

Asst. Prof. EMİNE KILIÇKAYA SELVİ

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 42368

Education Information

Doctorate, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, Turkey 2011 - 2017

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Turkey 2008 - 2011

Research Areas

Chemistry, Analytical Chemistry, Separation Methods, Chromatographic Analysis, Mass Spectroscopy, Sample preparation, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2021 - Continues

Research Assistant, Recep Tayyip Erdogan University, Fen Edebiyat Fakültesi, Kimya Bölümü, 2009 - 2021

Academic and Administrative Experience

Academic Council Member of Department, Kayseri University, Lisansüstü Eğitim Enstitüsü, 2024 - Continues

Meslek Yüksekokulu Kurulu Üyesi, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2021 - Continues

Head of Department, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Tekstil-Giyim, Ayakkabı ve Deri, 2021 - 2023

Courses

Postgraduate

FİTOKİMYASAL ARAŞTIRMA TEKNİKLERİ, Postgraduate, 2024 - 2025

Associate Degree

Analitik Kimya, Associate Degree, 2024 - 2025

Genel Kimya II, Associate Degree, 2024 - 2025

Analitik Kimya, Associate Degree, 2024 - 2025

Genel Kimya I, Associate Degree, 2024 - 2025

Jury Memberships

Post Graduate, Post Graduate, Erciyes Üniversitesi, October, 2024
Post Graduate, Post Graduate, Erciyes Üniversitesi, August, 2024
Post Graduate, Post Graduate, Erciyes Üniversitesi, August, 2024
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, December, 2023
Post Graduate, Post Graduate, Erciyes Üniversitesi, September, 2023
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, March, 2023
Post Graduate, Post Graduate, Erciyes Üniversitesi, January, 2023
Post Graduate, Post Graduate, Erciyes Üniversitesi, July, 2022
Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, June, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Study of Dodder (<i>Cuscuta campestris</i> Yuncker) as a Pharmaceutically Effective Natural Dyestuff Source**
BENLİ H., KILIÇKAYA SELVİ E.
FIBERS AND POLYMERS, vol.25, no.12, pp.4743-4754, 2024 (SCI-Expanded)
- II. **The anticancer activity of Cuscuta campestris Yunck extract: An combined study of in vitro and in vivo experiments**
KILIÇKAYA SELVİ E., ÜNAL G.
SOUTH AFRICAN JOURNAL OF BOTANY, vol.174, pp.40-48, 2024 (SCI-Expanded)
- III. **DETERMINATION OF CHEMICAL COMPOSITIONS, ANTIOXIDANT, DNA CLEAVAGE AND BINDING PROPERTIES OF <i>VINCETOXICUM</i> <i>TMOLEUM</i> EXTRACT**
Selvi E., GÜLER N., GÜVEN S., MAKBUL S.
STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, vol.2024, no.1, pp.163-174, 2024 (SCI-Expanded)
- IV. **Determination of the chemical composition, DNA cleavage, binding and antioxidant activities of Vincetoxicum scandens**
Selvi E. K., GÜVEN S., Guler N., ÇOŞKUNÇELEBİ K.
BOTANICA SERBICA, vol.48, no.2, pp.141-149, 2024 (SCI-Expanded)
- V. **The effect of phthalocyanine's periphery on the biological activities of carbazole-containing metal phthalocyanines**
Farajzadeh N., Yenilmez H. Y., BAHAR D., Kusculu N. G., Selvi E. K., Bayir Z. A.
DALTON TRANSACTIONS, vol.52, no.21, pp.7009-7020, 2023 (SCI-Expanded)
- VI. **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**
AKINER M. M., Kiliçkaya Selvi E., Öztürk M., Güney I., USTA A.
Türkiye Entomoloji Dergisi, vol.45, no.1, pp.65-75, 2021 (SCI-Expanded)
- VII. **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. A.
ANALYTICAL LETTERS, vol.51, no.10, pp.1464-1478, 2018 (SCI-Expanded)
- VIII. **Determination of Aluminum in Dialysis Concentrates by Atomic Absorption Spectrometry after Coprecipitation with Lanthanum Phosphate.**
Selvi E., Şahin U., Şahan S.
Iranian journal of pharmaceutical research : IJPR, vol.16, pp.1030-1036, 2017 (SCI-Expanded)

- IX. **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., Budak E. E., Er H., Kocaimamoglu F., BAYKAL H., BELDÜZ A. O., et al.
BIOMEDICAL CHROMATOGRAPHY, vol.31, no.6, 2017 (SCI-Expanded)
- X. **Three seasonal comprehensive evaluation process of *Digitalis trojana* Ivan's phenolics**
TURUMTAY H., Turumtay E. A., Selvi E., Sahin H., Sandalli C., YAZICI Z. A.
INDUSTRIAL CROPS AND PRODUCTS, vol.94, pp.160-166, 2016 (SCI-Expanded)
- XI. **Anthocyanins profiling of *Thymus praecox* opiz subsp *caucasicus* var. *caucasicus***
Turumtay E. A., TURUMTAY H., DEMİR A., Selvi E., Yazici E., Sandalli C., YAZICI Z. A.
INDUSTRIAL CROPS AND PRODUCTS, vol.77, pp.748-753, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparative Evaluation of Chemical Compositions and Antioxidant Activities of *Passiflora edulis* Sims Extracts**
KILIÇKAYA SELVİ E.
CUMHURİYET SCIENCE JOURNAL, vol.45, 2024 (Peer-Reviewed Journal)
- II. **Molecular docking and antioxidant activity studies of imidodithiocarbonate derivatives containing pyrimidine**
KORKUSUZ E., SERT Y., KILIÇKAYA SELVİ E., Aydın H., KOCA İ., YILDIRIM İ.
ORGANIC COMMUNICATIONS, vol.16, no.1, pp.1-10, 2023 (ESCI)
- III. **Determination of some metal contents of cow's milk in Akçabaat 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.62-68, 2020 (Peer-Reviewed Journal)
- IV. **Toxicological and behavioural potency of different plant extracts on *Aedes albopictus* (Diptera: Culicidae) and their qualitative phytochemical analysis**
Usta A., Güney İ., Öztürk M., Kılıçkaya Selvi E., Akner M. M.
Internal journal of mosquito research, vol.7, no.5, pp.12-18, 2020 (Peer-Reviewed Journal)
- V. **Antioxidant Activity and Total Phenolic and Flavonoid Contents of *Salvia verticillata* L., *Salvia tomentosa* Mill., and *Phlomis lychnitis* L.**
Kılıçkaya Selvi E.
Journal of Anatolian Environmental and Animal Sciences, cilt.5, sa.2, ss.125-130, 2020, vol.5, no.2, pp.125-130, 2020 (Peer-Reviewed Journal)
- VI. **Larvacidal Activity of Some Medicinal Plants Naturally Growing in Turkey Against *Aedes albopictus* (Diptera: Culicidae)**
SELVİ E. K., USTA A., AKINER M. M.
JOURNAL OF ANATOLIAN ENVIRONMENTAL AND ANIMAL SCIENCES, vol.4, no.1, pp.53-59, 2019 (Peer-Reviewed Journal)
- VII. **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)

Papers Published in Refereed Scientific Meetings

- I. **Comparison of Chemical Composition and Antioxidant Activity Of Fresh and Fermented *Gilaburu* (*Viburnum opulus* L.)**

Kılıçkaya Selvi E.

4th International Eurasian Conference on Science, Engineering and Technology, İstanbul, Turkey, 14 - 16 December 2022, pp.86

II. Chemical Composition And Antioxidant Activity Of *Asphodelus aestivus* L

Kılıçkaya Selvi E.

5th International Eurasian Conference on Biological and Chemical Sciences, İstanbul, Turkey, 23 - 25 November 2022, pp.232

III. Synthesis, Molecular Docking and ASynthesis, Molecular Docking and Antioxidation Activities of Novel PyrimidineDithiocarbonimide Hybrintioxidation Activities of Novel PyrimidineDithiocarbonimide Hybri

Korkusuz E., Sert Y., Kılıçkaya Selvi E., Aydın H., Koca İ., Yıldırım İ.

7th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 24 - 26 October 2022, pp.54

IV. Investigation of Antibacterial Effects of Methanol Extracts of Some Plants on Resistant Clinical Isolates

akyıldız e., SARAL A., ÖZAD DÜZGÜN A., KILIÇKAYA SELVİ E., BERİŞ F. Ş.

4th International Symposium of Medicinal and Aromatic Plants, Turkey, 2 - 04 October 2018

V. 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

VI. 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

VII. 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

VIII. 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

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 E., TURUMTAY H.

I. International Congress on Medicinal and Aromatic Plants, 10 - 12 May 2017

X. 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

XI. 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

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

BALTAŞ N., SEMA P., KILIÇKAYA SELVİ E.

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

XIII. 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

XIV. *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

XV. **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

XVI. **Doğal Siyanidin kaynağı Thymus praecox Opiz subsp caucasicus var caucasicus**

KILIÇKAYA SELVİ E., yazıcı e., DEMİR A., AKYÜZ TURUMTAY E.

7. Ulusal Analitik Kimya kongresi, Turkey, 01 September 2014 - 04 December 2015

XVII. **RP HPLC UV ile Scolopendrium officinale Bitkisinin Fenolik Bileşiklerinin Analizleri**

yazıcı e., AKYÜZ TURUMTAY E., KILIÇKAYA SELVİ E., ŞAHİN H., İSLAMOĞLU F.

Kromatografi2012 Kongresi, Turkey, 6 - 09 June 2012

Supported Projects

KILIÇKAYA SELVİ E., KOCA İ., KORKUSUZ E., SERT Y., Project Supported by Higher Education Institutions, Hidrazit Grubu İçeren Pirazol Türevi Hibrit Moleküllerin Moleküler Docking ve Antioksidan Aktivite Çalışmaları, 2023 - Continues

DAŞBAŞI T., KORKUSUZ E., KILIÇKAYA SELVİ E., ÜLGEN A., Project Supported by Higher Education Institutions, Tasarım Yeni Nesil Ultrasonik Ekstraksiyon Ünitesi ile Karamuk Berberis crataegina L Ekstraksiyonu ve Antioksidan Aktivitesinin Belirlenmesi, 2023 - Continues

Kılıçkaya Selvi E., Ünal G., Technopark, COVID-19'a Karşı Etkili Bitkisel İlaç Adaylarının Geliştirilmesi, 2022 - 2024

KORKUSUZ E., KOCA İ., KESKİN Y., KILIÇKAYA SELVİ E., Project Supported by Higher Education Institutions, Pirimidin Halkası İçeren İmidoditiyokarbonat Türevi Moleküllerin Moleküler Docking ve Antioksidan Aktivite Çalışmaları, 2022 - 2023

KILIÇKAYA SELVİ E., Project Supported by Higher Education Institutions, İLAÇ ETKEN MADDESİ OLAN FLAVONOİDLERİN EKSTRAKSİYON ŞARTLARININ OPTİMİZE EDİLMESİ VE ANTIOKSİDAN ÖZELLİKLERİNİN İNCELENMESİ, 2022 - 2023

Kılıçkaya Selvi E., Usta A., Akıner M. M., Project Supported by Higher Education Institutions, Lupinus sp ve Cuscuta sp Özütlерinin Kimyasal Bileşimlerinin Ricania japonica Mücadelesindeki Etkilerinin ve Antioksidan Özelliklerinin Araştırılması, 2018 - 2020

Peer Reviews in Scientific Publications

INTERNATIONAL JOURNAL OF SECONDARY METABOLITE, National Scientific Refreed Journal, July 2024

Journal of the Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, July 2024

INTERNATIONAL JOURNAL OF SECONDARY METABOLITE, National Scientific Refreed Journal, June 2024

Journal of the Turkish Chemical Society, Section A: Chemistry, National Scientific Refreed Journal, April 2024

International Journal of Secondary Metabolite, National Scientific Refreed Journal, October 2023

Asian Journal of Pharmacy and Pharmacology , Other Indexed Journal, March 2022

Scientific Project Refereeing

TUBITAK Project, 2237 - Program for Supporting Project Training Activities, February 2024

Scientific Consultations

Tübitak, Project Consultancy, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Kimya ve Kimyasal işleme Teknolojileri, Turkey, 2023 - Continues

Tübitak, Project Consultancy, Kayseri University, Mustafa Çıkrıkçıoğlu Meslek Yüksekokulu, Kimya ve Kimyasal işleme

Teknolojileri, Turkey, 2023 - 2023

Tübitak 2209-A, Project Consultancy, Kayseri University, Mustafa Çıkrıkçioğlu Meslek Yüksekokulu, Kimya ve Kimyasal
işleme Teknolojileri, Turkey, 2023 - 2023

Metrics

Publication: 38

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H-Index (Scopus): 4