane farklı kimyasal madde bulması dolayısı ile kamuoyunda adından çok bahsedilmiştir.

Çok sayıda radyo televizyon ve basın yayınlarda naylon poşetlerin kullanımlarının azaltılması ile ilgili görüşleri, yorumları ve canlı programları mevcuttur. Naylon Poşet kirliliğini Türkiye’de gündeme getiren ilk akademisyenlerden olmuş, vergi getirilerek naylon poşet kirliliğinden kurtulunabileceğini kamuoyunda çokça dile getirmiştir.

Çeşitli gazetelerde ve internet sayfalarında güncel konuları değerlendiren haftalık köşe yazıları yazmaktadır. TUBİTAK ve akademik projeler nasıl hazırlanır eğitimlerinde eğitmen ve koordinatör olarak birçok görevler almıştır. Evli ve 3 çocuk babasıdır. İyi derecede İngilizce bilmektedir.

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, 3-Metoksi katekol ile boronik asit türevlerinden elde edilen yeni bor içerikli bileşiklerin in vitro antioksidan, antikolinesteraz, antiüreaz, antitirozinaz, sitotoksik ve antibakteriyel etkinliklerinin araştırılması, Ankara University, 2020  
Doctorate, Bazı lipofilik diaza-crown bileşiklerinin metal komplekslerinin hazırlanması, Fırat University, Institute Of Science, 1995

## Research Areas

Health Sciences, Natural Sciences

## Academic Titles / Tasks

Professor, Yozgat Bozok University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2021 - Continues

Professor, Dicle University, Faculty Of Pharmacy, Department Of Professional Pharmaceutical Sciences, 2019 - 2021

Professor, Dicle University, Faculty Of Pharmacy, Department Of Professional Pharmaceutical Sciences, 2013 - 2021

## Academic and Administrative Experience

Director of The Institution, Yozgat Bozok University, Lisansüstü Eğitim Enstitüsü, Tıbbi Farmakoloji, 2022 - Continues

Head of Department, Yozgat Bozok University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2021 - Continues

Dean, Dicle University, Faculty Of Pharmacy, Department Of Professional Pharmaceutical Sciences, 2012 - 2016

Manager of Research and Application Center, Dicle University, Science And Technology Application And Research Center, 2012 - 2016

Research Institute Director, Dicle University, The Disabled Research And Application Center, 2010 - 2014

Director of The Institution, Dicle University, Institute Of Science, 2009 - 2013

## Courses

İçilebilir su kaynakları, Undergraduate, 2022 - 2023  
KEMOTERAPÖTİKLER, Postgraduate, 2022 - 2023  
BİYOKİMYASAL FARMAKOLOJİ TEKNİKLERİ, Doctorate, 2022 - 2023  
UZMANLIK ALAN DERSİ, Postgraduate, 2022 - 2023  
Farmakolojiye giriş, Postgraduate, 2022 - 2023  
Tıbbi cihaz ve malzemelerin tanıtımı ve uygulama sahaları, Undergraduate, 2021 - 2022  
Tıbbi Farmakoloji, Undergraduate, 2021 - 2022

## Advising Theses

Temel H., Bor bileşiklerinin ilaç tasarımı ve moleküler modellemesi, Doctorate, B.KURT(Student), 2021  
Temel H., Bitkisel kökenli fenoliklerle bor içerikli bileşikler hazırlanarak gümüş nano kremlerin üretilmesi, Doctorate, M.ATLAN(Student), 2019  
Temel H., Çapraz bağlı nişasta ve iki tabakalı polilaktik asit(PLA) biyofilmlerinin hazırlanarak, yapısal, mekanik ve kontrollü kompost ortamında biyobozunumlarının incelenmesi, Doctorate, N.GÜRLER(Student), 2019  
Temel H., Bazı Euphorbia türlerinin ağır metal ve türe özgü sekonder metabolit içeriklerinin LC-MS/MS, LC-MS-IT-TOF ve ICP-MS ile metot validasyonu; antioksidan ve antikanser özelliklerinin belirlenmesi, Doctorate, İ.YENER(Student), 2017  
Temel H., Bazı Allium (yabani sarımsak) türlerinin aflatoksin, ağır metal ve sekonder metabolit içeriklerinin ICP-MS ve LC-MS/MS ile belirlenmesi ve biyolojik aktivitelerinin incelenmesi, Postgraduate, E.İZOL(Student), 2016  
Temel H., Bazı Achillea l. türlerinin LCMS-IT/TOF ve LC-MS/MS ile metabolik profillerinin çıkarılması ve biyolojik aktivitelerinin belirlenmesi, Doctorate, M.ABDULLAH(Student), 2015  
Temel H., Diyarbakır ili petrol üretim sahalarının çevre sularına olası etkisi ve elektrokoagülasyon yöntemi kullanılarak arıtlabilirliğinin araştırılması, Doctorate, H.KARA(Student), 2015  
Temel H., Bor türevi kimyasallarla çeşitli bileşiklerin sentezi ve uygulamaları, Doctorate, S.PAŞA(Student), 2014

## Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, İstanbul Üniversitesi, March, 2022

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

- I. **Cream production and biological in vivo/in vitro activity assessment of a novel boron-based compound derived from quercetin and phenyl boronic acid**  
Temel H., Atlan M., Ertas A., Yener I., Akdeniz M., Yazan Z., Yilmaz M. A., Doğanyigit Z., Okan Oflamaz A., Akyuz E.  
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.74, 2022 (SCI-Expanded)
- II. **Development and Validation of a Novel LC-MS/MS Method for the Quantitation of 19 Fingerprint Phytochemicals in Salvia Species: A Chemometric Approach**  
Yilmaz M. A., Ertas A., Yener I., Olmez O. T., Fırat M., Temel H., Ozturk M., KOLAK U.  
JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.60, no.8, pp.770-785, 2022 (SCI-Expanded)
- III. **Chemical fingerprints and bioactivities of 12 Anatolian Achillea L. species by LC-MS/ MS with chemometric approach: novel phytonutrients, natural food preservatives and chlorogenic acid sources**  
Yilmaz M. A., Ertas A., Yener İ., Türkmenoğlu F. P., Tokul Ölmez O., Öztürk M., Altun M., Çakir O., Tarhan A., Boğa M., et al.  
Turkish Journal of Botany, vol.46, no.5, pp.473-489, 2022 (SCI-Expanded)
- IV. **Assessment of heavy metal contamination in groundwater of Diyarbakir Oil Production Area,**

**(Turkey) using pollution indices and chemometric analysis**

Kara H., DEMİR YETİŞ A., TEMEL H.

ENVIRONMENTAL EARTH SCIENCES, vol.80, no.20, 2021 (SCI-Expanded)

- V. **Development of AMBER parameters for molecular dynamics simulations of boron compounds containing aromatic structure**  
Kurt B., Temel H.  
CHEMICAL PHYSICS LETTERS, vol.775, 2021 (SCI-Expanded)
- VI. **Identification of Phenolic Compounds by LC-MS/MS and Evaluation of Bioactive Properties of Two Edible Halophytes: *Limonium effusum* and *L. sinuatum***  
BAYSAL İ., EKİZOĞLU M., Ertas A., Temiz B., Agalar H. G., Yabanoglu-Ciftci S., Temel H., UÇAR G., Turkmenoglu F. P.  
MOLECULES, vol.26, no.13, 2021 (SCI-Expanded)
- VII. **Silane doped biodegradable starch-PLA bilayer films for food packaging applications: Mechanical, thermal, barrier and biodegradability properties**  
Gurler N., Pasa S., Temel H.  
JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.123, pp.261-271, 2021 (SCI-Expanded)
- VIII. **A Detailed Chemical and Biological Investigation of Twelve Allium Species from Eastern Anatolia with Chemometric Studies**  
Izol E., Temel H., Yilmaz M. A., Yener I., Olmez O. T., Kaplaner E., Fırat M., Hasimi N., Ozturk M., Ertas A.  
CHEMISTRY & BIODIVERSITY, vol.18, no.1, 2021 (SCI-Expanded)
- IX. **Synthesis, characterization, DNA interaction and docking studies of novel Schiff base ligand derived from 2,6-diaminopyridine and its complexes**  
Kurt B., Temel H., Atlan M., Kaya S.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1209, 2020 (SCI-Expanded)
- X. **Parameterization of Boronates Using VFFDT and Paramfit for Molecular Dynamics Simulation**  
Kurt B., Temel H.  
MOLECULES, vol.25, no.9, 2020 (SCI-Expanded)
- XI. **The fabrication of bilayer polylactic acid films from cross-linked starch as eco-friendly biodegradable materials: Synthesis, characterization, mechanical and physical properties**  
Gurler N., Pasa S., Alma M. H., Temel H.  
EUROPEAN POLYMER JOURNAL, vol.127, 2020 (SCI-Expanded)
- XII. **Trace Element Analysis by ICP-MS and Chemometric Approach in Some Euphorbia Species: Potential to become a Biomonitor**  
Yener I., Temel H., Tokul-Olmez O., Fırat M., Oral E. V., Akdeniz M., Senturk K., Kaplaner E., Ozturk M., Ertas A.  
IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, vol.18, no.4, pp.1704-1724, 2019 (SCI-Expanded)
- XIII. **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., Yilmaz M. A., Olmez O. T., KÖSEOĞLU YILMAZ P., Yesil Y., Kaplaner E., Ozturk M., Temel H., KOLAK U., et al.  
ANALYTICAL LETTERS, vol.52, no.7, pp.1031-1049, 2019 (SCI-Expanded)
- XIV. **A New Preconcentration Method for the Determination of Pb and Ni in Real Samples by Using Amberlite XAD-16 Functionalized With 1,6-bis(2-carboxy aldehyde phenoxy)butane**  
Oral E. V., Erdogan S., Temel H., Ziyadanogullari B., Ziyadanogullari R.  
ATOMIC SPECTROSCOPY, vol.40, no.3, pp.104-112, 2019 (SCI-Expanded)
- XV. **Simultaneous quantification of phenolic acids and flavonoids in *Chamaerops humilis* L. using LC-ESI-MS/MS**  
Bouhafsoun A., Yilmaz M. A., Boukeloua A., Temel H., Kaid Harche M.  
FOOD SCIENCE AND TECHNOLOGY, vol.38, pp.242-247, 2018 (SCI-Expanded)
- XVI. **A detailed study on chemical and biological profile of nine Euphorbia species from Turkey with chemometric approach: Remarkable cytotoxicity of *E. fistulosa* and promising tannic acid content of**

## **E-eriophora**

Yener I., Olmez O. T., Ertas A., Yilmaz M. A., Firat M., Kandemir S. I., Ozturk M., KOLAK U., Temel H.  
INDUSTRIAL CROPS AND PRODUCTS, vol.123, pp.442-453, 2018 (SCI-Expanded)

- XVII. **A comprehensive LC-MS/MS method validation for the quantitative investigation of 37 fingerprint phytochemicals in Achillea species: A detailed examination of A. coarctata and A. monocephala**  
Yilmaz M. A., Ertas A., Yener I., Akdeniz M., Cakir O., Altun M., Demirtas I., Boga M., Temel H.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.154, pp.413-424, 2018 (SCI-Expanded)
- XVIII. **Ecology and genomics of an important crop wild relative as a prelude to agricultural innovation**  
von Wettberg E. J. B., Chang P. L., Basdemir F., Carrasquilla-Garcia N., Korbu L. B., Moenga S. M., Bedada G., Greenlon A., Moriuchi K. S., Singh V., et al.  
NATURE COMMUNICATIONS, vol.9, 2018 (SCI-Expanded)
- XIX. **Developments in transfer hydrogenations of aromatic ketones catalyzed by boron compounds**  
Pasa S., Gurler N., Temel H., Rafikova K., Aydemir M.  
JOURNAL OF COORDINATION CHEMISTRY, vol.70, no.8, pp.1357-1367, 2017 (SCI-Expanded)
- XX. **Elucidation of Phosphodiesterase-1 Inhibitory Effect of Some Selected Natural Polyphenolics Using In Vitro and In Silico Methods**  
Rauf A., ERDOĞAN ORHAN İ., Ertas A., Temel H., Ben Hadda T., Saleem M., Raza M., Khan H.  
CURRENT TOPICS IN MEDICINAL CHEMISTRY, vol.17, no.4, pp.412-417, 2017 (SCI-Expanded)
- XXI. **Transfer hydrogenation reaction using novel ionic liquid based Rh(I) and Ir(III)-phosphinite complexes as catalyst**  
Karakas D. E., Durap F., Baysal A., Ocak Y. S., Rafikova K., Kaya E. C., Zazybin A., Temel H., Kayan C., Meric N., et al.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.824, pp.25-32, 2016 (SCI-Expanded)
- XXII. **Phytochemical profile and some biological activities of three Centaurea species from Turkey**  
Boga M., Alkan H., Ertas A., Oral E. V., Yilmaz M. A., Yesil Y., Goren A. C., Temel H., KOLAK U.  
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.15, no.9, pp.1865-1875, 2016 (SCI-Expanded)
- XXIII. **Comparative sorption capacity of Pb(II) and Cd(II) by natural zeolite in phosphoric acid medium**  
Kussainova M. Z., Pasa S., Zhumasilovich D. U., Chernyakova R. M., Atlan M., Temel H.  
DESALINATION AND WATER TREATMENT, vol.57, no.27, pp.12561-12571, 2016 (SCI-Expanded)
- XXIV. **The synthesis of boronic imine structured compounds and identification of their anticancer antimicrobial and antioxidant activities**  
PAŞA S., aydın s., kalaycı s., BOĞA M., adlan m., BİNGÜL M., ŞAHİN F., TEMEL H.  
JOURNAL OF PHARMACEUTICAL ANALYSIS, vol.6, no.1, pp.39-48, 2016 (SCI-Expanded)
- XXV. **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., TOPÇU G.  
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.19, no.1, pp.124-138, 2016 (SCI-Expanded)
- XXVI. **Complexation ability of modified Na-Humate and its application in removal of toxic metals from water**  
Sabirjanovna T. A., Pasa S., Zhumasilovich D. U., Temel H., Oryntayevna N. G.  
DESALINATION AND WATER TREATMENT, vol.57, no.2, pp.776-790, 2016 (SCI-Expanded)
- XXVII. **Electrical and photoelectrical behaviour of heterojunctions based on novel oligomeric metal complexes**  
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APPLIED ORGANOMETALLIC CHEMISTRY, vol.29, no.12, pp.798-804, 2015 (SCI-Expanded)
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- XXXIX. **Antioxidant Activities of The Extracts from Different Parts of Endemic Salvia cerino-pruinosa var. cerinopruinosa And Salvia rosifolia**  
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- XL. **The Antimicrobial Activity of Allium Akaka and Allium Sabriscapum**  
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- XLI. **The antimicrobial activity of Allium akaka and Allium scabriscapum**  
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- XLII. **The determination of trace metal content of different parts of same Euphorbia**

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- XLIII. **The biological activities and chemical profile of ethanol extract of *Allium akaka***  
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- XLIV. **Phytochemical Analysis of Different Parts of *Salvia Pahystachys* by Using LC-MS/MS**  
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- XLV. **Essential oil composition of 5 *Achillea* species by GC FID-MS**  
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- XLVI. **FATTY ACID COMPOSITION OF SOME HYPERICUM SPECIES BY USING**  
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- XLVII. **The fatty acid analysis of some *Salvia* species by GC-MS and chemometric approach**  
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- XLVIII. **The Biological activities and phenolic profiles of *Salvia staminea* and *Salvia kronenburgii* from Anatolia**  
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- XLIX. **Transfer Hydrogenation Catalyzed by Homogeneous and Polymer Supported Ruthenium Complexes**  
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- L. **Chemical Profile by LC MS MS the Methanol Extract of *Euphorbia Denticulata***  
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- LI. **Phytochemical analysis of different parts of *Salvia cerino pruinosa* var *elazigensis* by using LC MS MS**  
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- LV. **Total phenolic flavonoid content and anticholinesterase activities of two endemic *Salvia* species from east Anatolia**  
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- LVI. **Chemical profile of *Salvia sclarea* by LC MS MS using the ethanol extract**

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- LVII. **Synthesis and Characterization of R 2 Benzyl 1S 1 naphthalen 1 YL Ethyl amino 1 Phenylethan 1 ol**  
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- LVIII. **Synthesis And Characterization of Novel Ionic Liquid Based Rh I Ir III Phosphinite Complexes**  
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- LXI. **Antioxidant activities of the extracts from the different parts of two Salvia species**  
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- LXIII. **Analysis of The Phenolic Content of Euphorbia macroclada by LC MS MS with Chemometric Approach**  
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- LXIV. **Trace Element Analysis in Some Euphorbia Species by ICP MS and Chemometric Approach**  
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- LXXXI. **Characterization and utilization of a new systematic collection of chickpea s crop wild relatives Cicer reticulatum and Cicer echinospermum**  
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- LXXXII. **Synthesis and identification of imine structured boronic compounds as prostate cancer therapeutic**  
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- LXXXV. **Synthesis of some esters and hydrazides of 3 2H Pyridazinone**  
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- XC. **An efficient LC MS MS method validation for determination of water soluble vitamin in Thymus**  
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- XCI. **Chemical profile of three edible plants by using LC MS MS and GC MS Scolymus hispanicus Cardaria draba subsp draba and Carduus pycnocephalus subsp abidus**  
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- XCII. **Phenolic profile fatty acid and essential oil composition and antioxidant antialzheimer activities of Gundelia tournefortii Kenger extracts**  
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- XCIV. **Beta trigyna bitkisinin kimyasal içeriklerinin UPLC MS MS GC MS ile araştırılması ve antioksidan aktivitesi**  
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- XC. **Onopordum polycephalum beyaz kangal ve Onopordum carduchorum kav dikenli bitkilerinin UV ve GC MS ile kimyasal ve biyolojik yönden incelenmesi**  
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- XCVII. **Farklı lokalitelerden toplanan Hypericum triquetrifolium bitkisinin kimyasal içeriğinin karşılaştırılması LC MS MS ve GC MS**  
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- XCVIII. **Van Gürpınar bölgesindeki Salvia kronenburgii ve Salvia xanthochelia bitki türlerindeki Arsenik Civa Kurşun Kadmiyum Selenyum miktarlarının ICP MS ile tayini**  
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- XCIX. **Quantative Determination of Polycyclic Aromatic Hydrocarbons in Drinking and Potable Water Resources of Diyarbakir Region**  
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- C. **Kiral Bor Bileşiklerinin Asimetrik Transfer Hidrojenasyon Etkinliklerinin İncelenmesi**  
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- CI. **N O Donör Atomlu Ligand Kullanılarak Boronik Türevleri ile Bor Kompleksleri Sentezi**  
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- CII. **Biyoçözünür İçin Alternatif Yeni Bileşiklerin Sentezi**  
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- CIII. **Kiral Temelli Ligand ile Bor Komplekslerinin Sentez ve Karakterizasyonu**  
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- CIV. **Bor Türevi Komplekslerin Transfer Hidrojenasyon Aktivitede Kullanılması**  
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- CV. **Adsorption Abitify of Na Humate and purification of Wastewater from Toxic Contaminants**  
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- CVI. **CATALITIC ACTIVITY OF IONIC LIQUID BASED PLATINUM II COMPLEXES IN KHARASCH ADDITION REACTION**  
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- CVIII. **New Homogeneous and Heterogeneous catalytic systems containing metal tagged ionic in the C C bond forming ractions**  
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- CIX. **Veronica thymoides P H Davis subsp pseudocinerea M A Fisch Türünün Fenolik Bileşikleri LC MS MS ve Biyolojik Aktiviteleri**  
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- CX. **Diyarbakır a Özgü Yerel Güllerin Tanımlanması Biyokimyasal Aktivitelerine Bakılması ve İlaç Hammaddesi Olarak Kullanabilirliğinin Araştırılması**

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BOĞA M., ERTAŞ A., YILMAZ M. A., DEMİRCİ S., YENER İ., TEMEL H., KOLAK U., TOPÇU G.  
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- CXIII. **Sedum sediforme JACQ PAU Türünün GC MS ve LC MS ile Yağ Asidi Uçucu Yağ ve Fenolik Bileşiminin Belirlenmesi**  
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The Journal of Transition Metal Complexes (JTMC), Scientific Committee Membership, 2019 - Continues

International Journal of Chemistry and Technology, Scientific Committee Membership, 2016 - Continues

Materials Science: Advanced Composite Materials , Editor, 2014 - Continues

Chemical Journal of Kazakhstan , Editor, 2014 - Continues

Journals - Whioce Publishing, Scientific Committee Membership, 2010 - Continues

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

Çevre bilincini geliştirme derneği, Chairman, 2010 - Continues, Turkey

## **Metrics**

Publication: 270

Citation (WoS): 2160

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