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International Researcher IDs

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

ScopusID: 15026694500

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Education Information

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

Postgraduate, Anadolu University, Fen Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Anadolu University, Fen Fakültesi, Kimya Bölümü, Turkey 1998 - 2003

Dissertations

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

Postgraduate, Antipirin bazlı monolitik kolon geliştirilmesi ve penisilin amidohidrolaz enzimi ayrılmasında kullanımı, Anadolu University, Fen Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 2006

Research Areas

Chemistry

Academic Titles / Tasks

Associate Professor, Anadolu University, Yunus Emre Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler Bölümü, 2019 - Continues

Lecturer, Anadolu University, Yunus Emre Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler Bölümü, 2018 - 2019

Expert, Anadolu University, Yunus Emre Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler Bölümü, 2014 - 2018

Academic and Administrative Experience

Anadolu University, 2020 - Continues

- I. **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)
- II. **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)
- III. **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)
- IV. **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)
- V. **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)
- VI. **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, 2022 (SCI-Expanded)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)

- XV. **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)
- XVI. **Emerging Metal-Organic Framework Nanomaterials for Cancer Theranostics**
Asadian E., Ahmadi M., KEÇİLİ R., Ghorbani-Bidkorpbeh F.
CANCER NANOTHERANOSTICS, VOL. 1, pp.231-274, 2021 (SCI-Expanded)
- XVII. **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)
- XVIII. **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)
- XIX. **Emerging techniques for environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.223-251, 2020 (SCI-Expanded)
- XX. **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)
- XXI. **Imprinted Materials: From Green Chemistry to Sustainable Engineering**
KEÇİLİ R., Yilmaz E., ERSÖZ A., Say R.
SUSTAINABLE NANOSCALE ENGINEERING: FROM MATERIALS DESIGN TO CHEMICAL PROCESSING, pp.317-350, 2020 (SCI-Expanded)
- XXII. **Quality assurance and control for environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.323-341, 2020 (SCI-Expanded)
- XXIII. **Sustainable development and environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.343-379, 2020 (SCI-Expanded)
- XXIV. **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)
- XXV. **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)
- XXVI. **Spectroscopic techniques for environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.133-161, 2020 (SCI-Expanded)
- XXVII. **Dimensions and measurement of environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.59-73, 2020 (SCI-Expanded)
- XXVIII. **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)

- XXIX. **Separation techniques for environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.163-198, 2020 (SCI-Expanded)
- XXX. **Environmental pollution and environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.1-36, 2020 (SCI-Expanded)
- XXXI. **Modern Environmental Analysis Techniques for Pollutants Preface**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, 2020 (SCI-Expanded)
- XXXII. **Electrochemical techniques for environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.199-222, 2020 (SCI-Expanded)
- XXXIII. **Analysis of environmental samples**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.253-276, 2020 (SCI-Expanded)
- XXXIV. **Future of environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.381-398, 2020 (SCI-Expanded)
- XXXV. **Historical backgrounds of environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.37-57, 2020 (SCI-Expanded)
- XXXVI. **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)
- XXXVII. **Wet chemical techniques in environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.121-131, 2020 (SCI-Expanded)
- XXXVIII. **Use of nanomaterials for environmental analysis**
Hussain C. M., KEÇİLİ R.
MODERN ENVIRONMENTAL ANALYSIS TECHNIQUES FOR POLLUTANTS, pp.277-322, 2020 (SCI-Expanded)
- XXXIX. **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)
- XL. **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)
- XLI. **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)
- XLII. **Concanavalin A photocross-linked affinity cryogels for the purification of horseradish peroxidase**
KEÇİLİ R., ÇELİKOĞLU U., Mil S., ERSÖZ A., Say R.
ADSORPTION SCIENCE & TECHNOLOGY, vol.36, no.3-4, pp.1199-1212, 2018 (SCI-Expanded)
- XLIII. **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)
- XLIV. **Recent Progress of Imprinted Nanomaterials in Analytical Chemistry**
KEÇİLİ R., Hussain C. M.
INTERNATIONAL JOURNAL OF ANALYTICAL CHEMISTRY, vol.2018, 2018 (SCI-Expanded)
- XLV. **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)

- XLVI. **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)
- XLVII. **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)
- XLVIII. **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)
- XLIX. **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)
- L. **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)
- LI. **Utilizing the cross-reactivity of MIPs**
Yilmaz E., Billing J., Nilsson C., Boyd B., KEÇİLİ R., Nivhede D., Axelsson S., Rees A.
Advances in Biochemical Engineering/Biotechnology, vol.150, pp.162-182, 2015 (SCI-Expanded)
- LII. **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)
- LIII. **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)
- LIV. **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)
- LV. **A novel nanoprotein particle synthesis: Nanolipase**
Say R., KEÇİLİ R., Bicen O., Sisman F. Y., Hur D., DENİZLİ A., Ersoz A.
PROCESS BIOCHEMISTRY, vol.46, no.8, pp.1688-1692, 2011 (SCI-Expanded)
- LVI. **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)
- LVII. **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)
- LVIII. **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. **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)

II. **Eskişehir Bastnasit Cevherinde Bulunan Lantanın Zenginleştirilmesi**

DOLAK İ., KEÇİLİ R.

Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, 2022 (Peer-Reviewed Journal)

III. **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)

IV. **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. **Molecularly imprinted polymers (MIPs) for biomedical applications**

KEÇİLİ R., ÜNLÜER Ö., SAY R., ERSÖZ A.

in: Biomedical Polymers and Polymeric Composites: Trends and Applications, Kunal Pal, Sarika Verma, Pallab Datta, Ananya Barui, SAR Hashmi, Avanish Kumar Srivastava, Editor, Elsevier, pp.675-704, 2022

II. **TÜRKİYE'DE BULUNAN NÜKLEER ENERJİ KAYNAKLARININ EKONOMİYE KAZANDIRILMASI VE TORYUM GERÇEĞİ**

DOLAK İ., KEÇİLİ R.

in: Farklı Yaklaşımlarla Enerji Kaynakları, Orhan KAVAK Yusuf Kenan HASPOLAT, Editor, Orient Yayınevi-Ankara, pp.131-144, 2022

III. **Corrosion Applications of Nanomaterials (NMs)**

KEÇİLİ R., HUSSAIN C. G., HUSSAIN C. M.

in: Anticorrosive Nanomaterials: Future Perspectives, Chandrabhan Verma, Chaudhery Mustansar Hussain, Eno Ebenso, Editor, Royal Society of Chemistry (RSC), pp.1-14, 2022

IV. **MXenes and their composites: emerging materials for gas sensing and biosensing**

Kumar R., Deshmukh K., Kennedy L. J., KEÇİLİ R., HUSSAIN C. M., Kesarla M. K., Pasha S. K.

in: Mxenes and their Composites, Kishor Kumar Sadasivuni, S.K.Khadheer Pasha, Kalim Deshmukh, Tomáš Kovářík, Editor, Elsevier, pp.241-279, 2022

V. **Sample Preparation with Conductive Polymers**

CANPOLAT G., DOLAK İ., HUSSAIN C. G., KEÇİLİ R., HUSSAIN C. M.

in: Conductive Polymers in Analytical Chemistry, Amirhasssan Amiri and Chaudhery Mustansar Hussain, Editor, American Chemical Society (ACS), pp.119-140, 2022

VI. **Synthesis of Core-Shell Magnetic Nanoparticles**

BÜYÜKTİRYAKI S., KEÇİLİ R., BİRLİK ÖZKÜTÜK E., ERSÖZ A., SAY R.

in: Handbook of Magnetic Hybrid Nanoalloys and their Nanocomposites, Sabu Thomas, Amirsadegh Rezazadeh Nochehdehi, Editor, Springer, pp.65-106, 2022

VII. **Synthesis of Core-Shell Magnetic Nanoparticles**

BÜYÜKTİRYAKI S., KEÇİLİ R., BİRLİK ÖZKÜTÜK E., ERSÖZ A., SAY R.

in: Handbook of Magnetic Hybrid Nanoalloys and their Nanocomposites, Sabu Thomas, Amirsadegh Rezazadeh Nochehdehi, Editor, Springer Cham, Gewerbestrasse, pp.65-106, 2022

VIII. **Sample Preparation with Nanomaterials: Next Generation Techniques and Applications**

HUSSAIN C. M., KEÇİLİ R., HUSSAIN C. G.

Wiley, 2021

IX. **Future of smartphone-based analysis**

KEÇİLİ R., Ghorbani-Bidkorbeh F., ALTINTAŞ A., Hussain C. M.

in: Smartphone-Based Detection Devices, Chaudhery Mustansar Hussain, Editor, ELSEVIER, pp.417-429, 2021

- X. **Molecular Imprinting-Based Smart Nanosensors for Pharmaceutical Applications**
KEÇİLİ R., DENİZLİ A.
in: Molecular Imprinting for Nanosensors and Other Sensing Applications, Prof. Dr. Adil Denizli, Editor, Elsevier, pp.19-43, 2021
- XI. **Micro total analysis systems with nanomaterials**
KEÇİLİ R., BÜYÜKTİRYAKI S., Hussain C. M.
in: Handbook of Nanomaterials in Analytical Chemistry, Chaudhery Mustansar Hussain, Editor, Elsevier, pp.185-195, 2020
- XII. **Future of Modern Age of Analytical Chemistry: Nano-Miniaturization**
ÜNLÜER Ö., Ghorbani Bidkorbeh F., KEÇİLİ R., HUSSAIN C. M.
in: Handbook on Miniaturization in Analytical Chemistry, Chaudhery Mustansar Hussain, Editor, Elsevier, pp.277-296, 2020
- XIII. **Modern age of analytical chemistry: nanomaterials**
BÜYÜKTİRYAKI S., KEÇİLİ R., Hussain C. M.
in: Handbook of Nanomaterials in Analytical Chemistry, Chaudhery Mustansar Hussain, Editor, Elsevier, pp.29-37, 2020
- XIV. **The use of magnetic nanoparticles in sample preparation devices and tools**
KEÇİLİ R., BÜYÜKTİRYAKI S., DOLAK İ., Hussain C. M.
in: Handbook of Nanomaterials in Analytical Chemistry, Chaudhery Mustansar Hussain, Editor, Elsevier, pp.75-90, 2020
- XV. **Membrane applications of nanomaterials**
KEÇİLİ R., BÜYÜKTİRYAKI S., Hussain C. M.
in: Handbook of Nanomaterials in Analytical Chemistry, Chaudhery Mustansar Hussain, Editor, Elsevier, pp.159-182, 2020
- XVI. **Modern Environmental Analysis Techniques for Pollutants**
KEÇİLİ R., HUSSAIN C. M.
Elsevier, 2019
- XVII. **Molecularly imprinted polymer based micro- and nanotraps for solid phase extraction**
SAY R., KEÇİLİ R., ERSÖZ A.
in: Advanced Molecular Imprinting Materials, Ashutosh Tiwari and Lokman Uzun, Editor, Wiley-Scrivener, pp.129-164, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of controlled release from piroxicam-loaded chitosan microspheres synthesized by different methods**
BÜYÜKTİRYAKI S., KEÇİLİ R., SOYSEVEN M., ARLI G.
SCIX 2019 presented by Federation of Analytical Chemistry and Spectroscopy Societies, Palm Springs, California, United States Of America, 13 - 18 October 2019
- II. **Simultaneous analysis of 5-amino-2-chloropyridine and Tenoxicam using HPLC-DAD and HPLC-ELSD systems**
ARLI G., SOYSEVEN M., KEÇİLİ R.
SciX 2019 presented by Federation of Analytical Chemistry and Spectroscopy Societies, 13 - 18 October 2019
- 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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