



## **Personal Information**

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## **International Researcher IDs**

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Publons / Web Of Science ResearcherID: AAA-3283-2021

ScopusID: 57212584585

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## **Education Information**

Doctorate, Erciyes University, Sağlık Bilimleri Enstitüsü, Analitik Kimya, Turkey 2014 - 2019

Postgraduate, Erciyes University, Sağlık Bilimleri Enstitüsü, Analitik Kimya, Turkey 2012 - 2014

Undergraduate, Erciyes University, Eczacılık Fakültesi, Eczacılık, Turkey 2007 - 2012

## **Foreign Languages**

English, B1 Intermediate

## **Dissertations**

Doctorate, Erciyes University, Sağlık Bilimleri Enstitüsü, 2019

Postgraduate, Sulfaklorpridazin ve Trimetoprim'in Veteriner Formülasyonlarda HPLC ile Eş Zamanlı Tayinleri, Erciyes Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya, 2014

## **Research Areas**

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Analytical Chemistry, Chemistry, Analytical Chemistry, Separation Methods, Chromatographic Analysis, Micro and Semimicro Methods, Spectroscopical Methods, Natural Sciences

## **Academic Titles / Tasks**

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2022 - Continues

Research Assistant, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2012 - 2022

## **Courses**

Kozmetik Ürünlerin analizi , Doctorate, 2023 - 2024  
Laboratuvar Bilgisi ve Güvenliği, Postgraduate, 2023 - 2024  
Kromatografik Ayırma Teknikleri, Undergraduate, 2023 - 2024  
Yüksek basınçlı sıvı kromatografisi ve uygulamaları, Postgraduate, 2023 - 2024  
İlaçlardaki Safsızlıkların Tanımlanması ve Tayini, Undergraduate, 2023 - 2024  
Analitik Kimyada Araştırma Metodolojisi , Postgraduate, 2023 - 2024  
Analitik Kimya I Laboratuvarı, Undergraduate, 2023 - 2024, 2021 - 2022  
Analitik Kimya I, Undergraduate, 2022 - 2023  
Bitirme Projesi II, Undergraduate, 2022 - 2023  
Biyolojik Örneklerde İlaç Analizleri I , Postgraduate, 2023 - 2024  
İlaç Analizlerinde Spektroskopik Yöntemler , Doctorate, 2023 - 2024  
Moleküler Spektroskopi, Postgraduate, 2022 - 2023  
Analitik Kimya II, Undergraduate, 2023 - 2024  
İleri Enstrümental Analiz I, Doctorate, 2022 - 2023  
Adli Eczacılıkta Psikoaktif İlaçlar Ve Analizleri , Postgraduate, 2023 - 2024  
Örnek Hazırlama Teknikleri, Undergraduate, 2023 - 2024  
Bitirme Projesi I, Undergraduate, 2022 - 2023  
Kromatografik Yöntemler , Postgraduate, 2022 - 2023  
Genel Kimya, Undergraduate, 2022 - 2023  
Analitik Kimya II Laboratuvarı, Undergraduate, 2021 - 2022

#### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Sulfonamides linked to sulfonate esters via hydrazone functionality: synthesis, human carbonic anhydrase inhibitory activities, and molecular modeling studies**  
HAN M. İ., GÜNDÜZ M. G., Alçı G., Giovannuzzi S., YUVALI D., Supuran C. T., DOĞAN Ş. D.  
New Journal of Chemistry, vol.47, no.9, pp.4267-4276, 2023 (SCI-Expanded)
- II. **Deep eutectic solvent-based ultrasound-assisted liquid-liquid microextraction of ibuprofen prior to HPLC-UV determination**  
Çidem F., Yuvalı D., Soylak M., Narin İ., Yilmaz E.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2022 (SCI-Expanded)
- III. **Comparison of antioxidant activity and determination of epigallocatechin gallate and trace elements of green tea samples manufactured and exported by Turkey**  
Pasayeva L., Yuvalı D., Köngül Şafak E., Şeker Karatoprak G., Narin İ.  
Bulgarian Chemical Communications, vol.53, no.4, pp.405-411, 2021 (SCI-Expanded)
- IV. **Magnetic solid phase extraction of erythrosine (E127) in pharmaceutical samples with Fe<sub>3</sub>O<sub>4</sub>/C-nanodots hybrid material prior to spectrophotometric analysis**  
Emiroglu E., YUVALI D., SARP G., YILMAZ E., NARİN İ.  
MICROCHEMICAL JOURNAL, vol.170, 2021 (SCI-Expanded)
- V. **An environment-friendly and rapid liquid-liquid microextraction based on new synthesized hydrophobic deep eutectic solvent for separation and preconcentration of erythrosine (E127) in biological and pharmaceutical samples**  
Yuvalı D., Seyhaneyildizi M., Soylak M., Narin İ., Yilmaz E.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.244, 2021 (SCI-Expanded)
- VI. **A new liquid phase microextraction method-based reverse micelle for analysis of dexketoprofen in human plasma by HPLC-DAD**  
YUVALI D., YILMAZ E., NARİN İ.  
Journal of Analytical Science and Technology, vol.11, no.1, 2020 (SCI-Expanded)
- VII. **TiO<sub>2</sub> nanoparticles and C-Nanofibers modified magnetic Fe<sub>3</sub>O<sub>4</sub> nanospheres (TiO<sub>2</sub>@Fe<sub>3</sub>O<sub>4</sub>@C-NF):**

**A multifunctional hybrid material for magnetic solid-phase extraction of ibuprofen and photocatalytic degradation of drug molecules and azo dye**

YILMAZ E., Salem S., SARP G., Aydin S., Sahin K., Korkmaz I., YUVALI D.

Talanta, vol.213, 2020 (SCI-Expanded)

- VIII. **Green synthesis of magnetic carbon nanodot/graphene oxide hybrid material (Fe3O4@C-nanodot@GO) for magnetic solid phase extraction of ibuprofen in human blood samples prior to HPLC-DAD determination**

Yuvalı D., Narin İ., Soylak M., Yılmaz E.

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.179, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Development of in situ gel containing CUR:HP- $\beta$ -CD inclusion complex prepared for ocular diseases: Formulation, characterization, anti-inflammatory, anti-oxidant evaluation and comprehensive release kinetic studies**

Ünal S., Polat H. K., Yuvalı D., Köngül Şafak E.

JOURNAL OF RESEARCH IN PHARMACY, vol.27, no.1, pp.97-119, 2023 (ESCI)

- II. **Simultaneous determination of sulfachloropyridazine and trimethoprim in veterinary formulations by hplc**

Yuvalı D., Narin İ.

Cumhuriyet Science Journal, vol.41, no.1, pp.239-244, 2020 (Peer-Reviewed Journal)

- III. **SEPARATION OF PATENT BLUE V (E131) BY CLOUD POINT EXTRACTION AND DETERMINATION WITH UV-VIS SPECTROPHOTOMETER**

Yuvalı D., Narin İ., Koçak E. G.

Sağlık Bilimleri Dergisi, vol.28, no.3, pp.118-122, 2019 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Photocatalytic degradation with nanoparticles for pharmaceutical compounds and waste**

YUVALI D., YILMAZ E., NARİN İ.

10th International Conference on Materials Science and Nanotechnology for Next Generation, MSNG 2023, Kayseri, Turkey, 27 - 29 September 2023

- II. **Magnetic nanoparticle-based hybrid materials for analysis and separation of antineoplastic drugs**

YUVALI D.

10th International Conference on Materials Science and Nanotechnology for Next Generation, MSNG 2023, Kayseri, Turkey, 27 - 29 September 2023

- III. **Determination of Tamoxifen in Biological Fluids Using Liquid-Phase Microextraction and Liquid Chromatographic Analysis**

YUVALI D., NARİN İ.

33rd International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2023), Ankara, Turkey, 2 - 06 July 2023

- IV. **Quantitative Determination of Sunset Yellow (E-110) In Pharmaceutical Formulations by Micro Plate Spectrophotometry After Extraction with Hydrophobic Deep Eutectic Solvent**

YUVALI D.

33rd International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2023), Ankara, Turkey, 2 - 06 July 2023

- V. **A rapid, simple and new extraction method of Erythrosine (E127) with hydrophobic deep eutectic solvents from pharmaceutical samples**

Yuvalı D., Seyhaneyıldızı M., Yılmaz E., Narin İ.

- Euroanalysis XX, İstanbul, Turkey, 1 - 05 September 2019, pp.401-402
- VI. Solid phase microextraction of ibuprofen in human plasma with a new magnetic carbon dot/graphene oxide hybrid (Fe<sub>3</sub>O<sub>4</sub>@CD@GO) material and determination by HPLC-UV  
Yuvalı D., Yılmaz E., Narin İ.  
Euroanalysis XX, İstanbul, Turkey, 1 - 05 September 2019, pp.81-82
- VII. SUPRAMOLECULAR SOLVENT-BASED LIQUID PHASE MICROEXTRACTION OF DEXKETOPROFEN FROM HUMAN PLASMA AND DETERMINATION BY HPLC-DAD  
Yuvalı D., Yılmaz E., Narin İ.  
International Multidisciplinary Symposium on Drug Research and Development DRD , Malatya, Turkey, 1 - 03 July 2019, pp.417-419
- VIII. Ultrasound Assisted Deep Eutectic Solvent (DES)-Emulsification Liquid-Liquid Microextraction of Ibuprofen in Water and Pharmaceutical Samples  
Fatma Ç., YUVALI D., YILMAZ E., SOYLUK M., NARİN İ.  
International Trace Analysis Congress, 20 - 23 June 2018
- IX. Magnetic Graphene Oxide Modified by Deep Eutectic Solvents as Adsorbents for Solid-Phase Extraction: A Novel Approach Extraction of Dekketoprofen and Paracetamol with HPLC  
YUVALI D., NARİN İ., ŞAHMETLİOĞLU E.  
İvek 2017, 26 - 29 April 2017, pp.483
- X. Separation and determination of Patent Blue V (E131) in pharmaceutical sample by cloud point extraction  
YUVALI D., Koçak E., NARİN İ.  
İVEK 2017, 26 - 29 April 2017, pp.143
- XI. Trimethoprim ve Sülfaklorpridazin içeren Veteriner formülasyonlarda HPLCUV ile etkin madde miktar tayini  
Yuvalı D., Narin İ.  
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Turkey, 1 - 05 September 2014, pp.107

## Supported Projects

YUVALI D., ŞERBETÇİ G., Project Supported by Higher Education Institutions, Sık Kullanılan Antibiyotiklerin Analizi İçin Yeni Kromatografik Yöntem Geliştirilmesi ve Atık Sulardan Fotokatalitik Bozunmaları, 2024 - Continues  
Yuvalı D., Ünal S., Narin İ., Project Supported by Other Official Institutions, Meme Kanseri Tedavisinde Sık Kullanılan Antineoplastik İlaçların Plazma Örneklerinden Ekstraksiyonu ve HPLC ile Miktar Tayini, 2022 - 2024  
NARİN İ., ŞAHMETLİOĞLU E., YUVALI D., Project Supported by Higher Education Institutions, Dekketoprofen ve İbuprofen'in İnsan Plazmasında Yeni Nesil Ekstraksiyon Teknikleri İle Ayrılması ve HPLC ile Tayini, 2016 - 2020

## Metrics

Publication: 22  
Citation (WoS): 110  
Citation (Scopus): 143  
H-Index (WoS): 4  
H-Index (Scopus): 4

## Scholarships

2211- Yurtıcı Doktora Bursu, TUBITAK, 2014 - 2018