

Asst. Prof. ELİF ÖZDEMİR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: LKK-2428-2024

ScopusID: 57194079040

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Education

Doctorate, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, Turkey 2010 - 2016

Postgraduate, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, Turkey 2008 - 2010

Undergraduate, Trakya University, Turkey 2003 - 2007

Foreign Languages

English

Dissertations

Doctorate, Galantaminin Biyolojik sıvılarda Yüksek performanslı Sıvı Kromatografisi (HPLC) ile Analizi, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, 2016

Postgraduate, Spektrofluorimetrik Yöntem ile Gabapentinin Tayini ve Farmasötik, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, 2010

Research Areas

Basic Pharmaceutics Sciences, Basic Sciences of Pharmacy, Analytical Chemistry

Academic Positions

Assistant Professor, Istanbul Yeni Yuzyıl University, Faculty Of Pharmacy, Department Of Basic Pharmaceutical Sciences, 2018 - Continues

Research Assistant, Istanbul Yeni Yuzyıl University, Faculty Of Pharmacy, Department Of Basic Pharmaceutical Sciences, 2014 - 2018

Academic and Administrative Experience

Istanbul Yeni Yuzyil University, 2022 - Continues

Istanbul Yeni Yuzyil University, 2022 - Continues

Istanbul Yeni Yuzyil University, 2014 - 2020

Courses

Undergraduate

Analitik Kimya II, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

farmasötik analiz ve validasyon, Undergraduate, 2022-2023

Laboratuvar teknikleri ve güvenliği, Undergraduate, 2022-2023, 2021-2022, 2018-2019

Laboratuvar güvenliği ve ayırma teknikleri, Undergraduate, 2022-2023

Analitik Kimya I, Undergraduate, 2022-2023, 2021-2022, 2019-2020, 2018-2019

Farmasötik Ayırma ve analiz uygulamaları, Undergraduate, 2021-2022, 2019-2020

PRO101-PRO102- PRO201-PRO202-PRO301-PRO302-PRO401-PRO402, Undergraduate, 2016-2017, 2015-2016, 2014-2015

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Determination of Three Gliptins in Tablets by Reversed Phase Liquid Chromatography with an Application of Spiked Urine Samples**
ÇAĞLAR ANDAÇ S., ÖZDEMİR E., Andac C. A.
Pharmaceutical Chemistry Journal, vol.57, no.3, pp.460-466, 2023 (SCI-Expanded)
- II. **Development and Validation of Two New Methods for the Determination of Rilmenidine in Bulk and Pharmaceutical Preparation**
ÖZDEMİR E., Kizilçay G. E., TOKER S.
Journal of Chromatographic Science, vol.60, no.1, pp.45-50, 2022 (SCI-Expanded)
- III. **Highly sensitive HPLC method for the determination of galantamine in human plasma and urine through derivatization with dansyl chloride using fluorescence detector**
ÖZDEMİR E., Tatar Ulu S.
Luminescence, vol.32, no.7, pp.1145-1149, 2017 (SCI-Expanded)
- IV. **Spectrophotometric determination of bisoprolol in pharmaceutical preparations by charge transfer reactions**
Ulu S. T., Kel E.
Optics and Spectroscopy (English translation of Optika i Spektroskopiya), vol.112, no.6, pp.864-867, 2012 (SCI-Expanded)
- V. **Sensitive spectrofluorimetric method of analysis for gabapentin in pure and pharmaceutical preparations**
Ulu S. T., Kel E.
Chinese Journal of Chemistry, vol.29, no.3, pp.562-566, 2011 (SCI-Expanded)
- VI. **Highly sensitive determination and validation of gabapentin in pharmaceutical preparations by HPLC with 4-Fluoro-7-Nitrobenzofurazan derivatization and fluorescence detection**
Ulu S. T., Kel E.
Journal of Chromatographic Science, vol.49, no.6, pp.417-421, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Highly sensitive carboxyl group fluorimetric derivatization HPLC analysis for rosuvastatin content in tablets**

ÇAĞLAR ANDAÇ S., TOKER S., ERGİN KIZILÇAY G., ÖZDEMİR E.

Istanbul Journal of Pharmacy, vol.54, 2024 (ESCI)

- II. **Determination of chlorpheniramine enantiomers in pharmaceutical formulations by HPLC on chiral column with PDA detection**

ERENSOY G., TAŞKIN D., ÖZGÜL ARTUÇ G., ÖZDEMİR E., ÖZKIRIMLI S.

İstanbul Journal of Pharmacy, vol.50, 2020 (Peer-Reviewed Journal)

- III. **Determination of sultamicillin in bulk and pharmaceutical preparations via derivatization with NBD-Cl by spectrophotometry**

ÖZDEMİR E., TAŞKIN D., SUNGUR S.

İstanbul Journal of Pharmacy, vol.50, no.1, pp.1-5, 2020 (Peer-Reviewed Journal)

- IV. **Development and validation of first and zero order derivative spectrophotometric methods for the determination of rilmenidine in pharmaceutical preparations and forced degradation study**

Karasakal A., ÖZDEMİR E.

Marmara Pharmaceutical Journal, vol.23, no.3, pp.457-464, 2019 (Scopus)

- V. **Spectrophotometric determination of mirtazapine in pure and tablet pharmaceutical preparation**

ÖZDEMİR E., Ulu S. T., ÜNAL D. Ş.

Journal of Pharmacy of Istanbul University, vol.42, no.2, pp.77-82, 2012 (Scopus)

Books

- I. **ANALİTİK KİMYA**

SUNGUR S., TAŞKIN D., ÖZDEMİR E.

İstanbul Yeni Yüzyıl Üniversitesi Yayınları, İstanbul, 2017

- II. **analitik kimya**

SUNGUR S., TAŞKIN D., ÖZDEMİR E.

İstanbul Yeni Yüzyıl Üniversitesi Yayınları, İstanbul, 2017

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **DEVELOPMENT OF GREEN HPLC METHOD FOR THE DETERMINATION OF LIDOCAINE HYDROCHLORIDE IN INJECTABLE FORMULATION**

ÖZDEMİR E., DİNÇ ZOR Ş.

III. INTERNATIONAL KORKUT ATASCIENTIFIC RESEARCH CONFERENCE, 22 - 24 November 2024, (Summary Text)

- II. **Türkiye’de satılan göz farı ve ruj kozmetik ürünlerinin bileşiminde bulunan kurşun ve kadmiyumun Grafit fırın Atomik absorpsiyon Spektrofotometrisi (GFAAS) ile tayini**

ÖZDEMİR E., Nergis A. Y.

10.Kozmetik kimyası Kongresi, Antalya, Turkey, 21 February 2020, (Summary Text)

- III. **Klorfeniramin Enantiyomerlerinin Amiloz tris-(3,5-dimetilfenilkarbamat) Kiral Kolonda Ayrımı ve Farmasötik Preparatlarda Miktar Tayini**

ERENSOY G., TAŞKIN D., ÖZGÜL ARTUÇ G., ÖZDEMİR E., ÖZKIRIMLI S.

9. Ulusal Analitik Kimya Kongresi, Konya, Turkey, 19 - 23 September 2018, (Summary Text)

- IV. **spectrophotometric determination of cefpodoxime proxetil in pure and pharmaceutical preparations**

ÖZDEMİR E.

8th black sea basin conference on analytical chemistry, İstanbul, Turkey, 9 - 11 May 2018, (Summary Text)

- V. **Determination of Cefpodoxime proxetil in Pure and Pharmaceutical Preparations with spectrophotometer**

ÖZDEMİR E., ALBAYRAK M., ŞENOL O.

3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, Baku, Azerbaijan, 10 - 13 September 2017, (Summary Text)

- VI. **Development and validation of sensitive spectrophotometric method for the determination of rilmenidine in pure and pharmaceutical preparations**
ÖZDEMİR E., KARASAKAL A.
III. International Turkish Congress on Molecular Spectroscopy, 26 - 29 August 2017, (Summary Text)
- VII. **Forced degradation study on rilmenidine by first order derivative spectrophotometric method**
ÖZDEMİR E., KARASAKAL A.
III. International Turkish Congress on Molecular Spectroscopy, 26 - 29 August 2017, (Summary Text)
- VIII. **Determination of Cefpodoxime Proxetil Derivatized with NBD-Cl in Pharmaceutical Preparations**
ALBAYRAK M., ÖZDEMİR E., ŞENOL O.
3rd International Turkic World Conference on Chemical Science and Technologies, 10 - 13 September 2017, (Summary Text)
- IX. **Optimization and validation of the highly sensitive HPLC method for the determination of galantamine in human plasma and urine through derivatization with 5-(dimethylamino) naphthalene-1-sulfonyl chloride using fluorescence detector**
ÖZDEMİR E., ULU S.
5. ilaç kimyası kongresi, Turkey, 30 March - 02 April 2017, (Summary Text)
- X. **Spektrofluorimetrik Yöntem İle Farmasötik Preparatlarda Galantamin Miktar Tayini**
ÖZDEMİR E., ULU S.
15.ulusal spektroskopi kongresi, Turkey, 17 - 19 May 2017, pp.27, (Summary Text)
- XI. **Kozmetik Ürünlerin Güvenilirliği**
ÖZDEMİR E., SUNGUR S., Ekmekçi S. s., Ekmekçi S. s.
6. Bilim Günleri, İstanbul, Turkey, 08 May 2017, (Summary Text)
- XII. **Piyasada pazarlanan bitkisel ürünlerde fosfodiesteraz-5 inhibitörü ilaç etken maddelerinin varlığının ve miktarlarının belirlenmesi ve halk sağlığı yönünden değerlendirilmesi**
ÖZDEMİR E., sungur s.
3. uluslararası ilaç ve eczacılık kongresi, 26 - 29 April 2017, pp.472, (Summary Text)
- XIII. **Piyasada pazarlanan bitkisel ürünlerde fosfodiesteraz-5 inhibitörü ilaç etken maddelerinin varlığının ve miktarlarının belirlenmesi ve halk sağlığı yönünden değerlendirilmesi**
ÖZDEMİR E., SUNGUR S., UZUN H., babadoğan P.
3. uluslararası ilaç ve eczacılık kongresi, İstanbul, Turkey, 26 April 2017, (Summary Text)
- XIV. **Development and Validation of Sensitive Spectrophotometric Method for the Determination of Sultamicillin Tosylate Dihydrate in Pure and Pharmaceutical Preparations**
ÖZDEMİR E., TAŞKIN D., sungur s.
4.ilaç kimyası Kongresi, Aydın, Turkey, 16 March 2016 - 20 March 2017, pp.17, (Summary Text)

Funded Projects

Ulu S., Özdemir E., Project Supported by Higher Education Institutions, Spektrofluorimetrik Yöntem İle Gabapentin Tayini ve Farmasötik Preparatlara Uygulanması, 2010 - 2011

Metrics

Publication: 27

Citation (Scopus): 56

H-Index (Scopus): 4