

Res. Asst. PhD EMİNE KILIÇKAYA SELVİ

Personal Information

Office Phone: [+90 464 228 0022](tel:+904642280022) Extension: 2132

Email: emine.selvi@erdogan.edu.tr

Web: <https://avesis.erdogan.edu.tr/emine.selvi>

Education Information

Doctorate, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, Kimya / Analitik Kimya, Turkey 2011 - 2017

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Kimya / Analitik Kimya, Turkey 2008 - 2011

Undergraduate, Erciyes University, Fen Fakültesi, Kimya Bölümü, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Cuscuta campestris Bitkisinin Biyoaktif Bileşenlerinin Kromatografik Olarak İzolasyonu ve Karakterizasyonu, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2017

Postgraduate, Diyaliz Çözeltilerinde Alüminyum Tayini, Erciyes University, Makine ve Metal Teknolojileri Bölümü, Kimya / Analitik Kimya, 2011

Research Areas

Chemistry, Analytical Chemistry, Separation Methods, Bioanalytical Methods, Chromatographic Analysis, Mass Spectroscopy, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Recep Tayyip Erdogan University, Teknik Bilimler Meslek Yüksekokulu, ÇEVRE KORUMA TEKNOLOJİLERİ BÖLÜMÜ, 2020 - Continues

Research Assistant, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2009 - 2020

Academic and Administrative Experience

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Recep Tayyip Erdogan University, Teknik Bilimler Meslek Yüksekokulu, ÇEVRE KORUMA TEKNOLOJİLERİ BÖLÜMÜ, 2020 - Continues

Head of Department, Recep Tayyip Erdogan University, Teknik Bilimler Meslek Yüksekokulu, ÇEVRE KORUMA TEKNOLOJİLERİ BÖLÜMÜ, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Toxic efficacy of *Cuscuta campestris* Yunck. (Solanales: Convolvulaceae) and *Lupinus albus* L. (Fabales: Fabaceae) plant crude extracts against nymphs and adults of *Orosanga japonica* (Melichar, 1898) (Hemiptera: Ricaniidae) under laboratory conditions** *Orosanga japonica* (Melichar, 1898) (Hemiptera: Ricaniidae)'nin nimf ve erginlerine karsi *Cuscuta campestris* Yunck. (Solanales: Convolvulaceae) ve *Lupinus albus* L. (Fabales: Fabaceae) bitki ham özütlerinin laboratuvar kosullari altinda toksik etkinligi
Akner M. M., Kılıçkaya Selvi E., Öztürk M., Güney I., Usta A.
Turkiye Entomoloji Dergisi, vol.45, no.1, pp.65-75, 2021 (SCI-Expanded)
- II. **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)
- III. **Determination of Aluminum in Dialysis Concentrates by Atomic Absorption Spectrometry after Coprecipitation with Lanthanum Phosphate**
Selvi E., ŞAHİN U., ŞAHAN S.
IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, vol.16, no.3, pp.1030-1036, 2017 (SCI-Expanded)
- IV. **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., SELVİ 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)
- V. **Three seasonal comprehensive evaluation process of *Digitalis trojana* Ivan's phenolics**
TURUMTAY H., Turumtay E., Selvi E. K., Sahin H., Sandalli C., Yazici Z. A.
INDUSTRIAL CROPS AND PRODUCTS, vol.94, pp.160-166, 2016 (SCI-Expanded)
- VI. **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)

Articles Published in Other Journals

- I. **Determination of some metal contents of cow's milk in Akçabaa district of Trabzon by ICP-MS**
İslamoğlu F., Torul O., Yazıcı E., Duran C., Kılıçkaya Selvi E.
TURKISH JOURNAL OF ANALYTICAL CHEMISTRY, vol.2, no.2, pp.1-7, 2020 (Peer-Reviewed Journal)
- II. **Toxicological and behavioural potency of different plant extracts on *Aedes albopictus* (Diptera: Culicidae) and their qualitative phytochemical analysis**
Usta A., Güney I., Öztürk M., Kiliçkaya Selvi E., Akiner M. M.
International Journal of Mosquito Research, vol.7, no.5, pp.12-18, 2020 (Peer-Reviewed Journal)
- III. **Antioxidant Activity and Total Phenolic and Flavonoid Contents of *Salvia verticillata* L., *Salvia tomentosa* Mill., and *Phlomis lychnitis* L.**
KILIÇKAYA SELVİ E.
Journal of Anatolian Environmental and Animal Sciences, vol.5, no.2, pp.125-130, 2020 (Peer-Reviewed Journal)
- IV. **Larvacidal Activity of Some Medicinal Plants Naturally Growing in Turkey Against *Aedes albopictus* (Diptera: Culicidae)**
KILIÇKAYA SELVİ E., USTA A., AKINER M. M.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.4, no.1, pp.53-59, 2019 (Peer-Reviewed Journal)
- V. **Larvacidal Activity of Some Medicinal Plants Naturally Growing in Turkey Against *Aedes Albopictus* (Diptera: Culicidae)**
Kılıçkaya Selvi E., Usta A., Akiner M. M.

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Antibacterial Effects of Methanol Extracts of Some Plants on Resistant Clinical Isolates**
Akyıldız E., SARAL A., Özad Düzgün A. Ö. D., Köse T., KILIÇKAYA SELVİ E., BERİŞ F. Ş.
4th International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 2 - 04 October 2018, vol.1, no.1, pp.68
- II. **Investigation of Antibacterial Effects of Methanol Extracts of Some Plants on Resistant Clinical Isolates**
Akyıldız E., SARAL A., Özad Düzgün A. Ö. D., Köse T., KILIÇKAYA SELVİ E., BERİŞ F. Ş.
4th International Symposium of Medicinal and Aromatic Plants, İzmir, Turkey, 2 - 04 October 2018, vol.1, no.1, pp.68
- III. **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
- IV. **Determination of phenolic acids and flavonoids in the leaf, sepal and seed parts of *Lallemantia iberica* (Bieb) Fisch. Mey. from Şanlıurfa**
Abak F., TURUMTAY H., ATAMOV V., KILIÇKAYA SELVİ E., AKYÜZ TURUMTAY E.
8th Black Sea Basin Conference on Analytical Chemistry, 9 - 11 May 2018
- V. **Antioxidant Associated Compounds of Seed, Stem and Whole Parts of Fresh *Cuscutacampestris***
AKYÜZ TURUMTAY E., TURUMTAY H., KILIÇKAYA SELVİ E.
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 April 2018
- VI. **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
- VII. **Chromatographic and Spectroscopic Determination of Phenolic Acid and Flavonoid Contents With Radical Scavenging Activity of *Cuscuta campestris***
AKYÜZ TURUMTAY E., KILIÇKAYA SELVİ E., DEMİR E., TURUMTAY H.
I. International Congress on Medicinal and Aromatic Plants, 10 - 12 May 2017
- VIII. **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
- IX. **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
- X. **Chromatographic Determination of Phenolic Compounds of *Camellia sinensis* Flowers Exhibited Strong Inhibition Effect on the two Replicative DNA Polymerases**
KILIÇKAYA SELVİ E., Er H., AKYÜZ TURUMTAY E., TURUMTAY H.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XI. **Chromatographic and Spectroscopic Determination of Phenolic Compounds of *Pyhtolacca americana* L. fruits**
KILIÇKAYA SELVİ E., KALKAN Ü., AKYÜZ TURUMTAY E., TURUMTAY H.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 April - 29 December 2017
- XII. **Chromatographic Determination of Phenolic Compounds of *Camellia sinensis* Flowers Exhibited**

Strong Inhibition Effect on the two Replicative DNA Polymerases

KILIÇKAYA SELVİ E., Er H., AKYÜZ TURUMTAY E., Turumtay H.

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.474

- XIII. **Chromatographic Determination of Phenolic Compounds of Camellia sinensis Flowers Exhibited Strong Inhibition Effect on the two Replicative DNA Polymerases**

KILIÇKAYA SELVİ E., Er H., AKYÜZ TURUMTAY E., Turumtay H.

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.474

- XIV. **Chromatographic and Spectroscopic Determination of Phenolic Compounds of Pyhtolacca americana L. fruits**

KILIÇKAYA SELVİ E., Kalkan Ü., AKYÜZ TURUMTAY E., Turumtay H.

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.477

- XV. **Chromatographic and Spectroscopic Determination of Phenolic Compounds of Pyhtolacca americana L. fruits**

KILIÇKAYA SELVİ E., Kalkan Ü., AKYÜZ TURUMTAY E., Turumtay H.

IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.477

- XVI. **Yabani Bir Armut Türü Olan Pyrus elaeagnifolia subsp. elaeagnifolia Pallas' ın Fenolik İçeriği, Antioksidan Özellikleri ve Bazı Enzimler Üzerine İnhibisyon Etkilerinin İncelenmesi**

BALTAŞ N., PAKYILDIZ S., KILIÇKAYA SELVİ E.

16. Ulusal Kromatografi Kongresi, Malatya, Turkey, 31 August - 02 September 2016, pp.62

- XVII. **Yabani Bir Armut Türü Olan Pyrus elaeagnifolia subsp. elaeagnifolia Pallas' ın Fenolik İçeriği, Antioksidan Özellikleri ve Bazı Enzimler Üzerine İnhibisyon Etkilerinin İncelenmesi**

BALTAŞ N., PAKYILDIZ S., KILIÇKAYA SELVİ E.

16. Ulusal Kromatografi Kongresi, Malatya, Turkey, 31 August - 02 September 2016, pp.62

- XVIII. **Yabani Bir Armut Türü Olan Pyrus elaeagnifolia subsp elaeagnifolia Pallas ın Fenolik İçeriği Antioksidan**

BALTAŞ N., PAKYILDIZ S., KILIÇKAYA SELVİ E.

16. Ulusal Kromatografi Kongresi, Turkey, 31 August - 02 September 2016, pp.62

- XIX. **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

- XX. **PHENOLIC COMPOUNDS OF CINNAMOMUM ZEYLANICUM AND INHIBITION EFFECT ON THE ENZYMES OF BACTERIAL REPLICATIVE DNA POLYMERASE**

AKYÜZ TURUMTAY E., KILIÇKAYA SELVİ E., Er h., MİDİLLİ A., BAYKAL H., BELDÜZ A. O., SANDALLI C.

11. International symposium on pharmaceutical sciences, 9 - 12 June 2015

- XXI. **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

- XXII. **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

- XXIII. **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

- XXIV. **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

- XXV. **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

- XXVI. **RP HPLC UV ile Scolopendrium officinale Bitkisinin Fenolik Bileşiklerinin Analizleri**
YAZICI E., AKYÜZ TURUMTAY E., KILIÇKAYA SELVİ E., ŞAHİN H., İSLAMOĞLU F.

Kromatografi 2012 Kongresi, Turkey, 6 - 09 June 2012

- XXVII. **RP-HPLC-UV ile Scolopendrium officinale Bitkisinin Fenolik Bileşiklerinin Analizleri**
Yazıcı E., AKYÜZ TURUMTAY E., KILIÇKAYA SELVİ E., Şahin H., İSLAMOĞLU F.

Kromatografi 2012, Tokat, Turkey, 6 - 09 June 2012, pp.51

Supported Projects

USTA A., KILIÇKAYA SELVİ E., AKINER M. M., Project Supported by Higher Education Institutions, Farklı Bitki Ekstraktlarının Aedes albopictus Karşı Yumurtlama Caydırıcılığı ve Larvasidal Aktivitelerinin Araştırılması, 2019 - 2021
KILIÇKAYA SELVİ E., USTA A., AKINER M. M., Project Supported by Higher Education Institutions, Lupinus sp ve Cuscuta sp Özülerinin Kimyasal Bileşimlerinin Ricania japonica Mücadelesindeki Etkilerinin ve Antioksidan Özelliklerinin Araştırılması, 2018 - 2020

Kılıçkaya Selvi E., Project Supported by Other Official Institutions, Bitkisel Bazlı İlaç Destek Maddesi İçin Ekstrakt Geliştirilmesi, 2018 - 2020

AKYÜZ TURUMTAY E., GÜZEL A. İ., KILIÇKAYA SELVİ E., Project Supported by Higher Education Institutions, Usnea longissima Bitkisinin Biyoaktif Bileşenlerinin Prep-HPLC-DAD-FLD ile Saflaştırılması ve MS-MS, FTIR ve NMR Spektroskopileri ile Yapılarının Aydınlatılması, 2013 - 2016

AKYÜZ TURUMTAY E., AKBULUT M., İSLAMOĞLU F., BAYKAL H., ŞAVŞATLI Y., KILIÇKAYA SELVİ E., Project Supported by Higher Education Institutions, Laurocerasus officinalis Roem. Meyvesinden Aktif Bileşenlerin Preparatif HPLC ile İzolasyonu ve Aydınlatılması, 2012 - 2016

AKBULUT M., DİNÇER D., BAYKAL H., ŞAVŞATLI Y., YAZICI K., BAKOĞLU N., DEĞİRMENCİ N., GÖKSU B., TÜMKAYA L., YILMAZ A., et al., Project Supported by Higher Education Institutions, Rize İlindeki Yerel Meyve Türlerinin Seleksiyon Islahı Ve Tescili, 2012 - 2016

AKYÜZ TURUMTAY E., İSLAMOĞLU F., KILIÇKAYA SELVİ E., Project Supported by Higher Education Institutions, Lamiaceae Familyasından Üç Türün Antosiyanidinlerinin HPLC-UV ve HPLC-MS ile Aydınlatılması, 2012 - 2014

Metrics

Publication: 38

Citation (WoS): 28

Citation (Scopus): 33

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

Sorbus caucasica var. yaltirikii meyvesinin fenolik bileşiklerinin HPLC-UV ile aydınlatılması, Attendee, Turkey, 2014

Cephalaria gigantea (Ledeb.) Babrov Bitkisinin Fenolik Bileşenlerinin HPLC-UV ile aydınlatılması, Attendee, Turkey, 2014

Doğal cyanidin kaynağı Thymus praecox., Attendee, Turkey, 2014

RP-HPLC-UV ile scolopendrium officinale bitkisinin fenolik bileşiklerinin analizleri, Attendee, Tokat, Turkey, 2012