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International Researcher IDs

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ScopusID: 23972789200

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Education Information

2012 - 2013	Post Doctorate, Texas Tech University, Collage of Science&Art, Chemistry&Biochemistry, United States Of America
2003 - 2007	Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya, Turkey
1999 - 2002	Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Kimya, Turkey
1993 - 1998	Undergraduate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Kimya Öğretmenliği, Turkey

Foreign Languages

English, C1 Advanced

Dissertations

2007	Karnabakar peroksidaz enziminin saflaştırılması ve karakterizasyonu, antioksidan ve antiradikal aktivitesinin belirlenmesi, Erzincan Üniversitesi, Kimya, Biyokimya, Doctorate
2002	Katalaz enziminin karalahana bitkisinden saflaştırılması, karakterizasyonu ve bazı pestisitler ile antibiyotiklerin enzim üzerindeki etkilerinin incelenmesi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, Postgraduate

Research Areas

Chemistry, Biochemistry, Bioorganic Chemistry, Enzyme Kinetics, Protein Chemistry, Organic Chemistry, Plant Chemistry, Chemistry of Natural Products, Natural Sciences

Academic Titles / Tasks

2017 - Continues	Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Kimya Bölümü
2012 - 2017	Associate Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Kimya Bölümü
2009 - 2012	Assistant Professor, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Kimya Bölümü

Academic and Administrative Experience

2019 - 2022	Dean, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi
2017 - 2022	Erasmus Program Institutional Coordinator, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Kimya Bölümü
2009 - 2022	Head of Department, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Kimya Bölümü
2013 - 2019	Head of Department, Erzincan Binali Yıldırım University, Fen-Edebiyat Fakültesi, Kimya Bölümü
2015 - 2018	Manager of Research and Application Center, Erzincan Binali Yıldırım University
2014 - 2017	Ethics Committee Member, Erzincan Binali Yıldırım University

Courses

2022 - 2023	Biochemistry II, Undergraduate
2021 - 2022	Oksidatif Stres ve Antioksidan Sistemler, Postgraduate
2021 - 2022	İnsani Değerler ve Bilimsel Bakış, Undergraduate
2021 - 2022	Biochemistry I, Undergraduate
2015 - 2016	Biyokimya Laboratuvarı 2, Undergraduate
2015 - 2016	Biyokimya II, Undergraduate
2015 - 2016	Biyokimya Laboratuvarı 1, Undergraduate
2015 - 2016	Biyokimya I, Undergraduate

Advising Theses

Continues	Köksal E., Doctorate, S.AL TIN(Student), Endemik Glaucium cappadocicum bitkisinin aktif bileşiklerinin izolasyonu, karakterizasyonu ve bazı biyolojik aktivitelerinin incelenmesi
2022	Köksal E., Akşit H., Doctorate, S.ŞİMŞEK(Student), Erzincan'a endemik Verbascum türlerindeki aktif bileşiklerin izolasyonu, karakterizasyonu ve bazı biyolojik aktivitelerinin incelenmesi
2022	Köksal E., Akşit H., Doctorate, Y.ULUTAŞ(Student), Bazı Scrophulariaceae bitkilerindeki sekonder metabolitlerin aktivite kontrollü izolasyonu, yapılarının aydınlatılması ve biyolojikaktivitelerin incelenmesi
2019	Köksal E., Postgraduate, T.BAYRAKTAR(Student), Tanacetum alyssifolium bitkisinin su ekstrelerinden aktif bileşiklerin izolasyonu ve biyolojik aktivitelerinin incelenmesi
2019	Köksal E., Postgraduate, M.ALM(Student), Mougeotia scalaris hassaldan elde edilen ekstrelerin bazı biyolojik aktivitelerinin incelenmesi
2018	Köksal E., Postgraduate, İ.YAPICI(Student), Tanacetum erzincanense endemik bitkisinin farklı ekstraktlarının in vitro antioksidan ve sitotoksik özelliklerinin araştırılması
2017	Köksal E., Postgraduate, E.CEYRAN(Student), Investigation of phenolic content, essential oil components and antioxidant activity of different extracts of Ziziphora Clinopodioides Lam.
2017	Köksal E., Postgraduate, S.AL TIN(Student), Ekmeklik buğday (Triticum aestivum SSP. Vulgare) bitkisinden peroksidad enziminin saflaştırılması ve karakterizasyonu
2017	Köksal E., Postgraduate, Y.ULUTAŞ(Student), İliç papatyası (Tanacetum Alyssifolium) bitkisinden izole edilen sekonder metabolitlerin antioksidan ve antikanser aktivitelerinin incelenmesi

2016	Köksal E., Postgraduate, S.ŞİMŞEK(Student), <i>Tanacetum alyssifolium</i> bitkisinden axillarin bileşiminin izolasyonu, antioksanerojen ve antioksidan aktiviterinin belirlenmesi
2012	Köksal E., Postgraduate, E.DİKİCİ(Student), Alıç (<i>Crataegus monogyna</i>) bitkisinin yapraklarının antioksidan aktivitesinin belirlenmesi
2012	Köksal E., Postgraduate, M.ANDİÇ(Student), <i>Centaurea triumfetti</i> bitkisinin antioksidan aktivitesinin belirlenmesi
2012	Köksal E., Postgraduate, M.İŞİK(Student), <i>Helichrysum plicatum</i> DC. ve <i>Phlomis pungens</i> L. bitkilerinin antioksidan aktiviterinin mukayesesi
2012	Köksal E., Postgraduate, H.KANBUR(Student), <i>Teucrium chamaedrys</i> L. ve <i>Achillea biebersteinii</i> Afan. bitkilerinin antioksidan aktiviterinin mukayesesi
2011	Köksal E., Postgraduate, F.TOZOĞLU(Student), Erzincan kirazı (<i>Cerasus erzincanica</i> ; Ş. Yıldırım) sap ve tohum kısımlarının antioksidan aktiviterinin belirlenmesi

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Phytochemical profile by LC-MS/MS analysis and evaluation of antioxidant, antidiabetic, anti-Alzheimer, and anticancer activity of *Onobrychis argyrea* leaf extracts**
Yeniçeri E., ALTAY A., KÖKSAL E., Altın S., Taslimi P., Yılmaz M. A., Cakir O., Tarhan A., KANDEMİR A.
European Journal of Integrative Medicine, vol.66, 2024 (SCI-Expanded)
- II. **Two new compounds from endemic *Centaurea paphlagonica* (Bornm.) Wagenitz and their cytotoxic activities**
Tüfekçi A. R., Demirtaş İ., AKŞİT H., Arslan Ş., Kocabıyık K., Zeybek S., Özen T., KÖKSAL E.
Chemical Biology and Drug Design, vol.103, no.1, 2024 (SCI-Expanded)
- III. **Isolation, characterization and antiproliferative activity of secondary metabolites from *tanacetum alyssifolium* (Bornm.) grierson**
Köksal E., Ulutaş Y., Şimşek S., Bayraktar T., Altay A., Çatır M., Demirtaş İ., Tüfekçi A. R., Kandemir A., Alp C., et al.
Records of Natural Products, vol.15, no.2, pp.122-129, 2021 (SCI-Expanded)
- IV. **Anti-Alzheimer, antidiabetic and antioxidant potential of *Satureja cuneifolia* and analysis of its phenolic contents by LC-MS/MS**
Taslimi P., KÖKSAL E., GÖREN A. C., Bursal E., Aras A., Kilic O., Alwasel S., GÜLÇİN İ.
ARABIAN JOURNAL OF CHEMISTRY, vol.13, no.3, pp.4528-4537, 2020 (SCI-Expanded)
- V. **Anticholinergic and antioxidant activities of avocado (*Folium perseae*) leaves–phytochemical content by LC-MS/MS analysis**
Kose L. P., Bingol Z., Kaya R., Gören A. C., Akincioglu H., Durmaz L., Köksal E., Alwasel S. H., Gülçin İ.
International Journal of Food Properties, vol.23, no.1, pp.878-893, 2020 (SCI-Expanded)
- VI. **Preliminary phytochemical analysis and evaluation of in vitro antioxidant, antiproliferative, antidiabetic, and anticholinergics effects of endemic *Gypsophila taxa* from Turkey**
Altay A., Tohma H., Durmaz L., Taslimi P., Korkmaz M., Gülçin İ., Köksal E.
Journal of Food Biochemistry, vol.43, no.7, 2019 (SCI-Expanded)
- VII. **Measurement of anticancer, antidiabetic and anticholinergic properties of sumac (*Rhus coriaria*): analysis of its phenolic compounds by LC-MS/MS**
TOHMA H., ALTAY A., KÖKSAL E., GÖREN A. C., GÜLÇİN İ.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.13, no.2, pp.1607-1619, 2019 (SCI-Expanded)
- VIII. **In vitro evaluation of antioxidant and anti-proliferative activities of *Gypsophila sphaerocephala* (Caryophyllaceae) extracts together with their phenolic profiles**
Altay A., Degirmenci S., Korkmaz M., Çankaya M., Köksal E.
Journal of Food Measurement and Characterization, vol.12, pp.2936-2945, 2018 (SCI-Expanded)
- IX. **Purification and selected biochemical properties of peroxidase from cress (*Lepidium sativum* sub sp. *sativum*)**
Altay A., Koktepe T., Durmaz L., Topal F., Gülçin İ., Köksal E.
International Journal of Food Properties, vol.21, no.1, pp.2610-2621, 2018 (SCI-Expanded)

- X. **Antioxidant activity and phenolic compounds of ginger (*Zingiber officinale* Rosc.) determined by HPLC-MS/MS**
Tohma H., GÜLÇİN İ., Bursal E., GOREN A. C., ALWASEL S. H., KÖKSAL E.
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.11, no.2, pp.556-566, 2017 (SCI-Expanded)
- XI. **Antioxidant activity and polyphenol content of Turkish thyme (*Thymus vulgaris*) monitored by liquid chromatography and tandem mass spectrometry**
Köksal E., Bursal E., Gülçin İ., Korkmaz M., Caglayan C., Goren A. C., Alwaseel S. H.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, pp.514-525, 2017 (SCI-Expanded)
- XII. **Purification, characterization and selected inhibition properties of peroxidase from haricot bean (*Phaseolus vulgaris* L.)**
KÖKTEPE T., ALTIN S., Tohma H., GÜLÇİN İ., KÖKSAL E.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, pp.1944-1953, 2017 (SCI-Expanded)
- XIII. **Purification, characterization, and inhibition sensitivity of peroxidase from wheat (*Triticum aestivum* ssp *vulgare*)**
ALTIN S., Tohma H., GÜLÇİN İ., KÖKSAL E.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, no.9, pp.1949-1959, 2017 (SCI-Expanded)
- XIV. **RP-HPLC/MS/MS Analysis of the Phenolic Compounds, Antioxidant and Antimicrobial Activities of *Salvia* L. Species**
Tohma H., KÖKSAL E., Kilic O., Alan Y., Yilmaz M. A., GÜLÇİN İ., Bursal E., ALWASEL S. H.
ANTIOXIDANTS, vol.5, no.4, 2016 (SCI-Expanded)
- XV. **The Effectiveness of *Crataegus orientalis* M Bieber. (Hawthorn) Extract Administration in Preventing Alveolar Bone Loss in Rats with Experimental Periodontitis**
HATİPOĞLU M., Sağlam M., Koseoglu S., Koksall E., Keles A., Esen H. H.
PLOS ONE, vol.10, no.6, 2015 (SCI-Expanded)
- XVI. **Determination of Antioxidant Properties of *Gypsophila bitlisensis* Bark**
Işık M., KORKMAZ M., Bursal E., GÜLÇİN İ., KÖKSAL E., Tohma H.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.11, no.4, pp.366-371, 2015 (SCI-Expanded)
- XVII. **Effect of sumac extract on serum oxidative status, RANKL/OPG system and alveolar bone loss in experimental periodontitis in rats**
Sağlam M., Koseoglu S., HATİPOĞLU M., Esen H. H., KÖKSAL E.
JOURNAL OF APPLIED ORAL SCIENCE, vol.23, no.1, pp.33-41, 2015 (SCI-Expanded)
- XVIII. **Biofilm blocking sesquiterpenes from *Teucrium polium***
ELMASRI W. A., HEGAZY M. F., AZIZ M., Koksall E., AMOR W., MECHREF Y., HAMOOD A. N., CORDES D. B., PARE P. W.
PHYTOCHEMISTRY, vol.103, pp.107-113, 2014 (SCI-Expanded)
- XIX. **Antioxidant activity and polyphenol content of cherry stem (*Cerasus avium* L.) determined by LC-MS/MS**
Bursal E., KÖKSAL E., GÜLÇİN İ., BILSEL G., GOREN A. C.
FOOD RESEARCH INTERNATIONAL, vol.51, no.1, pp.66-74, 2013 (SCI-Expanded)
- XX. **PURIFICATION AND CHARACTERIZATION OF PEROXIDASE FROM SWEET GOURD (*CUCURBITA MOSCHATA* LAM. POIRET)**
KÖKSAL E., Bursal E., Aggul A. G., GÜLÇİN İ.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.15, no.5, pp.1110-1119, 2012 (SCI-Expanded)
- XXI. **Evaluation of reducing power and radical scavenging activities of water and ethanol extracts from sumac (*Rhus coriaria* L.)**
Bursal E., KÖKSAL E.
FOOD RESEARCH INTERNATIONAL, vol.44, no.7, pp.2217-2221, 2011 (SCI-Expanded)
- XXII. **Antioxidant activity of *Melissa officinalis* leaves**
KÖKSAL E., BURSAL E., DIKICI E., TOZOGLU F., GÜLÇİN İ.
JOURNAL OF MEDICINAL PLANTS RESEARCH, vol.5, no.2, pp.217-222, 2011 (SCI-Expanded)
- XXIII. **Peroxidase from Leaves of Spinach (*Spinacia oleracea*): Partial Purification and Some Biochemical Properties**

- Köksal E.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.7, no.1, pp.135-139, 2011 (SCI-Expanded)
- XXIV. **Antioxidant secoiridoids from fringe tree (*Chionanthus virginicus* L.)**
Guelcin I., ELIAS R., Gepdiremen A., TAOUBI K., Koeksal E.
WOOD SCIENCE AND TECHNOLOGY, vol.43, pp.195-212, 2009 (SCI-Expanded)
- XXV. **Melatonin administration increases antioxidant enzymes activities and reduces lipid peroxidation in the rainbow trout (*Oncorhynchus mykiss*, Walbaum) erythrocytes**
GÜLÇİN İ., Beydemir S., Hisar O., Köksal E., REITER R. J.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.33, no.3, pp.241-245, 2009 (SCI-Expanded)
- XXVI. **In vitro antioxidant activity of silymarin**
Köksal E., GÜLÇİN İ., Beyza S., Sarıkaya O., Bursal E.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.24, no.2, pp.395-405, 2009 (SCI-Expanded)
- XXVII. **Purification and characterization of peroxidase from cauliflower (*Brassica oleracea* L. var. botrytis) buds**
Köksal E., GÜLÇİN İ.
PROTEIN AND PEPTIDE LETTERS, vol.15, no.4, pp.320-326, 2008 (SCI-Expanded)
- XXVIII. **Antioxidant and radical scavenging activities of uric acid**
Guelcin I., Oktay M., Koeksal E., Serbetci H., Beydemir S., Kuefrevioglu O. I.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.3, pp.2079-2090, 2008 (SCI-Expanded)
- XXIX. **Antioxidant activity of cauliflower (*Brassica oleracea* L.)**
Köksal E., GÜLÇİN İ.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.32, no.1, pp.65-78, 2008 (SCI-Expanded)
- XXX. **A comparative study on the antioxidant activity of fringe tree (*Chionanthus virginicus* L.) extracts**
GULCIN I., ELIAS R., GEPDIREMEN A., BOYER L., Köksal E.
AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.6, no.4, pp.410-418, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Inhibitory Effects of Bendamustine on Human Serum Paraoxonase-1 (hPON1)**
Ulutaş Y., Köksal E., Söyüt H.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.10, no.3, pp.1833-1838, 2020 (ESCI)
- II. **New sources of arbutin: *Onobrychis nitida* and *Onobrychis galegifolia***
AKŞİT H., ŞİMŞEK S., ÖZDOKUR K. V., KÖKSAL E.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.3, pp.1733-1737, 2019 (Peer-Reviewed Journal)
- III. **Assessment of Antimicrobial and Antioxidant Activities of *Nepeta trachonitica*: Analysis of Its Phenolic Compounds Using HPLC-MS/MS**
KÖKSAL E., Tohma H., Kilic O., Alan Y., Aras A., GÜLÇİN İ., Bursal E.
SCIENTIA PHARMACEUTICA, vol.85, no.2, 2017 (ESCI)

Books & Book Chapters

- I. **Moleküler bir yaklaşımla Kimyanın İlkeleri 1. cilt**
Köksal E. (Member Of Editors Board), Mavi A. (Member Of Editors Board), Denizli A. (Member Of Editors Board)
Nobel Yayın Dağıtım, Ankara, 2021
- II. **Genel Kimya-Moleküler Bir Yaklaşımla Kimyanın İlkeleri**
KÖKSAL E.
Nobel Akademik Yayıncılık, Ankara, 2016
- III. **Moleküler Bri Yaklaşımla Kimyanın İlkeleri Genel Kimya**

KÖKSAL E., DENİZLİ A., OKTAY M., TOHMA H., GÜLÇİN İ., KADIOĞLU Y., YILMAZ F., BERELİ N., TÜRKMEN D., BEKTAŞ F. S., et al.

Nobel Yayınevi, Ankara, 2016

IV. Radyoaktivite ve Çekirdek Kimyası

KÖKSAL E.

in: Genel Kimya-Moleküler Bir Yaklaşımla Kimyanın İlkeleri, Köksal E., Denizli A., Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık, Ankara, pp.776-807, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of phenolic composition, antioxidant activity and cytotoxicity effects of various extracts of *Achillea sintenisii***
Köksal E., Altay A., Alp C., Altın S.
4th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 24 - 26 November 2021, pp.785-789
- II. **Investigation of the Cytotoxic Effect of Different Extracts of *Lallemantia Canescens* (L) Fisch & Fruit Plant on Cancer Cell Lines**
Alp C., Altın S., Köksal E., Altay A.
3rd Eurasia Biochemical Approaches & Technologies (EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.112
- III. **Investigation of In Vitro Cytotoxic Effects of Different Extracts of Endemic *Achillea sintenisii* Against MCF-7, MDA-MB-453 and HT-29 Human Cancer Cell Lines**
Altın S., Köksal E., Alp C., Altay A., Akşit H., Ulutaş Y.
3rd Eurasia Biochemical Approaches & Technologies Congress (EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.107
- IV. **Isolation and Characterization of Chlorogenic Acid from *Inula Heterolepis* and Quantification in Some Plants Growing in Erzincan, Turkey**
Akşit H., Şimşek S., Akşit Z., Köksal E.
International Eurasian Conference on BioTechnology and BioChemistry (BioTechBioChem 2020), Ankara, Turkey, 16 - 18 December 2020, pp.791-795
- V. **Antioxidant capacity of various extracts of *Scorzenera aucheriana* collected from Erzincan**
Şimşek S., Akşit H., Köksal E., Kandemir A.
International Eurasian Conference on BioTechnology and BioChemistry (BioTechBioChem 2020), Ankara, Turkey, 16 - 18 December 2020
- VI. **Recycling Preparative HPLC Applications in Purification Of Iridoid Glycosides From *Plantago Euphratica***
AKŞİT H., ALP C., ŞİMŞEK S., ULUTAŞ Y., KÖKSAL E.
8th. International Conference on Mathematics, Engineering, Natural and Medical Sciences, Erzurum, Turkey, 5 - 08 September 2019
- VII. **TANACETUM ALYSSİFOLİUM BİTKİSİNDEN İZOLE EDİLEN RUTİN ve İZOFRAKSETİN BİLEŞİKLERİNİN RADİKAL GİDERME AKTİVİTELERİ**
Şimşek S., Akşit H., Köksal E.
2. ULUSLARARASI MARDİN ARTUKLU BİLİMSEL ARAŞTIRMALAR KONGRESİ, Mardin, Turkey, 23 - 25 August 2019, pp.213
- VIII. **İmproving a Rapid İsolation Process For Axillarin**
Şimşek S., Akşit H., Köksal E.
2. ULUSLARARASI MARDİN ARTUKLU BİLİMSEL ARAŞTIRMALAR KONGRESİ, Mardin, Turkey, 23 - 25 August 2019, pp.114
- IX. **NEW SOURCE OF ARBUTIN: *O. galegifolia* and *O. nitida***
Şimşek S., Akşit H., Köksal E.
2. ULUSLARARASI MARDİN ARTUKLU BİLİMSEL ARAŞTIRMALAR KONGRESİ, Mardin, Turkey, 23 - 25 August 2019,

- X. **In vitro antioxidant and antiproliferative activity of *Gypsophila sphaerocephala* subsp. *cappadocica*: Phenolic composition by RP-HPLC**
ALTAY A., DEĞİRMENCİ Ş., KÖKSAL E., KORKMAZ M., ÇANKAYA M.
4th International Symposium of Medicinal and Aromatic Plants-2018, İzmir, Turkey, 2 - 04 October 2018
- XI. **Tanacetum alyssifolium Bitkisi Üzerinde Fitokimyasal Çalışmalar**
ULUTAŞ Y., KÖKSAL E., ALTAY A., AKŞİT H.
4th International Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018, pp.127
- XII. **Tanacetum alyssifolium Bitkisinden İzole Edilen İki Farklı Kumarin Türevinin Biyolojik Aktivitelerinin İncelenmesi**
ULUTAŞ Y., KÖKSAL E., ALTAY A., AKŞİT H.
4th International Non-Wood Forest Products Symposium, Bursa, Turkey, 4 - 06 October 2018, pp.70
- XIII. **In vitro antioxidant and antiproliferative activities of *gypsophila aucheri*: Analysis of its phenolic compounds by RP-HPLC**
KÖKSAL E., ALTAY A., ÇANKAYA M., KORKMAZ M.
7th International Congress on Molecular Biology and Biotechnology (www.molbiotech.gen.tr), Konya, Turkey, 25 - 27 May 2018
- XIV. **Peroxidase from cress (*Lepidium sativum* sub sp. *sativum*): Partial purification and some biochemical properties**
ALTAY A., Köktepe T., Köksal İ., KÖKSAL E.
7th International Molecular Biology and Biotechnology Congress, Konya, Turkey, 25 - 27 April 2018, pp.169
- XV. **Phytochemical Profile of *Tanacetum erzincanense* and its correlation to antioxidant and antiproliferative activities**
ALTAY A., TOHMA H., KÖKSAL E.
7th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, Antalya, Turkey, 20 - 23 April 2018, vol.10, no.2, pp.718-719
- XVI. **Antioxidant and anti-proliferative activities as well as phytochemical profile of *Gypsophila lepidioides***
ALTAY A., TOHMA H., KÖKSAL E.
7th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, Antalya, Turkey, 20 - 23 April 2018, vol.10, pp.741-742
- XVII. **C40 *Aethionema bingoelicum* BİTKİSİ ÜZERİNDE FİTOKİMYASAL ÇALIŞMALAR**
ulutaş y., KÖKSAL E., ALTAY A., CEYRAN E., KILIÇ Ö.
INTERNATIONAL SYMPOSIUM ON MEDICINAL, AROMATIC AND DYE PLANTS, 5 - 07 October 2017
- XVIII. **C37 *Neotchihatchewia isatidea* bitkisinin fitokimyasal özelliklerinin incelenmesi.**
CEYRAN E., KÖKSAL E., ALTAY A., KILIÇ Ö., ulutaş y.
International symposium on medicinal, aromatic, and dye plants, 5 - 07 October 2017
- XIX. **DETERMINATION OF THE PHENOLIC PROFILE AND ANTIOXIDANT ACTIVITY OF THE PLANT 'TANACETUM ERZINCANENSE'**
ALTAY A., KÖKSAL E., Öztürk Saikaya B., Yapıcı İ.
INTERNATIONAL CONFERENCE ON APPLICATIONS IN CHEMISTRY AND CHEMICAL ENGINEERING (ICACCHE), Saraybosna, Bosnia And Herzegovina, 10 - 15 October 2017, pp.13
- XX. ***Aethionema bingoelicum* BİTKİSİ ÜZERİNDE FİTOKİMYASAL ÇALIŞMALAR**
Ulutaş Y., Köksal E., Altay A., Kılıç Ö., Ceyran E.
INTERNATIONAL SYMPOSIUM ON MEDICINAL, AROMATIC AND DYE PLANTS, Bingöl, Turkey, 5 - 07 October 2017, pp.420
- XXI. ***Neotchihatchewia isatidea* BİTKİSİNİN FİTOKİMYASAL ÖZELLİKLERİNİN İNCELENMESİ**
CEYRAN E., KÖKSAL E., ALTAY A., KILIÇ Ö., ULUTAŞ Y.
INTERNATIONAL SYMPOSIUM ON MEDICINAL, AROMATIC AND DYE PLANTS, Malatya, Turkey, 5 - 07 October 2017, pp.419
- XXII. **ISOLATION OF SECONDARY METABOLITES FROM AN ENDEMIC PLANT SPECIES 'TANACETUM**

ALYSSIFOLIUM' AND DETERMINATION OF ANTIOXIDANT-ANTIPROLIFERATIVE PROPERTIES

Ulutaş Y., KÖKSAL E., ALTAY A.

I. INTERNATIONAL CONGRESS on MEDICINAL and AROMATIC PLANTS: "NATURAL and HEALTHY LIFE", 10 - 12 May 2017, pp.1192

XXIII. ANTIOXIDANT ACTIVITIES OF ROSA CANINA SPECIES COLLECTED FROM TURKEY

İŞİK M., KANBUR H., DİKİCİ E., TOZOĞLU F., BEYDEMİR Ş., GÜLÇİN İ., KÖKSAL E.

1st International Congress on Medical and Aromatic Plants, 10 - 12 May 2017

XXIV. Antioxidant, antimicrobial activities and phenolic compounds of *Lycopus europaeus* determined by LC-MS/MS.

ARAS A., KÖKSAL E., TOHMA H., KILIÇ Ö., ALAN Y., GÜLÇİN İ., BURSAL E.

1. Uluslararası Tıbbi ve Aromatik Bitkiler Kongresi (TABKON 2017), Konya, Turkey, 10 - 12 May 2017

XXV. Isolation of Axillarin From *Tanacetum Alyssifolium* and Determination of Anticancerogen and Antioxidant Properties

ŞİMŞEK S., KÖKSAL E., ÇATIR M., TÜFEKÇİ A. R., DEMİRTAŞ İ.

I. International Congress on Medicinal and Aromatic Plants: "Natural and Healthy Life", Konya, Mayıs 2017, 9 - 11 May 2017

XXVI. ANTIOXIDANT ACTIVITY AND PHENOLIC PROFILE OF *ZIZIPHORA CLINOPODIODES* LAM.

ALTAY A., KÖKSAL E., CEYRAN E.

INTERNATIONAL-CONGRESS-on-MEDICINAL-and-AROMATIC-PLANTS, Konya, Turkey, 10 - 12 May 2017, pp.509

XXVII. ISOLATION OF SECONDARY METABOLITES FROM AN ENDEMIC PLANT SPECIES '*Tanacetum alyssifolium*' AND DETERMINATION OF ANTIOXIDANT-ANTIPROLIFERATIVE PROPERTIES

ULUTAŞ Y., KÖKSAL E., ALTAY A.

Natural and Healthy Life", (TABKON), Konya, Turkey, 9 - 12 May 2017, pp.1192

XXVIII. Unutulmaya Yüz Tutmuş Yöresel Bir Lezzet Erzincan İçin Ekonomik Bir Potansiyel Kesme Kadayıf KÖKSAL E.

Uluslararası Erzincan Sempozyumu, Erzincan, Turkey, 28 September - 01 October 2016

XXIX. Purification characterization and sensitivity to pesticides of peroxidase from wheat *Triticum aestivum* ssp *vulgare*

Altın S., TOHMA H., GÜLÇİN İ., KÖKSAL E.

6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels was supported by The Scientific and Technological Research Council of Turkey, 24 - 27 May 2016, vol.8

XXX. Poliumoside from *Teucrium polium* Inhibit Biofilm forming *Staphylococcus aureus* in Mice

ELMASRI W., Hegazy M. F., KÖKSAL E., TRAN P., MECHREF Y., ABDUL N H., PARE P. P.

INTERNATIONAL EURASIA PHARMACY CONGRESS, Erzincan, Turkey, 3 - 07 September 2015

XXXI. The investigation of BHA and BHT in blood by using Density Functional Theory (DFT)

ULUTAŞ Y., KÖKSAL E.

2. ULUSAL HESAPLAMALI KİMYA KONGRESİ, Kars, Turkey, 4 - 06 June 2015, pp.25

Supported Projects

2020 - 2021	Antiproliferatif Aktivite Yönlendirmeli Olarak Bazı Sekonder Metabolitlerin <i>Achillea Sinenisii</i> Hub.-Mor. (Asteraceae) Bitkisinden İzolasyonu ve Yapı Tayini, TUBITAK Project
2019 - 2021	Erzincan'a Endemik İpek Çöveni <i>Gypsophila lepidioides</i> Bitkisinden sekonder metabolitlerin izolasyonu ve Anti-diyabetik Potansiyelinin Araştırılması, Project Supported by Higher Education Institutions
2018 - 2019	Erzincan Tıbbi ve Aromatik Bitkilerinin Yerel Ekonomiye Kazandırılması, Project Supported by Other Official Institutions
2017 - 2018	<i>Ziziphora Clinopodioides</i> Lam Bitkisinin Farklı Ekstrelerde Fenolik İçeriği ve Antioksidan Aktivite Özelliklerinin İncelenmesi ve Esansiyel Yağ Profiline Belirlenmesi, Project Supported by Higher Education Institutions

2016 - 2018	Tanacetum erzincanense bitkisinden elde edilen farklı ekstraktların antioksidan ve sitokrom P450 enzimleri üzerine etkilerinin insan karaciğer HepG2 ve kolon HT29 hücre hatlarında araştırılması, Project Supported by Higher Education Institutions
2015 - 2018	Erzincan Üniversitesi, Temel Bilimler Uygulama ve Araştırma Merkezi (EÜTAM) Sarf Malzeme Altyapısının Oluşturulması, Project Supported by Higher Education Institutions
2014 - 2016	Endemik Bir Tür Olan Tanacetum Alyssifolium Bitkisinden Antioksidan Aktivite Gösterebilecek Sekonder Metabolitlerin İzolasyonu ve Kimyasal Yapılarının Belirlenmesi, Project Supported by Higher Education Institutions
2011 - 2012	Kemah Kirazı [Cerasus Erzincanica (Ş. Yıldırım)] Sap ve Meyve Kısımlarının Total Antioksidan, Antiradikal Kapasiteleri ve Fenolik İçeriğinin Araştırılması, Project Supported by Higher Education Institutions

Scientific Refereeing

January 2022	FOOD RESEARCH INTERNATIONAL, SCI Journal
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Metrics

Publication: 86
Citation (WoS): 1087
Citation (Scopus): 2224
H-Index (WoS): 18
H-Index (Scopus): 25

Congress and Symposium Activities

2017	Determination of The Phenolic Profile And Antioxidant Activity of The Plant 'Tanacetum Erzincanense' The International Conference on Applications in Chemistry and Chemical Engineering (ICACCHE), Attendee, Sarajevo, Bosnia And Herzegovina
2017	Neotchiatchewia Isatidea Bitkisinin Fitokimyasal Özelliklerinin İncelenmesi, International Symposium on Medicinal, Aromatic and Dye Plants (REYHAN 2017), Attendee, Malatya, Turkey
2017	Aethionema Binoelicum Bitkisi Üzerinde Fitokimyasal Çalışmalar, International Symposium on Medicinal, Aromatic and Dye Plants (REYHAN 2017), Attendee, Malatya, Turkey
2017	Antioxidant, Antimicrobial Activities, and Phenolic Compounds of Lycopodium Europaeus Determined By LC/MS-MS. I. International Congress on Medicinal and Aromatic Plants: "Natural and Healthy Life", Attendee, Konya, Turkey
2017	Isolation of Secondary Metabolites from an Endemic Plant Species 'Tanacetum Alyssifolium' and Determination of Antioxidant-Antiproliferative Properties. I. International Congress on Medicinal and Aromatic Plants: "Natural and Healthy Life", Attendee, Turkey
2017	Antioxidant Activities of Rosa Canina Species Collected from Turkey. I. International Congress on Medicinal and Aromatic Plants: "Natural and Healthy Life", Attendee, Turkey
2017	Antioxidant Activity and Phenolic Profile of Ziziphora Clinopodioides Lam. I. International Congress on Medicinal and Aromatic Plants: "Natural and Healthy Life", Attendee, Turkey
2017	Isolation of Axillarin from Tanacetum Alyssifolium and Determination of Anticancerous and Antioxidant Properties. I. International Congress on Medicinal and Aromatic Plants: "Natural and Healthy Life", Attendee, Konya, Turkey
2016	Unutulmaya Yüz Tutmuş Yöresel Bir Lezzet-Erzincan İçin Ekonomik Bir Potansiyel: Kesme Kadayıf Kesme Kadayıf: An Excellent Forgotten Local Taste and an Economic Potential For Erzincan. Uluslararası Erzincan Sempozyumu, Attendee, Erzincan, Turkey

2016	Purification, characterization, and sensitivity to pesticides of peroxidase from wheat (<i>Triticum aestivum</i> ssp. <i>Vulgare</i>). 5th International Congress on Cell Membranes and Oxidative Stress., Attendee, Isparta, Turkey
2015	Poliumoside from <i>Teucrium polium</i> Inhibit Biofilm-forming <i>Staphylococcus aureus</i> in Mice. IJPCR, Conference Proceedings, Attendee, Erzincan, Turkey
2015	The Investigation of BHA and BHT in Blood by Using Density Functional Theory (DFT). 2. Ulusal Hesaplamalı Kimya Kongresi, Attendee, Kars, Turkey
2014	Antioxidant Activity And Polyphenol Content Of Leaves Of Chard (<i>Beta Vulgaris</i> Var. <i>Vulgaris</i>) Monitored By LC-MS/MS. Workshop on Determining Antioxidants as Reactive Species Scavengers., Attendee, İstanbul, Turkey
2014	Antioxidant activity and polyphenol content of leaves of spinach (<i>Spinacia oleracea</i>) monitored by LC-MS/MS. 5th International Congress on Cell Membranes and Oxidative Stress: Focus on Calcium Signaling and TRP Channels, Attendee, Isparta, Turkey
2014	Paraoksonaz (hPON1) Enzim Aktivitesi Üzerine Klaritromisin, Sefepim Hidroklorür, Asiklovir ve Sefazolin Sodyum Etkisi, Kardiyovasküler Hastalıklar ve Oksidatif Stres. 27. Ulusal Kimya Kongresi, Attendee, Çanakkale, Turkey
2014	<i>Gypsophila Bitlisensis</i> 'in Antioksidant Özelliklerinin Belirlenmesi. 27. Ulusal Kimya Kongresi, Attendee, Turkey
2011	Melisa (<i>Melissa officinalis</i>) Yapraklarının Antioksidan Aktivitesi. XXV. Ulusal kimya kongresi,, Attendee, Erzurum, Turkey
2010	Kiraz bitkisi sap kısımlarının antioksidan ve radikal giderme özelliklerinin belirlenmesi XXIV. Ulusal kimya kongresi, Attendee, Zonguldak, Turkey
2010	Kekik bitkisinin antioksidan ve antiradikal giderme aktivitelerinin belirlenmesi ile total fenolik ve total flavonoit miktarlarının tespiti. XXIV. Ulusal kimya kongresi,, Attendee, Turkey
2010	Pazı bitkisinden peroksidaz enziminin saflaştırılması ve karakterizasyonu. Kromatografi Kongresi., Attendee, Erzurum, Turkey
2010	In vitro antioxidant properties and phenolic content of Ginger (<i>Zingiber officinale</i> Rosc.) Root. Second international symposium on sustainable development., Attendee, Sarajevo, Bosnia And Herzegovina
2009	Ispanak (<i>Spinacia oleracea</i> L.) bitkisinden Peroksidaz Enziminin Saflaştırılması ve Karakterizasyonu. Kromatografi 2009 Kongresi,, Attendee, Trabzon, Turkey
2009	Bal Kabağı (<i>Cucurbita moschata</i> L.) Peroksidaz Enziminin Saflaştırılması ve Karakterizasyonu. XXIII. Ulusal Kimya Kongresi,, Attendee, Sivas, Turkey
2009	<i>Chionanthus virginicus</i> L. den izole edilen sekoroidoidlerin antioksidan özelliklerinin incelenmesi. XXIII. Ulusal Kimya Kongresi,, Attendee, Turkey
2007	). Karnabahardan (<i>Brassica oleracea</i> L.) peroksidaz enziminin saflaştırılması ve karakterizasyonu. BİY038P, XXI. Ulusal Kimya Kongresi, Attendee, Malatya, Turkey
2003	Katalaz enziminin kara lahana bitkisinden (<i>Brassica oleracea</i> L. Var. <i>Acephala</i> DC) saflaştırılması, karakterizasyonu ve bazı pestisidler ile antibiyotiklerin enzim üzerindeki aktivitelerinin incelenmesi. XVII. Ulusal Kimya Kongresi, Attendee, İstanbul, Turkey

Non Academic Experience

2001 - 2009	National Education Directorate, Milli Eğitim Bakanlığı, MEB
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