

Res. Asst. PhD ENGİN KOÇAK

Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Analitik Kimya, Turkey 2011 - 2017

Post Graduate, Hacettepe Üniversitesi, Fen Fakültesi, Kimya, Turkey 2006 - 2009

Foreign Languages

English, C1 Advanced

Dissertations

Post Graduate, DEVELOPMENT AND CONTROL OF RADIATION-INDUCED CONDUCTIVITY IN

POLYANILINE/CHLORALHYDRATE COMPOSITES, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2009

Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Analytical Chemistry, Chemistry, Analytical Chemistry, Chromatographic Analysis, Mass Spectroscopy, Molecular Mass Spectroscopy, Sample preparation, Spectroscopical Methods, Natural Sciences

Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2012 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Metabolomics and proteomics profiles of some medicinal plants and correlation with BDNF activity**
Gonulalan E. M. , NEMUTLU E., Bayazeid O., KOÇAK E., Yalcin F. N. , DEMİREZER L. Ö.
PHYTOMEDICINE, vol.74, 2020 (Journal Indexed in SCI)
- II. **Analysis of the Antiproliferative Effect of Ankaferd Hemostat on Caco-2 Colon Cancer Cells via LC/MS Shotgun Proteomics Approach**
KOÇAK E., ÇELEBİER M., HAZNEDAROĞLU İ. C. , ALTINÖZ S.
BIOMED RESEARCH INTERNATIONAL, vol.2019, 2019 (Journal Indexed in SCI)
- III. **Determination of Rivaroxaban in Human Plasma by Solid-Phase Extraction-High Performance Liquid Chromatography**
ÇELEBİER M., REÇBER T., KOÇAK E., ALTINÖZ S., KIR S.
JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.54, pp.216-220, 2016 (Journal Indexed in SCI)
- IV. **EVALUATION OF A CAPILLARY ELECTROPHORESIS METHOD FOR ROUTINE DETERMINATION OF**

VARENICLINE TARTRATE IN QUALITY-CONTROL LABORATORIES

ÇELEBİER M., KOÇAK E., Altinoz S.

MACEDONIAN JOURNAL OF CHEMISTRY AND CHEMICAL ENGINEERING, vol.34, pp.267-275, 2015 (Journal Indexed in SCI)

V. **RP-HPLC method development and validation for estimation of rivaroxaban in pharmaceutical dosage forms**

ÇELEBİER M., REÇBER T., KOÇAK E., ALTINÖZ S.

BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.49, pp.359-366, 2013 (Journal Indexed in SCI)

VI. **Validation of Spectrophotometric Method to Quantify Veranicline Content in Tablets**

KOÇAK E., ÇELEBİER M., ALTINÖZ S.

ASIAN JOURNAL OF CHEMISTRY, vol.25, pp.1845-1848, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **Liquid-liquid extraction and ultrafiltration based sample preparation technique for Q-TOF LC/MS analysis of non-polar metabolites in human plasma samples**

KOÇAK E., KAPLAN O., ÇELEBİER M.

Journal of Research in Pharmacy, vol.24, pp.38-43, 2020 (Journal Indexed in ESCI)

II. **Evaluation of regular UPLC/MS system for experimental and clinical proteomics**

KOÇAK E., ALTINÖZ S.

JOURNAL OF RESEARCH IN PHARMACY, vol.24, pp.582-592, 2020 (Journal Indexed in ESCI)

III. **Metabolic response of Escherichia coli to subinhibitory concentration of ofloxacin**

KOÇAK E., ÖZKUL KOÇAK C.

JOURNAL OF RESEARCH IN PHARMACY, vol.24, pp.593-601, 2020 (Journal Indexed in ESCI)

IV. **Investigating the physicochemical properties of phenazopyridine hydrochloride using high-performance liquid chromatography and UV-visible spectrophotometry**

ÇELEBİER M., KOÇAK E., DOĞAN A., Altinoz S., Basci N. E.

JOURNAL OF RESEARCH IN PHARMACY, vol.22, pp.528-535, 2018 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Comparison of different sample preparation techniques on human plasma samples for Q-TOF LC/MS based metabolite profiling**

ÇELEBİER M., KAPLAN O., KOÇAK E.

Euroanalysis 2019, İstanbul, Turkey, 1 - 05 July 2019

II. **Comparison of Metabolite Extraction Techniques for LC/MS Based Metabolomics on Human Blood Plasma**

KAPLAN O., KOÇAK E., ÇELEBİER M.

International Multidisciplinary Symposium on Drug Research Development - DRD 2019, Malatya, Turkey, 1 - 03 July 2019

III. **THE INTEGRATED PROTEOMICS AND METABOLOMICS ANALYSIS OF ESCHERICHIA COLI UNDER OFLOXACIN STRESS**

KOÇAK E., ÖZKUL KOÇAK C.

International Multidisciplinary Symposium on Drug Research and Development, 1 - 03 July 2019

IV. **Is It Possible To Use Pooled Plasma Samples For Large-Scale Human Metabolomic Studies? A Comparison Of The Metabolite Profiles Of Pooled Plasma Samples With Random Individual Samples Using Q-TOF LC/MS**

ÇELEBİER M., KAPLAN O., OZEL Ş., ÜSTÜN Y., KOÇAK E.

1st International Congress on Analytical and Bioanalytical Chemistry, Antalya, Turkey, 27 - 30 March 2019

- V. **A Metabolomic Study to Investigate the Effect of Folate Conjugated Nanoparticles on Triple Negative Breast Cancer Cells**
ERCAN A., ÇELEBİER M., varol ı., KAPLAN O., Varan G., ÖNCÜL S., KOÇAK E., BİLENSOY E.
EUFEPS Annual Meeting 2019 PERSONALIZED MEDICINES,TARGETED THERAPIES,PRECISION DRUG DELIVERY, 6 - 08 March 2019
- VI. **HPLC Determination of Epirubicin in Nanoparticulate Drug Delivery System**
Gençer A., Duraloğlu C., Koçak E., Çelebier M., Arica Yegin B.
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018
- VII. **GENOMIC AND METABOLOMIC STUDIES OF POLYCATIONIC AMPHIPHILIC CYCLODEXTRIN NANOPARTICLES ON HEPG2 CELL LINE**
ERCAN A., ÇELEBİER M., Varan G., ÖNCÜL S., KOÇAK E., KAPLAN O., BİLENSOY E.
EUFEPS Annual Meeting 2018 Crossing Barriers for Future Medicines, 24 - 26 May 2018
- VIII. **Determination of Rosuvastatin Calcium-Bovine Serum Albumin Complex Formation Constant Using UV- Visible Spectroscopy**
DOĞAN A., KOÇAK E., ALTINÖZ S., BAŞCI N. E.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- IX. **ACIDITY DISSOCIATION CONSTANT DETERMINATION OF GABAPENTIN BY POTENTIOMETRIC METHODS**
Zeki Ö. C. , DOĞAN A., KOÇAK E., SÜSLÜ İ.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- X. **Fibroblast growth factor-antisense overexpression in medial prefrontal cortex regulates anxiety-like behaviour in rats**
KOÇAK E., Hokelekli F. O. , Karatas-Kursun H., Yemisci M., DALKARA T.
30th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Paris, France, 2 - 05 September 2017, vol.27
- XI. **New Standard Flow UPLC Method for Identification of CaCo2 Cell Line Proteome**
KOÇAK E., ÇELEBİER M., BİBEROĞLU K., TACAL Ö., ALTINÖZ S.
10 Aegean Analytical Chemistry Days, 26 September - 02 October 2016
- XII. **Investigation of the Physicochemical Properties of Drugs by HPLC and UV Spectrophotometry Using Phenazopyridine HCl as a Model Molecule**
ÇELEBİER M., KOÇAK E., DOĞAN A., ALTINÖZ S., BAŞCI N. E.
30th International Symposium on Chromatography, ISC 2014, Salzburg, Avusturya, 14 - 18 September 2014

Supported Projects

ALTINÖZ S., KOÇAK E., Project Supported by Higher Education Institutions, PROTEOMİK ÇALIŞMALARDA UPLC/MS METODUNUN OPTİMİZE EDİLMESİ VALİDASYONU VE UYGULANMASI, 2017 - 2018

Citations

Total Citations (WOS):36

h-index (WOS):4