

## Lect. PhD ADEM DEMİR

### Personal Information

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### International Researcher IDs

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ScopusID: 54681799600

Yoksis Researcher ID: 56289

### Education Information

Doctorate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Kimya, Turkey 2011 - 2019

Postgraduate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey 2008 - 2011

Undergraduate, Karadeniz Technical University, Fen Edebiyat Fakültesi, Kimya, Turkey 2004 - 2007

### Dissertations

Doctorate, Paeonia daurica Andrews subsp. Macrophylla bitki özütü fraksiyonlarının bakteriyel replikatif DNA polimeraz inhibitörlerinin ve antioksidan özelliklerinin araştırılması, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, 2019

Postgraduate, Siyah ve yeşil çay ile atıklarının antioksidan özelliklerinin karşılaştırılması, Recep Tayyip Erdogan University, 2011

### Research Areas

Chemistry, Analytical Chemistry, Fatty acids, Health Sciences, Fundamental Medical Sciences, Biochemistry, Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Lecturer, Recep Tayyip Erdogan University, Rektörlük, -, 2013 - Continues

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

- The effective polymeric macromolecule as peroxymonosulfate activator as an alternative to metal oxides in the treatment of organic dye pollutants**  
DEMİR A., AKÇAY H. T., ÖZÇİFÇİ Z., KELEŞ T.  
Materials Today Communications, vol.39, 2024 (SCI-Expanded)
- Treatment of wastewater containing organic pollutants in the presence of N-doped graphitic carbon and Co<sub>3</sub>O<sub>4</sub>/peroxymonosulfate**  
AKÇAY H. T., DEMİR A., ÖZÇİFÇİ Z., YUMAK T., KELEŞ T.  
CARBON LETTERS, vol.33, no.5, pp.1445-1460, 2023 (SCI-Expanded)

- III. **Synthesis and radical scavenging activity of new phenolic hydrazone/hydrazide derivatives: Experimental and theoretical studies**  
Boulebd H., Zine Y., Khodja I. A., Mermer A., DEMİR A., Debache A.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1249, 2022 (SCI-Expanded)
- IV. **M-MLV REVERSE TRANSCRIPTASE WAS STRONGLY INHIBITED BY ESSENTIAL OIL EXTRACTS of *Paeonia daurica* subsp. *macrophylla***  
Demir A., Turumtay H., Baykal H., Atamov V., Akyüz Turumtay E.  
Fresenius Environmental Bulletin, vol.30, no.6, pp.5616-5624, 2021 (SCI-Expanded)
- V. **Paeoniflorigenone purified from *Paeonia daurica* roots potently inhibits viral and bacterial DNA polymerases: investigation by experimental validation and docking simulation**  
DEMİR A., TURUMTAY H., Emirik M., SANDALII C., KANBOLAT Ş., ÖZGEN U., TURUMTAY E. A.  
MEDICINAL CHEMISTRY RESEARCH, vol.28, no.12, pp.2232-2245, 2019 (SCI-Expanded)
- VI. **The effect of acute organophosphate intoxication on female rat hippocampus cornu ammonis region pyramidal neuron numbers, biochemistry and morphology**  
BAŞ O., ÇANKAYA S., ENGİNYURT Ö., Aslan A., Uydu H. A., Odaci E., YILMAZ A., Demir A., Gul T.  
JOURNAL OF CHEMICAL NEUROANATOMY, vol.100, 2019 (SCI-Expanded)
- VII. **A Novel Highly Porous Cellulosic Aerogel Regenerated by Solvent Exchange Mechanism**  
KAYA M., DEMİR A., AKÇAY H. T.  
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.27, no.8, pp.1801-1806, 2019 (SCI-Expanded)
- VIII. **Comparison of phenolic profiles and antioxidant activity of three *Ornithogalum* L. species**  
RENDA G., ÖZEL A., Turumtay E., Barut B., KORKMAZ B., Ayvaz M. C., Demir A.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.44, no.3, pp.299-306, 2019 (SCI-Expanded)
- IX. **Phytochemical Profiling and Evaluation of the Hepatoprotective Effect of *Cuscuta Campestris* by High-Performance Liquid Chromatography with Diode Array Detection**  
Selvi E., TURUMTAY H., DEMİR A., TURUMTAY E.  
ANALYTICAL LETTERS, vol.51, no.10, pp.1464-1478, 2018 (SCI-Expanded)
- X. **Gram (-) microorganisms DNA polymerase inhibition, antibacterial and chemical properties of fruit and leaf extracts of *Sorbus acuparia* and *Sorbus caucasica* var. *yaltirikii***  
TURUMTAY H., MİDİLLİ A., TURUMTAY E. A., DEMİR A., SELVI E. K., BUDAK E. E., ER H., KOCAIMAMOĞLU F., BAYKAL H., BELDÜZ A. O., et al.  
BIOMEDICAL CHROMATOGRAPHY, vol.31, no.6, 2017 (SCI-Expanded)
- XI. **Anthocyanins profiling of *Thymus praecox* opiz subsp *caucasicus* var. *caucasicus***  
Turumtay E., TURUMTAY H., DEMİR A., Selvi E. K., Yazıcı E., Sandalli C., YAZICI Z. A.  
INDUSTRIAL CROPS AND PRODUCTS, vol.77, pp.748-753, 2015 (SCI-Expanded)
- XII. **THE RELATIONSHIPS OF ISOLATED CORONARY ARTERY ECTASIA WITH UROTENSIN 2 LEVELS, HYPERTENSION AND OTHER ATHEROSCLEROTIC RISK FACTORS**  
Satiroglu O., UYDU H. A., DURAKOĞLU M. E., DEMİR A., KARADAG Z., Bostan M.  
ACTA MEDICA MEDITERRANEA, vol.31, no.1, pp.149-153, 2015 (SCI-Expanded)
- XIII. **Cholesterol Forms and Traditional Lipid Profile for Projection of Atherogenic Dyslipidemia: Lipoprotein Subfractions and Erythrocyte Membrane Cholesterol**  
Uydu H. A., BOSTAN M., ATAK M., YILMAZ A., DEMİR A., Akcan B., SUMER F., BALTAŞ N., KARADAG Z., UGURLU Y., et al.  
JOURNAL OF MEMBRANE BIOLOGY, vol.247, no.2, pp.127-134, 2014 (SCI-Expanded)
- XIV. **Protective roles of Cimin grape tissues on oxidative stress markers in the cellular system model**  
Uydu H. A., Ekinçi A. P., Atak M., Demir A.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.44, no.1, pp.42-49, 2014 (SCI-Expanded)
- XV. **Comparision of inflammatory biomarkers for detection of coronary stenosis in patients with stable coronary artery disease.**  
UYDU H. A., BOSTAN M., YILMAZ A., DEMİR A., ATAK M., ŞATIROĞLU Ö., TEMİZ A., ÇİÇEK Y., ERDOĞAN T., ÇETİN M., et al.  
European review for medical and pharmacological sciences, vol.17, no.1, pp.112-8, 2013 (SCI-Expanded)

- XVI. **Association between Plasma Monocyte Chemoattractant Protein-1 Levels and the Extent of Atherosclerotic Peripheral Artery Disease**  
ŞATIROĞLU Ö., UYDU H. A., DEMİR A., BOSTAN M., ATAK M., BOZKURT E.  
TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE, vol.224, no.4, pp.301-306, 2011 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Stabil Koroner Arter Hastalığında Serum Monosit Kemoatraktan Protein 1 Seviyeleri**  
ŞATIROĞLU Ö., KOCAMAN S. A., KARADAĞ Z., UYDU H. A., DEMİR A., BOSTAN M., ATAK M., ŞAHİN İ., DOĞAN S., DURAKOĞLUGİL M. E., et al.  
Medical Network Dergisi, vol.20, no.3, pp.120-124, 2013 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **EVALUATION OF AGRICULTURAL WASTES: NUTRITIONAL POTENTIAL OF WALNUT SHELLS**  
Demir A.  
5. INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Batman, Turkey, 5 - 06 August 2023, pp.102-106
- II. **METABOLITE PROFILING OF WALNUT SHELL BY HPLC-DAD AND ITS ALPHA-GLUCOSIDASE INHIBITORY POTENTIAL**  
Demir A.  
5. International Antalya Scientific Research and Innovative Studies Congress, Antalya, Turkey, 26 - 28 July 2023, pp.104-110
- III. **PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY STUDIES ON THE UNDERGROUND PARTS OF TRACHYSTEMON ORIENTALIS**  
Koz A. N., Özgen U., Subaş T., Badem M., Kanbolat Ş., Demir A., Çalış İ.  
The 9th International Mediterranean Symposium on Medicinal and Aromatic Plants, Ankara, Turkey, 3 - 05 May 2023, pp.60
- IV. **Investigation of antioxidant capacity and antiüreeaz activity of valnut shell.**  
Demir A.  
5TH INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 23 - 25 November 2022, pp.1142-1143
- V. **DETERMINATION OF ESSENTIAL OIL COMPOSITION OF HYPERICUM PERFORATUM WITH SPME-GC-MS**  
Demir A.  
İstanbul International Modern Scientific Research Congress -2, İstanbul, Turkey, 23 - 25 December 2021, pp.479-480
- VI. **Green synthesis of silver nanoparticles using turmeric extracts and determination of their antioxidant activities**  
DEMİR A.  
4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Turkey, 24 November 2021
- VII. **Essential oils analysis of Paeonia daurica subsp. macrophylla by two different methods**  
DEMİR A., AKYÜZ TURUMTAY E., TURUMTAY H., SANDALLI C.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, 27 - 30 March 2019
- VIII. **Hepatoprotective extracts of Cuscuta campestris Y. and Their Best Known Anticancer Flavonols Isolated by Preparative HPLC**  
KILIÇKAYA SELVİ E., TURUMTAY H., DEMİR A., AKYÜZ TURUMTAY E.  
8th Black Sea Basin Conference on Analytical Chemistry, 9 - 11 May 2018
- IX. **The Essential Oils of Paeonia Daurica subsp. Macrophylla Have Potential of Therapeutic Candidate**

**for Inflammatory Disease**

DEMİR A., TURUMTAY H., AKYÜZ TURUMTAY E., BAYKAL H., SANDALLI C.

1st International Eurasian Conference on Biological and Chemical Sciences, 26 - 28 April 2018

- X. **Black Alder (*Alnus orientalis*) is a New Candidate for Being a Bioenergy Crop**  
TURUMTAY H., AKYÜZ TURUMTAY E., TURNA İ., DEMİR A., KILIÇKAYA SELVİ E.  
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 April 2018
- XI. **Atherogenic Indexes of Plasma in Clinical Presentation of Coronary Artery Disease and severity**  
ATAK M., UYDU H. A., PINARBAŞ E., SATIROĞLU Ö., MALKOÇ M., DEMİR A.  
Uluslararası Biyokimya Kongresi-2017, 19 - 23 September 2017
- XII. **CHROMATOGRAPHIC AND SPECTROSCOPIC DETERMINATION OF PHENOLIC ACID AND FLAVONOID CONTENTS WITH RADICAL SCAVENGING ACTIVITY OF CUSCUTA CAMPESTRIS**  
AKYÜZ TURUMTAY E., KILIÇKAYA SELVİ E., DEMİR A., Turumtay H.  
I. INTERNATIONAL CONGRESS on MEDICINAL and AROMATIC PLANTS, Konya, Turkey, 10 - 12 May 2017, pp.1182
- XIII. **CHROMATOGRAPHIC AND SPECTROSCOPIC DETERMINATION OF PHENOLIC ACID AND FLAVONOID CONTENTS WITH RADICAL SCAVENGING ACTIVITY OF CUSCUTA CAMPESTRIS**  
AKYÜZ TURUMTAY E., KILIÇKAYA SELVİ E., DEMİR A., Turumtay H.  
I. INTERNATIONAL CONGRESS on MEDICINAL and AROMATIC PLANTS, Konya, Turkey, 10 - 12 May 2017, pp.1182
- XIV. **CHARACTERIZATION OF PHENOLIC COMPOUNDS AND THEIR INHIBITORY EFFECT OF ROSA CANINA ON BACTERIAL DNA POLYMERASES**  
TURUMTAY H., AKYÜZ TURUMTAY E., DEMİR A., BUDAK E. E., SANDALLI C.  
I. INTERNATIONAL CONGRESS on MEDICINAL and AROMATIC PLANTS: "NATURAL and HEALTHY LIFE", Konya, Turkey, 9 - 12 May 2017
- XV. **Comparative investigation of protective effects of tea and tea related wastes on reducing potential of H<sub>2</sub>O<sub>2</sub> induced erythrocytes**  
UYDU H. A., DEMİR A., HÜNER M., ATAK M., PINARBAŞ E., AKYILDIZ K., KARAKAŞ S., EFE H., YILMAZ A.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, İzmir, Turkey, 3 - 08 September 2016, vol.283, pp.177-178
- XVI. **Rhododendron ponticum ve Luteum Bitkilerindeki Grayanotoksin III Seviyesinin LC MS MS ile Belirlenmesi**  
ŞAHİN H., AKYÜZ TURUMTAY E., DEMİR A., KOLAYLI S.  
16. Kromatografi Kongresi, Turkey, 31 August - 02 September 2016
- XVII. **Phenolic compounds of *Cinnamomum zeylanicum* and inhibition effect on the enzymes of bacterial replicative DNA polymerase**  
AKYÜZ TURUMTAY E., KILIÇKAYA SELVİ E., Er H., DEMİR A., Midilli A., Budak E. E., BAYKAL H., Beldüz A. O., SANDALLI C.  
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.155
- XVIII. **The Clinical Significance of Lipoprotein Subfractions And Erythrocyte Membrane Cholesterol in Projection of Severity of Coronary Artery Disease**  
UYDU H. A., BOSTAN M., YILDIRMIŞ S., DEMİR A., ATAK M., YILMAZ A., EFE H., AKYILDIZ K.  
The 2. World Congress of Clinical Lipidology, 5 - 07 December 2014
- XIX. **The Clinical Significance of Lipoprotein Subfractions and Erythrocyte Membrane Cholesterol in Projection of the Severity of Coronary Artery Disease**  
UYDU H. A., BOSTAN M., YILDIRMIŞ S., DEMİR A., ATAK M., YILMAZ A., KARADAĞ Z., GENGÖRÜ R., EFE H., AKYILDIZ K.  
The 2nd World Congress of Clinical Lipidology, Viyana, Austria, 5 - 07 December 2014, pp.37
- XX. **The Clinical Significance of Lipoprotein Subfractions and Erythrocyte Membrane Cholesterol in Projection of the Severity of Coronary Artery Disease**  
UYDU H. A., BOSTAN M., YILDIRMIŞ S., DEMİR A., ATAK M., YILMAZ A., KARADAĞ Z., EFE H., AKYILDIZ K.  
The 2nd World Congress of Clinical Lipidology, Viyana, Austria, 05 December 2014 - 07 December 2015, pp.37
- XXI. **Erythrocyte Membrane Cholesterol in Projection of the Severity of Coronary Artery Disease**  
UYDU H. A., BOSTAN M., YILDIRMIŞ S., DEMİR A., ATAK M., YILMAZ A., EFE H., AKYILDIZ K.

The 2nd World Congress of Clinical Lipidology, 5 - 07 December 2014

- XXII. **Variation of Polyphenol Profiles of Vaccinium corymbosum L by Different Solvent Extraction**  
ŞAVŞATLI Y., DEMİR A., AKBULUT M., BAYKAL H., AKYÜZ TURUMTAY E., AY S.  
25 th International Scientific-Experts Congress on Agriculture and Food Industry, İzmir, Turkey, 25 - 27 September 2014
- XXIII. **Total Cholesterol of Erythrocyte Membrane in Presentation of Coronary Artery Disease**  
UYDU H. A., BOSTAN M., YILDIRMIŞ S., DEMİR A., ATAK M., YILMAZ A., karadağ z., gendöre r., EFE H., PINARBAŞ E.  
Klinik Biyokimya Uzmanları Derneği Uluslar Arası Katılımlı Kongre Lab Expo, 16 - 20 September 2014
- XXIV. **Distruption of Lipoprotein Subfractions in projection of Coronary Artery Disease Severity**  
UYDU H. A., BOSTAN M., YILDIRMIŞ S., DEMİR A., ATAK M., YILMAZ A., karadağ z., gendöre r., EFE H., HÜNER M.  
Klinik Biyokimya Uzmanları Derneği Uluslar Arası Katılımlı Kongre Lab Expo, 16 - 20 September 2014
- XXV. **Cephalaria gigantea Ledeb Bobrov bitkisinin Fenolik Bileşenlerinin HPLC UV ile Aydınlatılması**  
DEMİR A., KILIÇKAYA SELVİ E., BAYKAL H., AKYÜZ TURUMTAY E.  
7. Ulusal Analitik Kimya Kongresi, Turkey, 1 - 05 September 2014
- XXVI. **Sorbus caucasica var yaltrikii Meyvesinin Fenolik Bileşenlerinin HPLC UV ile Aydınlatılması**  
KILIÇKAYA SELVİ E., DEMİR A., AKYÜZ TURUMTAY E.  
7. Ulusal Analitik Kimya Kongresi, Turkey, 1 - 05 September 2014
- XXVII. **Cephalaria gigantea Ledeb Bobrov Bitkisinin Fenolik Bileşiklerinin HPLC UV ile Aydınlatılması**  
DEMİR A., DAĞ a., KILIÇKAYA SELVİ E., BAYKAL H., AKYÜZ TURUMTAY E.  
7. Ulusal Analitik Kimya kongresi, Turkey, 1 - 05 September 2014
- XXVIII. **Doğal Siyanidin kaynağı Thymus praecox Opiz subsp caucasicus var caucasicus**  
KILIÇKAYA SELVİ E., YAZICI e., DEMİR A., AKYÜZ TURUMTAY E.  
7. Ulusal Analitik Kimya kongresi, Turkey, 01 September 2014 - 04 December 2015
- XXIX. **Sorbus caucasica var yaltirikii Meyvesinin Fenolik Bileşiklerinin HPLC UV ile Aydınlatılması**  
KILIÇKAYA SELVİ E., KOCAIMAMOĞLU f., DEMİR A., AKYÜZ TURUMTAY E.  
7. Ulusal Analitik Kimya kongresi, Turkey, 1 - 05 September 2014
- XXX. **Cholesterol forms and traditional lipid profile for projection of atherogenic dyslipidemia: Lipoprotein subfractions and erythrocyte membrane cholesterol**  
BOSTAN M., UYDU H. A., YILMAZ A., uğurlu y., karadağ z., BALTAŞ N., SÜMER F., DEMİR A., ATAK M.  
29. ULUSLAR ARASI KATILIMLI TÜRK KARDİYOLOJİ KONGRESİ, Antalya, Turkey, 26 - 29 October 2013
- XXXI. **Siyah ve Yeşil Çay ile Atıklarının Oksidatif DNA Hasarı Üzerine Etkilerin İncelenmesi**  
UYDU H. A., keleşoğlu b., DEMİR A., FAİZ Ö., sağlam n., ATAK M., EFE H., YILMAZ A.  
25. Ulusal Biyokimya Kongresi, İzmir, Turkey, 3 - 06 September 2013
- XXXII. **Siyah Ve Yeşil Çay İle Atıklarının Antioksidan Özelliklerinin Karşılaştırılması.**  
ATAK M., DEMİR A., EKİNCİ A. P., UYDU H. A.  
23. Ulusal Biyokimya Kongresi, Adana, Turkey, 29 November - 02 December 2011, pp.153
- XXXIII. **Mango (Mangifera Indica) ve Avokado (Persea Americana) Meyvelerinin Antioksidan Özelliklerinin Karşılaştırılması**  
ATAK M., DEMİR A., UYDU H. A., YILDIRMIŞ S., EFE H., Keleşoğlu B.  
23. Ulusal Biyokimya Kongresi, Adana, Turkey, 29 November - 02 December 2011, pp.152
- XXXIV. **Investigation of Variability of Essential Oil, Polyphenol Content and Antioxidant Activity of Satureja hortensis L. During Flowering Period in Rize Condition**  
YALDIZ G., UYDU H. A., KELEŞOĞLU B., DEMİR A.  
42nd International Symposium on Essential Oils, Antalya, Turkey, 11 - 14 September 2011, pp.125
- XXXV. **A Study on Antioxidant Activity, Essential Oil and Polyphenol Contents of Hypericum perforatum L. Growing Wild From Different Altitudes of Ayder Plateau in Rize**  
UYDU H. A., DEMİR A., KELEŞOĞLU B., YALDIZ G., EFE H.  
42nd International Symposium on Essential Oils, Antalya, Turkey, 11 - 14 September 2011, pp.201
- XXXVI. **Rize Yöresindeki Koroner Arter Hastalarına Ait Serum Lipit Profillerinin Değerlendirilmesi**  
UYDU H. A., BOSTAN M., YILMAZ A., ATAK M., DEMİR A., EFE H.  
XXII. Ulusal Biyokimya Kongresi, Eskişehir, Turkey, 27 - 30 October 2010

- XXXVII. **Apo E Gen Polimorfizminin Koroner Arter Hastalık Düzeyi Üzerine Etkisinin Araştırılması**  
ATAK M., DEMİR A., YILMAZ A., UYDU H. A., BOSTAN M.  
XXII. Ulusal Biyokimya Kongresi, Eskişehir, Turkey, 27 - 30 October 2010, pp.1
- XXXVIII. **Koroner Arter Hastalık Düzeyinin Gösteriminde Enflamasyon Markörlerinin Karşılaştırılması**  
BOSTAN M., UYDU H. A., YILMAZ A., DEMİR A., ATAK M.  
XXII. Ulusal Biyokimya Kongresi, Eskişehir, Turkey, 27 - 30 October 2010
- XXXIX. **Pepino Meyvesine (Solanum muricatum) Ait Antioksidan Etkinin H<sub>2</sub>O<sub>2</sub> Aracılı Eritrosit Lipid Peroksidasyonunun ve DPPH(2,2-difenil-1-pikrilhidrazil) Radikal Temizleme Aktivitesinin İncelenmesi**  
DEMİR A., UYDU H. A., ATAK M., YILDIRMIŞ S.  
XXII. Ulusal Biyokimya Kongresi, Eskişehir, Turkey, 27 - 30 October 2010
- XL. **Lipoprotein Altsınıf Düzeylerinin Koroner Kalp Hastalarında Ve Sağlıklı Kişilerde İncelenmesi**  
ATAK M., UYDU H. A., BOSTAN M., DEMİR A., AKÇAY GÜVEN B., YILMAZ A., temiz a., ÖREM A.  
22. ULUSAL BİYOKİMYA KONGRESİ, Eskişehir, Turkey, 27 - 30 October 2010
- XLI. **Monosit Kemoatraktan Protein I (MCP-I) Seviyesiyle Aterosklerotik Periferik Arter Hastalığının Yaygınlığıyla İlişkisi**  
ŞATIROĞLU Ö., UYDU H. A., DEMİR A., BOSTAN M., ATAK M., BOZKURT E.  
26. Ulusal Kardiyoloji Kongresi, Turkey, 21 - 24 October 2010
- XLII. **Çay ve Atıklarına Ait Antioksidan Etkilerinin H<sub>2</sub>O<sub>2</sub> Aracılı Eritrosit Lipit Peroksidasyonunun İncelenmesi**  
UYDU H. A., DEMİR A., ATAK M., tekiner n.  
XXI. Ulusal Biyokimya Kongresi, Turkey, 28 - 31 October 2009

## Supported Projects

- FAİZ Ö., SEKBAN R., KELEŞ T., MÜEZZİNOĞLU N., BAŞARAN B., DEMİR A., AKÇAY H. T., KAYA M., KALCIOĞLU Z., Project Supported by Higher Education Institutions, Çay Çiçeğinin Kimyasal Özellikleri, Sağlık ve Ekonomik Açıdan Potansiyelinin Değerlendirilmesi, 2021 - Continues
- Akyüz Turumtay E., Özgen U., Çopur Çiçek A., Turumtay H., Demir A., TÜBİTAK Project, Türkiye Şakayıklarından Monoterpen Bileşiklerin Saflaştırılması (7 Bileşik), SARS-Cov-2 Spike-1 Rbd Ve Ace-2 İnteraksiyonuna ve β-Laktam Dirençli Bakterilere İnhibisyon Etkilerinin Araştırılması, 2023 - 2026
- Başaran B., Kaban G., Demir A., Yavuz Abanoz Y., Project Supported by Higher Education Institutions, Tüketici Beğenisi ve Sağlığı İçin İdeal Çay Demleme Yönteminin Belirlenmesi, 2020 - 2023
- ATAK M., UYDU H. A., EKŞİ S., EJDER N., ESMER E., DEMİR A., YILMAZ E., Project Supported by Higher Education Institutions, Ornithogalum umbellatum (Sakarca) Bitkisinin Fenolik Bileşenlerinin Analizi ve Hücresel Ortamda Biyoetkisinin İncelenmesi, 2018 - 2020
- AKÇAY H. T., ŞİRİN M., TOKÇALAR S., DEMİR A., BAYAZIT T., Project Supported by Higher Education Institutions, Çeşitli Organik ve İnorganik Bileşiklerin, Doğal Ürünlerin Spektroskopik İncelenmesi, 2014 - 2017

## Metrics

- Publication: 59  
Citation (WoS): 76  
Citation (Scopus): 118  
H-Index (WoS): 6  
H-Index (Scopus): 7

## Awards

Demir A., Kimya Lisans Dönem Birinciliği, Karadeniz Teknik Üniversitesi, August 2007