

Res. Asst. Ümmügülsüm POLAT KORKUNÇ

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, Turkey 2018 - Continues

Postgraduate, Yildiz Technical University, Fen Edebiyat Fakültesi, Kimya/Biyokimya, Turkey 2015 - 2018

Undergraduate, Balikesir University, Fen Edebiyat Fakültesi, Kimya, Turkey 2009 - 2013

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, FLORESANS ÖMÜR DAĞILIMI KULLANILARAK POLIAKRİLİK ASİT- TRİPSİN KONJUGATI VE SERBEST TRİPSİNİN PROTEOLİTİK AKTİVİTESİNDEKİ DEĞİŞİMLERİN İNCELENMESİ, Yıldız Teknik Üniversitesi, Kimya/Biyokimya, 2017

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sensitive and accurate determination of oil-soluble and water-soluble organosulfur compounds in garlic matrix using reversed phase-high performance liquid chromatography,**
Polat Korkunç Ü., Zaman B. T., Bakırdere S., Karakuş E.
TURKISH JOURNAL OF CHEMISTRY, no.2, pp.281-288, 2024 (SCI-Expanded)
- II. **Analysis of hydrolytic differences of free and "polyacrylic acid (PAAc)-conjugated trypsin and chymotrypsin" by using fluorescence lifetime distributions**
Polat Ü., Özyiğit İ. E., Karakuş E.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.50, pp.717-722, 2020 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **DETERMINATION OF OIL SOLUBLE AND WATER SOLUBLE ORGANOSULPHUR COMPOUNDS IN GARLIC**

MATRIX BY USING ACCURATE/SENSITIVE REVERSED PHASE HPLC

Polat Korkunç Ü., Zaman B. T., Bakırdere S., Karakuş E.

4th International Environmental Chemistry Congress, Antalya, Turkey, 31 October - 02 November 2022, pp.59-60

II. Determination of total carbohydrate and total protein of Kastamonu Taşköprü garlic bulb

Polat Korkunç Ü., Karakuş E.

International Biotechnology Congress, İstanbul, Turkey, 9 - 11 September 2021, pp.149-150

III. Çinko Oksit Nanorod ve Hyaluronik Asit Temelli Glukoz Biyosensörü Hazırlanması

Tokgöz D., Polat Ü., KARAKUŞ E.

8. Ulusal Kimya Öğrenci Kongresi, İstanbul, Turkey, 16 May 2017, pp.19

IV. Tripsin Ve Kimotripsin'in Poliakrilik Asit Konjugatlarının PM-BSA Kompleksi Floresans Ömür Dağılımı Üzerine Etkileri

Polat Ü., Özyiğit İ. E., KARAKUŞ E.

8. Ulusal Kimya Öğrenci Kongresi, İstanbul, Turkey, 16 May 2017, pp.11

V. Effects of PAA-Chymotrypsin Conjugate on Fluorescence Lifetime Distributions of PM-BSA Complex

Amer S., Polat Ü., Özyiğit İ. E., KARAKUŞ E.

International Conference on Advances in Science and Arts Istanbul-2017, İstanbul, Turkey, 29 March 2017, pp.34

VI. Fluorescence Lifetime Distribution Changes of "N-(1-Pyrenyl) Maleimide (PM)-Bovine Serum Albumin (BSA); PM-BSA" Complex by the Proteolytic Effects of Free And Polyacrylic Acid (PAA)-Conjugated Trypsin

Polat Ü., Özyiğit İ. E., KARAKUŞ E.

International Conference on Advances in Science and Arts Istanbul-2017, İstanbul, Turkey, 29 March 2017, pp.12

Supported Projects

KARAKUŞ E., ÇAKIR KOÇ R., POLAT KORKUNÇ Ü., Çalık H., Project Supported by Higher Education Institutions, Ülkemiz Kaynaklı Doğal Organosülfür Bileşiklerinin Kanser İyileştirici Etkileri, 2021 - 2023

Metrics

Publication: 11

Citation (Scopus): 8

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