

Asst. Prof. Zehra ÜSTÜN

Personal Information

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Research Areas

Chemistry

Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, Atayalvaç Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler Bölümü, 2019 - Continues

Academic and Administrative Experience

University Executive Board Member, Suleyman Demirel University, Atayalvaç Sağlık Hizmetleri Meslek Yüksekokulu, 2019 - Continues

Head of Department, Suleyman Demirel University, Atayalvaç Sağlık Hizmetleri Meslek Yüksekokulu, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determination of Optimum Separation Condition for Some Carbapenem Antibiotics Using RPLC with the Aid of Central Composite Design and Desirability Function**
Gundogan B., ÇUBUK DEMİRALAY E., Daldal Y. D. , ÜSTÜN Z.
CURRENT PHARMACEUTICAL ANALYSIS, vol.13, no.2, pp.100-109, 2017 (Journal Indexed in SCI)
- II. **Measurements of Thermodynamic Acid Dissociation Constants for Three HMG-CoA Reductase Inhibitors by using RPLC and Study of Validation in Pharmaceutical Tablets**
CANSEVEN V., Demiralay E., ÜSTÜN Z., DALDAL Y. D. , Ozkan S. A. , ALSANCAK G.
CURRENT PHARMACEUTICAL ANALYSIS, vol.13, no.1, pp.48-55, 2017 (Journal Indexed in SCI)
- III. **RPLC determination of acid dissociation constants and quantitative estimation for sulfasalazine**
Yilmaz H., ÜSTÜN Z., Demiralay E. C.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.13, no.1, pp.103-110, 2016 (Journal Indexed in SCI)
- IV. **Investigation of thermodynamic acidity constants of some statins with RPLC method**
Talay A., Demiralay E. C. , Daldal Y. D. , ÜSTÜN Z.
JOURNAL OF MOLECULAR LIQUIDS, vol.208, pp.286-290, 2015 (Journal Indexed in SCI)
- V. **Estimation of thermodynamic acidity constants of some penicillinase-resistant penicillins**
Demiralay E. C. , ÜSTÜN Z., Daldal Y. D.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.91, pp.7-11, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Liquid Chromatographic Determination of pKa Value of 1-(2-methylbenzonitrile)-3-**

benzylbenzimidazolium bromide as a Drug Candidate in Acetonitrile-Water Binary Mixtures

Konçe İ., Akkoç S., Üstün Z., Çubuk Demiralay E.

Journal of Research in Pharmacy, vol.26, no.3, pp.655-662, 2022 (Journal Indexed in ESCI)

- II. **An Improved Optimization Study for Determination of Pravastatin in Pharmaceutical Form by Using Reversed Phase Liquid Chromatography Method**
Üstün Z., YAŞAR DOĞAN D., TALAY AYDOĞAN A., ÇUBUK DEMİRALAY E.
Karaelmas Fen ve Mühendislik Dergisi, vol.7, no.2, pp.602-607, 2017 (Refereed Journals of Other Institutions)
- III. **Identification of Penicillinase-Resistant Penicillins in Human Urine by RPLC Method**
ÜSTÜN Z., ÇUBUK DEMİRALAY E., Nane I. D.
EURASIAN JOURNAL OF ANALYTICAL CHEMISTRY, vol.12, no.1, pp.3-13, 2017 (Journal Indexed in ESCI)
- IV. **Simultaneous Quantitative Determination of Imidazole Antimycotics in Human Urine by using RPLC Technique**
ÜSTÜN Z., Cubuk-Demiralay E.
EURASIAN JOURNAL OF ANALYTICAL CHEMISTRY, vol.12, no.6, pp.953-962, 2017 (Journal Indexed in ESCI)
- V. **İlaç Dozaj Formunda Atorvastatin ve Rosuvastatinin kantitatif analizi için RPLC koşullarının optimizasyonu**
ÜSTÜN Z., Talay A., ÇUBUK DEMİRALAY E.
Süleyman Demirel Üniversitesi Fen Edebiyat Fakültesi Fen Dergisi, vol.11, no.1, pp.72-81, 2016 (Other Refereed National Journals)
- VI. **Optimization of RPLC Conditions for Quantitative Analysis of Atorvastatin and Rosuvastatin in Pharmaceutical Dosage Form**
Üstün Z., Talay A., ÇUBUK DEMİRALAY E.
SDU Journal of Science (E-Journal), vol.11, no.1, pp.72-81, 2016 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Reversed Phase Liquid Chromatographic Study of Benazepril Under Stress Conditions**
ÜSTÜN Z., ÇUBUK DEMİRALAY E.
2nd International Health Sciences and Life Congress 2019, 24 - 27 April 2019
- II. **Forced Degradation Behaviour of Bifonazole by Reversed Phase Liquid Chromatographic Method**
ÜSTÜN Z., ÇUBUK DEMİRALAY E.
2nd International Health Sciences and Life Congress 2019, 24 - 27 April 2019
- III. **ANALYSIS OF TETRACYCLINE ANTIBIOTICS IN WASTEWATER SAMPLE USING SOLID PHASE EXTRACTION WITH REVERSED PHASE LIQUID CHROMATOGRAPHY METHOD**
ÇUBUK DEMİRALAY E., Üstün Z., SEÇİLMİŞ CANBAY H., KONÇE İ.
1. INTERNATIONAL HEALTH SCIENCE AND LIFE CONGRESS, 1 - 04 May 2018
- IV. **Quantification and Validation of Bifonazole in Dermatological Formulation with Reversed Phase Liquid Chromatography**
ÇUBUK DEMİRALAY E., Üstün Z.
1. INTERNATIONAL HEALTH SCIENCE AND LIFE CONGRESS, 1 - 05 May 2018
- V. **Quantitative Determination and Validation of Oxiconazole in Topical Cream Formulation by using Reversed Phase Liquid Chromatography**
Üstün Z., ÇUBUK DEMİRALAY E.
I. International Scientific and Vocational Studies Congress, Ürgüp, Turkey, 5 - 08 October 2017
- VI. **Optimization and Validation of RP-HPLC-UV Method for Determination of Sertaconazole in Dermatological Formulation**
Üstün Z., ÇUBUK DEMİRALAY E.
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017
- VII. **Identification of Chromatographic Behaviour in Acetonitrile-Water Binary Mixture for Method**

Optimization of Cinnarizine

Nane İ. D. , Üstün Z., ÇUBUK DEMİRALAY E.

International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21 - 24 September 2017

VIII. Reversed Phase Liquid Chromatographic Determination of Climbazole in Antimycotic Shampoo Product

Üstün Z., ALSANCAK A. G. , ÇUBUK DEMİRALAY E.

I. International Scientific and Vocational Studies Congress, ürgüp, Turkey, 5 - 08 October 2017

IX. Reversed Liquid Chromatographic Determination of Lanoconazole in Human Urine

Üstün Z., ÇUBUK DEMİRALAY E.

International Congress of the New Approaches and Technologies for Sustainable Development, 21 - 24 September 2017

X. Temperature dependent Determination of Dissociation Constants of Three ACE Inhibitors with Reversed Phase Liquid Chromatography

üstün Z., kuzucanlı e., ÇUBUK DEMİRALAY E., nane i. d.

10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016

XI. Experimental Determination for Thermodynamic Protonation Constant of Three Selective Serotonin Reuptake Inhibitors

ÇUBUK DEMİRALAY E., daldal y. d. , ürer f., üstün Z., yılmaz h.

10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016

Activities in Scientific Journals

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Editor, 2019 - Continues

Citations

Total Citations (WOS):21

h-index (WOS):3