

## Assoc. Prof. RÜSTEM KEÇİLİ

### Personal Information

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### International Researcher IDs

ScholarID: gzYxicEAAAAJ

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Publons / Web Of Science ResearcherID: AAI-2143-2019

ScopusID: 15026694500

Yoksis Researcher ID: 220648

### Education Information

Doctorate, Universitaet Dortmund, Fakultät für Chemie, Germany 2009 - 2013

Postgraduate, Anadolu University, FEN BİLİMLERİ ENSTİTÜSÜ, Analitik Kimya (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Anadolu University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, Turkey 1998 - 2003

### Dissertations

Doctorate, Molecularly imprinted polymers and reactive scavengers in pharmaceutical clean up, Universitaet Dortmund, Fakultät für Chemie, 2013

Postgraduate, Antipirin bazı monolitik kolon geliştirilmesi ve penisilin amidohidrolaz enzimi ayrılmasında kullanımı, Anadolu University, FEN BİLİMLERİ ENSTİTÜSÜ, Analitik Kimya (YI) (Tezli), 2006

### Research Areas

Environmental Chemistry, Nanotechnology, Polymeric Materials, Nanomaterials, Food Chemistry, Biomolecules, Environmental Pollution, Separation Methods, Chromatographic Analysis, Protein Chemistry, Functional Polymers, nanocomposites, New Technologies in Polymer Chemistry

### Academic Titles / Tasks

Associate Professor, Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU, TIBBİ HİZMETLER VE TEKNİKLER BÖLÜMÜ, 2019 - Continues

Lecturer, Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU, TIBBİ HİZMETLER VE TEKNİKLER BÖLÜMÜ, 2018 - 2019

Expert, Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU, TIBBİ HİZMETLER VE TEKNİKLER BÖLÜMÜ, 2014 - 2018

Researcher, The University of Manchester, School of Chemical Engineering and Analytical Science, United Kingdom, 2016 - 2017

Researcher, 2009 - 2013

## Academic and Administrative Experience

Head of Department, Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU, TIBBİ HİZMETLER VE TEKNİKLER BÖLÜMÜ, 2022 - Continues

Quality Coordinator, Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU, TIBBİ HİZMETLER VE TEKNİKLER BÖLÜMÜ, 2021 - Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU, TIBBİ HİZMETLER VE TEKNİKLER BÖLÜMÜ, 2021 - Continues

Yüksekokul Yönetim Kurulu Üyesi, Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU, TIBBİ HİZMETLER VE TEKNİKLER BÖLÜMÜ, 2020 - Continues

Yüksekokul Akademik Kurul Üyesi, Anadolu University, YUNUS EMRE SAĞLIK HİZMETLERİ MESLEK YÜKSEKOKULU, TIBBİ HİZMETLER VE TEKNİKLER BÖLÜMÜ, 2020 - Continues

Anadolu University, 2020 - Continues

## Courses

Tıbbi Atık ve Çevre, Undergraduate, 2024 - 2025

Temel Kimya, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Temel Biyokimya, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Besin Kimyası, Undergraduate, 2022 - 2023, 2021 - 2022

Gıda Teknolojisi, Undergraduate, 2022 - 2023, 2021 - 2022

Duyusal Analiz, Undergraduate, 2022 - 2023, 2021 - 2022

Laboratuvar Güvenliği, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

## Jury Memberships

Doctoral Examination, Doctoral Examination, Pamukkale Üniversitesi, June, 2023

Doctoral Examination, Doctoral Examination, Eskişehir Teknik Üniversitesi, June, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Teknik Üniversitesi, June, 2023

Post Graduate, Post Graduate, Eskişehir Teknik Üniversitesi, January, 2022

Post Graduate, Post Graduate, Eskişehir Teknik Üniversitesi, January, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Teknik Üniversitesi, January, 2022

Post Graduate, Post Graduate, Eskişehir Teknik Üniversitesi, August, 2021

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

- I. **Nano-engineered eco-friendly materials for food safety: Chemistry, design and sustainability**  
KEÇİLİ R., Hussain G., Hussain C. M.  
Food Chemistry, vol.465, 2025 (SCI-Expanded)
- II. **A review on recent advances of AI-integrated microfluidics for analytical and bioanalytical applications**  
Asadian E., Bahramian F., Siavashy S., Movahedi S., KEÇİLİ R., Hussain C. M., Ghorbani-Bidkorpeh F.  
TrAC - Trends in Analytical Chemistry, vol.181, 2024 (SCI-Expanded)
- III. **Fluorescent nanosensors based on green carbon dots (CDs) and molecularly imprinted polymers (MIPs) for environmental pollutants: Emerging trends and future prospects**  
Keçili R.  
TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.40, pp.213, 2023 (SCI-Expanded)
- IV. **Synthesis and Evaluation of Molecularly Imprinted Nanoparticles for Detection and Quantification of**

## **Zolpidem In Human Plasma**

Landi B., Kobarfard F., Banan K., KEÇİLİ R., Ghorbani-Bidkorbeh F.  
CHEMISTRYSELECT, vol.8, no.43, 2023 (SCI-Expanded)

- V. **Emerging trends in green carbon dots coated with molecularly imprinted polymers for sensor platforms**  
KEÇİLİ R., Hussain C. G., Hussain C. M.  
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.166, 2023 (SCI-Expanded)
- VI. **White analytical chemistry approaches for analytical and bioanalytical techniques: Applications and challenges**  
Hussain C. M., Hussain C. G., KEÇİLİ R.  
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.159, 2023 (SCI-Expanded)
- VII. **Conductive Polymer-Based Nanocomposites as Powerful Sorbents: Design, Preparation and Extraction Applications**  
CANPOLAT G., DOLAK İ., KEÇİLİ R., Hussain C. G., Amiri A., Hussain C. M.  
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.53, no.7, pp.1419-1432, 2023 (SCI-Expanded)
- VIII. **Environmental impacts of post-consumer plastic wastes: Treatment technologies towards eco-sustainability and circular economy**  
Chawla S., Varghese B. S., Chithra A., Hussain C. G., KEÇİLİ R., Hussain C. M.  
CHEMOSPHERE, vol.308, 2022 (SCI-Expanded)
- IX. **Microporous metal-organic frameworks: Synthesis and applications**  
Ahmadi M., Ebrahimnia M., Shahbazi M., KEÇİLİ R., Ghorbani-Bidkorbeh F.  
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.115, pp.1-11, 2022 (SCI-Expanded)
- X. **Greenness of lab-on-a-chip devices for analytical processes: Advances & future prospects**  
Agrawal A., YILDIZ Ü. Y., Hussain C. G., Kailasa S. K., KEÇİLİ R., Hussain C. M.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.219, 2022 (SCI-Expanded)
- XI. **Artificial intelligence-based microfluidic platforms for the sensitive detection of environmental pollutants: Recent advances and prospects**  
Pouyanfar N., Harofte S. Z., Soltani M., Siavashy S., Asadian E., Ghorbani-Bidkorbeh F., Kecili R., Hussain C. M.  
TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.34, 2022 (SCI-Expanded)
- XII. **Nano-sized magnetic core-shell and bulk molecularly imprinted polymers for selective extraction of amiodarone from human plasma**  
Banan K., Ghorbani-Bidkorbeh F., Afsharara H., Hatamabadi D., Landi B., KEÇİLİ R., Sellergren B.  
ANALYTICA CHIMICA ACTA, vol.1198, 2022 (SCI-Expanded)
- XIII. **MIP-based extraction techniques for the determination of antibiotic residues in edible meat samples: Design, performance & recent developments**  
Banan K., Hatamabadi D., Afsharara H., Mostafiz B., Sadeghi H., Rashidi S., Beirami A. D., Shahbazi M., KEÇİLİ R., Hussain C. M., et al.  
TRENDS IN FOOD SCIENCE & TECHNOLOGY, vol.119, pp.164-178, 2022 (SCI-Expanded)
- XIV. **Molecularly imprinted polymer-carbon paste electrode (MIP-CPE)-based sensors for the sensitive detection of organic and inorganic environmental pollutants: A review**  
Mostafiz B., Bigdeli S. A., Banan K., Afsharara H., Hatamabadi D., Mousavi P., Hussain C. M., KEÇİLİ R., Ghorbani-Bidkorbeh F.  
TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.32, 2021 (SCI-Expanded)
- XV. **Molecularly imprinted polymer embedded-cryogels as selective genotoxic impurity scavengers**  
Sumbelli Y., KEÇİLİ R., HÜR D., ERSÖZ A., Say R.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.56, no.18, pp.3066-3078, 2021 (SCI-Expanded)
- XVI. **Functionalized magnetic nanoparticles as powerful sorbents and stationary phases for the extraction and chromatographic applications**  
KEÇİLİ R., Ghorbani-Bidkorbeh F., DOLAK İ., CANPOLAT G., KARABÖRK M., Hussain C. M.  
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.143, 2021 (SCI-Expanded)
- XVII. **Green miniaturized technologies in analytical and bioanalytical chemistry**

- Agrawal A., KEÇİLİ R., Ghorbani-Bidkorbeh F., Hussain C. M.  
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.143, 2021 (SCI-Expanded)
- XVIII. **Development of molecular imprinting-based smart cryogels for selective recognition and separation of serum cytochrome-c as a biochemical indicator**  
CANPOLAT G., DOLAK İ., Onat R., KEÇİLİ R., BAYSAL Z., ZİYADANOĞULLARI B., ERSÖZ A., Say R.  
PROCESS BIOCHEMISTRY, vol.106, pp.112-119, 2021 (SCI-Expanded)
- XIX. **Controllable Synthesis of Polymeric Micelles by Microfluidic Platforms for Biomedical Applications: A Systematic Review**  
Ahmadi M., Siavashy S., Ayyoubzadeh S. M., KEÇİLİ R., Ghorbani-Bidkorbeh F.  
IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, vol.20, no.2, pp.229-240, 2021 (SCI-Expanded)
- XX. **Determination of Potential Genotoxic Impurity, 5-Amino-2-Chloropyridine, in Active Pharmaceutical Ingredient Using the HPLC-UV System**  
SOYSEVEN M., KEÇİLİ R., Aboul-Enein H. Y., ARLI G.  
JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.59, no.3, pp.241-245, 2021 (SCI-Expanded)
- XXI. **Selective Recognition and Separation of Ubiquitin by Nanoparticle Embedded Cryogel Traps with Ubiquitin Memories Based on Photosensitive Covalent Imprinting**  
DOLAK İ., KEÇİLİ R., Yilmaz F., ERSÖZ A., Say R.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.76, no.2, pp.165-171, 2021 (SCI-Expanded)
- XXII. **Emerging Metal-Organic Framework Nanomaterials for Cancer Theranostics**  
Asadian E., Ahmadi M., KEÇİLİ R., Ghorbani-Bidkorbeh F.  
CANCER NANOTHERANOSTICS, VOL. 1, pp.231-274, 2021 (SCI-Expanded)
- XXIII. **Functionalized nanomaterials in dispersive solid phase extraction: Advances & prospects**  
BÜYÜKTİRYAKI S., KEÇİLİ R., Hussain C. M.  
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.127, 2020 (SCI-Expanded)
- XXIV. **A novel lanthanide-chelate based molecularly imprinted cryogel for purification of hemoglobin from blood serum: An alternative method for thalassemia diagnosis**  
DOLAK İ., CANPOLAT G., Onat R., KEÇİLİ R., BAYSAL Z., ZİYADANOĞULLARI B., ERSÖZ A., Say R.  
PROCESS BIOCHEMISTRY, vol.91, pp.189-196, 2020 (SCI-Expanded)
- XXV. **Sampling and Sample preparation techniques for environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.75-119, 2020 (SCI-Expanded)
- XXVI. **Modern age of analytical chemistry: nanomaterials**  
BÜYÜKTİRYAKI S., KEÇİLİ R., Hussain C. M.  
HANDBOOK OF NANOMATERIALS IN ANALYTICAL CHEMISTRY: MODERN TRENDS IN ANALYSIS, pp.29-40, 2020 (SCI-Expanded)
- XXVII. **Historical backgrounds of environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.37-57, 2020 (SCI-Expanded)
- XXVIII. **Wet chemical techniques in environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.121-131, 2020 (SCI-Expanded)
- XXIX. **Analysis of environmental samples**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.253-276, 2020 (SCI-Expanded)
- XXX. **Modern Environmental Analysis Techniques for Pollutants Preface**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, 2020 (SCI-Expanded)
- XXXI. **Quality assurance and control for environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.323-341, 2020 (SCI-Expanded)
- XXXII. **Micro total analysis systems with nanomaterials**

- KEÇİLİ R., BÜYÜKTİRYAKI S., Hussain C. M.  
HANDBOOK OF NANOMATERIALS IN ANALYTICAL CHEMISTRY: MODERN TRENDS IN ANALYSIS, pp.185-198,  
2020 (SCI-Expanded)
- XXXIII. **The use of magnetic nanoparticles in sample preparation devices and tools**  
KEÇİLİ R., Buyuktiryali S., DOLAK İ., Hussain C. M.  
HANDBOOK OF NANOMATERIALS IN ANALYTICAL CHEMISTRY: MODERN TRENDS IN ANALYSIS, pp.75-95, 2020  
(SCI-Expanded)
- XXXIV. **Membrane applications of nanomaterials**  
KEÇİLİ R., BÜYÜKTİRYAKI S., Hussain C. M.  
HANDBOOK OF NANOMATERIALS IN ANALYTICAL CHEMISTRY: MODERN TRENDS IN ANALYSIS, pp.159-182,  
2020 (SCI-Expanded)
- XXXV. **Imprinted Materials: From Green Chemistry to Sustainable Engineering**  
KEÇİLİ R., Yılmaz E., ERSÖZ A., Say R.  
SUSTAINABLE NANOSCALE ENGINEERING: FROM MATERIALS DESIGN TO CHEMICAL PROCESSING, pp.317-350,  
2020 (SCI-Expanded)
- XXXVI. **Dimensions and measurement of environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.59-73, 2020 (SCI-Expanded)
- XXXVII. **Emerging techniques for environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.223-251, 2020 (SCI-Expanded)
- XXXVIII. **Separation techniques for environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.163-198, 2020 (SCI-Expanded)
- XXXIX. **Future of environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.381-398, 2020 (SCI-Expanded)
- XL. **Environmental pollution and environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.1-36, 2020 (SCI-Expanded)
- XLI. **Electrochemical techniques for environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.199-222, 2020 (SCI-Expanded)
- XLII. **Sustainable development and environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.343-379, 2020 (SCI-Expanded)
- XLIII. **Use of nanomaterials for environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.277-322, 2020 (SCI-Expanded)
- XLIV. **Spectroscopic techniques for environmental analysis**  
Hussain C. M., KEÇİLİ R.  
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.133-161, 2020 (SCI-Expanded)
- XLV. **Advancement in bioanalytical science through nanotechnology: Past, present and future**  
KEÇİLİ R., BÜYÜKTİRYAKI S., Hussain C. M.  
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.110, pp.259-276, 2019 (SCI-Expanded)
- XLVI. **Molecularly imprinted affinity cryogels for the selective recognition of myoglobin in blood serum**  
DOLAK İ., KEÇİLİ R., Onat R., ZİYADANOĞULLARI B., ERSÖZ A., Say R.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1174, pp.171-176, 2018 (SCI-Expanded)
- XLVII. **Ion imprinted cryogel-based supermacroporous traps for selective separation of cerium(III) in real samples**  
KEÇİLİ R., DOLAK İ., ZİYADANOĞULLARI B., Ersoz A., Say R.

- JOURNAL OF RARE EARTHS, vol.36, no.8, pp.857-862, 2018 (SCI-Expanded)
- XLVIII. **Concanavalin A photocross-linked affinity cryogels for the purification of horseradish peroxidase**  
KEÇİLİ R., ÇELİKOĞLU U., MİL S., ERSÖZ A., SAY R.  
ADSORPTION SCIENCE & TECHNOLOGY, vol.36, no.3-4, pp.1199-1212, 2018 (SCI-Expanded)
- XLIX. **Selective Recognition of Myoglobin in Biological Samples Using Molecularly Imprinted Polymer-Based Affinity Traps**  
KEÇİLİ R.  
INTERNATIONAL JOURNAL OF ANALYTICAL CHEMISTRY, vol.2018, 2018 (SCI-Expanded)
- L. **Engineered Nanosensors Based on Molecular Imprinting Technology**  
KEÇİLİ R., BUYULTIRYAKI S., HUSSAIN C. M.  
HANDBOOK OF NANOMATERIALS FOR INDUSTRIAL APPLICATIONS, pp.1031-1046, 2018 (SCI-Expanded)
- LI. **Recent Progress of Imprinted Nanomaterials in Analytical Chemistry**  
KEÇİLİ R., HUSSAIN C. M.  
INTERNATIONAL JOURNAL OF ANALYTICAL CHEMISTRY, vol.2018, 2018 (SCI-Expanded)
- LII. **Valorisation of agricultural waste with an adsorption/nanofiltration hybrid process: from materials to sustainable process design**  
DIDASKALOU C., BÜYÜKTİRYAKI S., KEÇİLİ R., FONTE C. P., SZEKELY G.  
GREEN CHEMISTRY, vol.19, no.13, pp.3116-3125, 2017 (SCI-Expanded)
- LIII. **Molecular Imprinting Technology in Quartz Crystal Microbalance (QCM) Sensors**  
EMİR DİLTEMİZ S., KEÇİLİ R., ERSÖZ A., SAY R.  
SENSORS, vol.17, no.3, 2017 (SCI-Expanded)
- LIV. **Long-term stability and reusability of molecularly imprinted polymers**  
KUPAI J., RAZALI M., BÜYÜKTİRYAKI S., KEÇİLİ R., SZEKELY G.  
POLYMER CHEMISTRY, vol.8, no.4, pp.666-673, 2017 (SCI-Expanded)
- LV. **Design and Preparation of Nano-Lignin Peroxidase (NanoLiP) by Protein Block Copolymerization Approach**  
TAY T., KOSE E., KEÇİLİ R., SAY R.  
POLYMERS, vol.8, no.6, 2016 (SCI-Expanded)
- LVI. **Ion-imprinted polymers for selective recognition of neodymium(III) in environmental samples**  
DOLAK I., KEÇİLİ R., HÜR D., ERSÖZ A., SAY R.  
Industrial and Engineering Chemistry Research, vol.54, no.19, pp.5328-5335, 2015 (SCI-Expanded)
- LVII. **Utilizing the cross-reactivity of MIPs**  
YILMAZ E., BILLING J., NILSSON C., BOYD B., KEÇİLİ R., NIVHED D., AXELSSON S., REES A.  
Advances in Biochemical Engineering/Biotechnology, vol.150, pp.162-182, 2015 (SCI-Expanded)
- LVIII. **4-Aminophenyl boronic acid modified gold platforms for influenza diagnosis**  
EMİR DİLTEMİZ S., ERSÖZ A., HÜR D., KEÇİLİ R., SAY R.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.33, no.2, pp.824-830, 2013 (SCI-Expanded)
- LIX. **New synthesis method for 4-MAPBA monomer and using for the recognition of IgM and mannose with MIP-based QCM sensors**  
EMİR DİLTEMİZ S., HÜR D., KEÇİLİ R., ERSÖZ A., SAY R.  
ANALYST, vol.138, no.5, pp.1558-1563, 2013 (SCI-Expanded)
- LX. **Investigation of synthetic lipase and its use in transesterification reactions**  
KEÇİLİ R., SAY R., ERSÖZ A., HÜR D., DENİZLİ A.  
POLYMER, vol.53, no.10, pp.1981-1984, 2012 (SCI-Expanded)
- LXI. **A novel nanoprotein particle synthesis: Nanolipase**  
SAY R., KEÇİLİ R., BİCEN O., SISMAN F. Y., HÜR D., DENİZLİ A., ERSOZ A.  
PROCESS BIOCHEMISTRY, vol.46, no.8, pp.1688-1692, 2011 (SCI-Expanded)
- LXII. **Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses**  
KEÇİLİ R., OZCAN A. A., ERSÖZ A., HÜR D., DENİZLİ A., SAY R.  
JOURNAL OF NANOPARTICLE RESEARCH, vol.13, no.5, pp.2073-2079, 2011 (SCI-Expanded)

- LXIII. **Purification of penicillin acylase through a monolith column containing methacryloyl antipyrine**  
KEÇİLİ R., Say R., Ersoz A., Yuvuz H., Denizli A.  
SEPARATION AND PURIFICATION TECHNOLOGY, vol.55, no.1, pp.1-7, 2007 (SCI-Expanded)
- LXIV. **Synthesis and characterization of pseudo-affinity ligand for penicillin acylase purification**  
KEÇİLİ R., Say R., Yavuz H.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.39, no.4-5, pp.250-255, 2006 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Cevherden Flotasyon Yöntemiyle Baritin Zenginleştirilmesi**  
DOLAK İ., KEÇİLİ R.  
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, 2023 (Peer-Reviewed Journal)
- II. **Moleküler Baskılanmış Polimerlerin Yeşil Yönleri ve Çevresel Uygulamaları**  
KEÇİLİ R., YILDIZ Ü. Y.  
Adana Alparslan Türkeş Bilim ve Teknoloji Üniversitesi, no.5, pp.60-73, 2022 (Peer-Reviewed Journal)
- III. **Eskişehir Bastnasit Cevherinde Bulunan Lantanın Zenginleştirilmesi**  
Dolak İ., Keçili R.  
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, vol.13, no.1, pp.79-85, 2022 (Peer-Reviewed Journal)
- IV. **Mannose Imprinted Affinity Cryogels for Immunoglobulin G Binding**  
KEÇİLİ R.  
Hacettepe Journal of Biology and Chemistry, vol.47, no.1, pp.7-15, 2019 (Peer-Reviewed Journal)
- V. **Removal of Acid Blue 294 AB294 dye from aqueous solutions by using lichen Umbilicaria decussata biomass**  
TAY T., KEÇİLİ R.  
BIOLOGICAL DIVERSITY AND CONSERVATION, vol.9, no.3, pp.189-197, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Green Imprinted Materials: From Design to Environmental and Food Applications**  
Hussain C. M., Keçili R. (Editor)  
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- II. **Evaluation of controlled release from piroxicam-loaded chitosan microspheres synthesized by different methods**  
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- III. **Development of HPLC-DAD and HPLC-ELSD based analytical methods for the analysis of potentially genotoxic impurity 2-aminopyridine in pharmaceutical compounds**  
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- IV. **Moleküler Baskılama Temelli Afinite Kriyojelleri İle İlaçlardan Potansiyel Genotoksik Safsızlıkların Uzaklaştırılması**  
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- X. **Preparation of a New Lanthanide-Chelate Cross-Linked, Myoglobin (Mb) Imprinted Affinity Cryogel for Selective Recognition of Myoglobin (Mb) in Blood Serums and Determination of Myoglobin (Mb) by UV-VIS-Near Infrared Spectroscopy (UV-VIS-NIR'S)**  
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- XI. **Moleküler baskılanmış polimerlerin yapay enzim uygulamaları**  
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