

## Lect. AYHAN İBRAHİM AYSAL



### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABI-6859-2020

ScopusID: 57211349812

Yoksis Researcher ID: 286033



### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Turkey 2020 - Continues

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya (YI) (Tezli), Turkey 1999 - 2002

Undergraduate, Middle East Technical University, Faculty Of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 1992 - 1999

### Foreign Languages

English, C1 Advanced

### Dissertations

Postgraduate, Provenance studies in obsidian samples from Çatalhöyük excavations, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Kimya (YI) (Tezli), 2002

### Research Areas

Analytical Chemistry, Pharmaceutical Chemistry, Chemistry

### Academic Titles / Tasks

Lecturer, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - Continues

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

- I. EXPOSURE AND RISK ASSESSMENT OF GLYPHOSATE-BASED HERBICIDE AMONG FARMERS IN NORTHERN CYPRUS: A PILOT STUDY

- Kocadal K., EFEOĞLU ÖZŞEKER P., Ceylanli D., Alkas F., AYSAL A. İ., Sayiner S., Battal D., Saygi S.  
Applied Ecology and Environmental Research, vol.21, no.4, pp.3675-3689, 2023 (SCI-Expanded)
- II. **Antibacterial activity of Hypericum perforatum L. (St. John's wort) extracts against Gram-positive bacteria and characterisation of its secondary metabolites**  
Kisa O., ÖKSÜZ L., Servi H., AYSAL A. İ.  
Natural Product Research, 2023 (SCI-Expanded)
- III. **Exploration of anti-tyrosinase effect of Geranium glaberrimum Boiss. & Heldr. with in silico approach and survey of 21 Geranium species**  
Celikler Ozer O., Erdoğan Orhan İ., Çalışkan B., Senol Deniz F. S., Gokbulut A., Gur Maz T., Aysal A. İ., Emerce E., Shekfeh S., Kahraman A., et al.  
JOURNAL OF HERBAL MEDICINE, vol.27, 2021 (SCI-Expanded)
- IV. **Erodium birandianum Ilarslan & Yurdak. shows anti-gout effect through xanthine oxidase inhibition: Combination of in vitro and in silico techniques and profiling of main components by LC-Q-ToF-MS**  
Baki Kekilli E., Erdoğan Orhan İ., Şenol Deniz F. S., Eren G., Emerce E., Kahraman A., Aysal I. A.  
Phytochemistry Letters, vol.43, pp.80-87, 2021 (SCI-Expanded)
- V. **Cyclic imines in shellfish and ascidians in the northern Adriatic Sea**  
Kvrgic K., Lesic T., AYSAL A. İ., Dzafic N., Pleadin J.  
FOOD ADDITIVES & CONTAMINANTS PART B-SURVEILLANCE, vol.14, no.1, pp.12-22, 2021 (SCI-Expanded)
- VI. **Neuroprotective Potential of the Tubers of Corydalis triternata Zucc. Growing in Turkey**  
Kilic M., Kaya E., AYSAL A. İ., Sener B.  
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.42, no.4, pp.515-524, 2020 (SCI-Expanded)
- VII. **Evaluation of some biological activities of the tubers of Corydalis solida (L.) Clairv. ssp. incisa Lieden growing in Turkey**  
Kilic K. M., Kaya E., Aysal A. İ., Sener B.  
SOUTH AFRICAN JOURNAL OF BOTANY, vol.127, pp.195-200, 2019 (SCI-Expanded)

### Articles Published in Other Journals

- I. **INVESTIGATION OF PHYTOCHEMICALS IN METHANOLIC HERBA EXTRACT OF SILENE RUSCIFOLIA BY LC-QTOF/MS AND GC/MS**  
Tok K. C., Hürkul M. M., Bozkurt N., Aysal A. İ., Yayla Ş.  
ANKARA UNIVERSITESI ECZACILIK FAKULTESI DERGISI, vol.46, no.3, pp.827-838, 2022 (Scopus)
- II. **Chemical profile by LC-Q-TOF-MS of Nigella sativa seed extracts and in vitro antimicrobial activity on bacteria which are determined resistance gene and isolated from nosocomial infection**  
SERVİ H., KISA Ö., AYSAL A. İ., ERKÖSE GENÇ G., ŞATANA D.  
JOURNAL OF RESEARCH IN PHARMACY, vol.26, no.2, pp.287-297, 2022 (ESCI)
- III. **Isolation of amygdalin epimer at high diastereomeric purity and its structural characterization by spectroscopic and Q-TOF LC-MS methods**  
Sabir P. R., ÇAPAN İ., AYSAL A. İ., Servi S.  
JOURNAL OF CHEMICAL METROLOGY, vol.15, no.2, pp.172-185, 2021 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Quantity Determination and Toxicological Evaluation of Pyrrolizidine Alkaloids in Supplementary Foods and Herbal Tea**  
DURMAZ E., GÜRBÜZ M. N. S., AYSAL A. İ.  
11. Uluslararası Türk Toksikoloji Derneği Kongresi, Turkey, 02 November 2022
- II. **Determination of Exposure to Organophosphate Flame Retardants in Preschool Children: A Human Biomonitoring Study in Three Turkish Provinces**

Attaran H., Çok İ., Aysal A. İ., Battal D., Şüküroğlu A. A., Göl E., Alpdemir M.

11th International Congress of the Turkish Society of Toxicology, Antalya, Turkey, 2 - 05 November 2022, pp.63

- III. **Tıbbi Bitkilerimizden Hareketle Anti-Akne Etkili Nanoemülsiyon Prototip Ürün Formülasyonu Geliştirilmesi**  
Şenol Deniz F. S., Oyardı Ö., Bozkurt Güzel Ç., Ülger N., Kan Y., Yalçın T. E., Aysal A. İ., Erdoğan Orhan İ.  
24. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT 2022), Ankara, Turkey, 23 - 26 June 2022, pp.150-151
- IV. **The Problem of Pyrrolizidine Alkaloid in Herbal Tea Used in Children's gas pain.**  
BULUT S., AYSAL A. İ., DELİORMAN ORHAN D.  
3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 08 September 2021
- V. **Evaluation of Resveratrol Content of Some Polygonum L. Species Growing in Turkey**  
DOĞRU T., AYSAL A. İ., ŞENOL DENİZ F. S., TUGAY O., ERDOĞAN ORHAN İ.  
3rd International Gazi Pharma Symposium Series (GPSS-2021), Turkey, 08 September 2021
- VI. **PİROLİZİDİN ALKALOİDLERİNİN BİTKİ ÇAYLARINDA LC-MS Q-TOF YÖNTEMİ İLE TESPİTİ**  
Gürbüz M. N. S., AYSAL A. İ., DURMAZ E.  
Gevher Nesibe 6. Uluslararası Sağlık Bilimleri Kongresi, Ankara, Turkey, 13 November 2020, pp.234-242
- VII. **Evaluation of Anticholinesterase Activity of the Tubers of Corydalis triternata Zucc. Growing in Turkey,**  
KILIÇ M., KAYA E., AYSAL A. İ., ŞENER B.  
2nd International Eurasian Conference on Biological and Chemical Sciences- (EurasianBioChem 2019), Ankara, Turkey, 28 - 29 June 2019
- VIII. **EVALUATION OF SOME BIOLOGICAL ACTIVITIES OF THE TUBERS OF Corydalis solida (L.) Clairv. ssp. incisa Liéden GROWING IN TURKEY**  
KILIÇ M., KAYA E., AYSAL A. İ., ŞENER B.  
The 5th International Mediterranean Symposium on Medicinal and Aromatic Plants, 24 - 26 April 2019

## Supported Projects

Çapan İ., Aysal A. İ., Ünsal S. M., TUBITAK Project, Bazı Patlayıcı Maddelerde Bulunan RDX, TNT ve PETN Bileşiklerinin İzolasyonu ve Karakterizasyonu, 2022 - 2024

KADIOĞLU E., EMERCE E., AYSAL A. İ., AKYÜZ G. Y., Project Supported by Higher Education Institutions, Antidiyabetik ilaç formülasyonunda safsızlıkların belirlenmesi ve in silico mutajenite analizi ile değerlendirilmesi, 2022 - 2024

DELİORMAN ORHAN D., AYSAL A. İ., TANRIÖVER G., Project Supported by Higher Education Institutions, Anne Sütünü Arttırıcı Bitkisel Çaylarda Piroлизidin Alkaloidlerinin Tayini, 2020 - 2022

Erdoğan Orhan İ., Eren G., Emence E., Şenol Deniz F. S., Aysal A. İ., Project Supported by Higher Education Institutions, Bitkisel Kaynaklı Bazı Fenolik Bileşiklerin Anti-Alzheimer, Anti-Melanojenik ve Cilt Yaşlanması Üzerine Etkilerinin In vitro, In vivo ve In Silico Yöntemlerle İncelenmesi, 2019 - 2022

Süntar İ., Erdoğan Orhan İ., Eren G., Şenol Deniz F. S., Emence E., Emecen G., Uçar Akyürek T., Karaküçük M., Aysal A. İ., Project Supported by Higher Education Institutions, Bitkisel Kaynaklı Bazı Fenolik Bileşiklerin Anti-Alzheimer, Anti-Melanojenik ve Cilt Yaşlanması Üzerine Etkilerinin In vitro, In vivo ve In Silico Yöntemlerle İncelenmesi, 2019 - 2022

Şenol Deniz F. S., Erdoğan Orhan İ., Tugay O., Aysal A. İ., Doğru T., Project Supported by Higher Education Institutions, Ülkemizde Yetişen Bazı Polygonum Türlerinin Resveratrol İçeriği ve Kozmetik İlişkili Enzim İnhibitör Etkileri Bakımından Değerlendirilmesi, 2020 - 2021

## Metrics

Publication: 19

Citation (WoS): 13

Citation (Scopus): 21

H-Index (WoS): 2

H-Index (Scopus): 3

## **Non Academic Experience**

SEM Laboratuvar Cih. Paz. San. Ve Tic. A.Ş.

MSM Gıda Analiz Laboratuvarı

Batı Akdeniz Tarımsal Araştırmalar Laboratuvarı

MİLLİ EĞİTİM BAKANLIĞI