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Kişisel Bilgiler

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

ScopusID: 15026694500

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Eğitim Bilgileri

Doktora, Universitaet Dortmund, Fakultät für Chemie, Almanya 2009 - 2013

Yüksek Lisans, Anadolu Üniversitesi, Fen Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), Türkiye 2003 - 2006

Lisans, Anadolu Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 1998 - 2003

Yaptığı Tezler

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

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

Araştırma Alanları

Kimya

Akademik Unvanlar / Görevler

Doç.Dr., Anadolu Üniversitesi, Yunus Emre Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler Bölümü, 2019 - Devam Ediyor

Öğretim Görevlisi, Anadolu Üniversitesi, Yunus Emre Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler Bölümü, 2018 - 2019

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

Akademik İdari Deneyim

Anadolu Üniversitesi, 2020 - Devam Ediyor

- 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, cilt.159, 2023 (SCI-Expanded)
- II. **Environmental impacts of post-consumer plastic wastes: Treatment technologies towards eco-sustainability and circular economy**
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- III. **Microporous metal-organic frameworks: Synthesis and applications**
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- IV. **Greenness of lab-on-a-chip devices for analytical processes: Advances & future prospects**
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- V. **Nano-sized magnetic core-shell and bulk molecularly imprinted polymers for selective extraction of amiodarone from human plasma**
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- VI. **Conductive Polymer-Based Nanocomposites as Powerful Sorbents: Design, Preparation and Extraction Applications**
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- VII. **MIP-based extraction techniques for the determination of antibiotic residues in edible meat samples: Design, performance & recent developments**
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- VIII. **Molecularly imprinted polymer embedded-cryogels as selective genotoxic impurity scavengers**
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- IX. **Molecularly imprinted polymer-carbon paste electrode (MIP-CPE)-based sensors for the sensitive detection of organic and inorganic environmental pollutants: A review**
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- 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.
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- XI. **Green miniaturized technologies in analytical and bioanalytical chemistry**
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- XII. **Development of molecular imprinting-based smart cryogels for selective recognition and separation of serum cytochrome-c as a biochemical indicator**
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- XIII. **Controllable Synthesis of Polymeric Micelles by Microfluidic Platforms for Biomedical Applications: A Systematic Review**
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- XIV. **Determination of Potential Genotoxic Impurity, 5-Amino-2-Chloropyridine, in Active Pharmaceutical**

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SOYSEVEN M., KEÇİLİ R., Aboul-Enein H. Y., ARLI G.

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- XV. **Selective Recognition and Separation of Ubiquitin by Nanoparticle Embedded Cryogel Traps with Ubiquitin Memories Based on Photosensitive Covalent Imprinting**
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- XVI. **Emerging Metal-Organic Framework Nanomaterials for Cancer Theranostics**
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- XVII. **Functionalized nanomaterials in dispersive solid phase extraction: Advances & prospects**
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- XVIII. **A novel lanthanide-chelate based molecularly imprinted cryogel for purification of hemoglobin from blood serum: An alternative method for thalassemia diagnosis**
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- XIX. **Emerging techniques for environmental analysis**
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- XX. **Membrane applications of nanomaterials**
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- XXI. **Imprinted Materials: From Green Chemistry to Sustainable Engineering**
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- XXII. **Quality assurance and control for environmental analysis**
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- XXIII. **Sustainable development and environmental analysis**
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- XXIV. **The use of magnetic nanoparticles in sample preparation devices and tools**
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- XXV. **Modern age of analytical chemistry: nanomaterials**
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- XXVI. **Spectroscopic techniques for environmental analysis**
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- XXVII. **Dimensions and measurement of environmental analysis**
Hussain C. M., KEÇİLİ R.
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- XXVIII. **Sampling and Sample preparation techniques for environmental analysis**
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- XXIX. **Separation techniques for environmental analysis**
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- XXX. **Environmental pollution and environmental analysis**
Hussain C. M., KEÇİLİ R.
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- XXXI. **Modern Environmental Analysis Techniques for Pollutants Preface**
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- XXXII. **Electrochemical techniques for environmental analysis**
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- XXXIII. **Analysis of environmental samples**
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- XXXIV. **Future of environmental analysis**
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- XXXV. **Historical backgrounds of environmental analysis**
Hussain C. M., KEÇİLİ R.
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- XXXVI. **Micro total analysis systems with nanomaterials**
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- XXXVII. **Wet chemical techniques in environmental analysis**
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- XXXVIII. **Use of nanomaterials for environmental analysis**
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- XXXIX. **Advancement in bioanalytical science through nanotechnology: Past, present and future**
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- XL. **Molecularly imprinted affinity cryogels for the selective recognition of myoglobin in blood serum**
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- XLI. **Ion imprinted cryogel-based supermacroporous traps for selective separation of cerium(III) in real samples**
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- XLII. **Concanavalin A photocross-linked affinity cryogels for the purification of horseradish peroxidase**
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- XLIII. **Engineered Nanosensors Based on Molecular Imprinting Technology**
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- XLIV. **Recent Progress of Imprinted Nanomaterials in Analytical Chemistry**
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- XLV. **Selective Recognition of Myoglobin in Biological Samples Using Molecularly Imprinted Polymer-**

Based Affinity Traps

KEÇİLİ R.

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- XLVI. **Valorisation of agricultural waste with an adsorption/nanofiltration hybrid process: from materials to sustainable process design**
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- XLVII. **Molecular Imprinting Technology in Quartz Crystal Microbalance (QCM) Sensors**
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- XLVIII. **Long-term stability and reusability of molecularly imprinted polymers**
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- XLIX. **Design and Preparation of Nano-Lignin Peroxidase (NanoLiP) by Protein Block Copolymerization Approach**
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- L. **Ion-imprinted polymers for selective recognition of neodymium(III) in environmental samples**
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- LI. **Utilizing the cross-reactivity of MIPs**
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- LII. **4-Aminophenyl boronic acid modified gold platforms for influenza diagnosis**
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- LIII. **New synthesis method for 4-MAPBA monomer and using for the recognition of IgM and mannose with MIP-based QCM sensors**
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- LIV. **Investigation of synthetic lipase and its use in transesterification reactions**
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- LV. **A novel nanoprotein particle synthesis: Nanolipase**
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- LVI. **Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses**
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- LVII. **Purification of penicillin acylase through a monolith column containing methacryloyl antipyrine**
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- LVIII. **Synthesis and characterization of pseudo-affinity ligand for penicillin acylase purification**
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Diğer Dergilerde Yayınlanan Makaleler

1. **Moleküler Baskılanmış Polimerlerin Yeşil Yönleri ve Çevresel Uygulamaları**

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

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III. **Mannose Imprinted Affinity Cryogels for Immunoglobulin G Binding**

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Kitap & Kitap Bölümleri

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

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

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

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V. **Sample Preparation with Conductive Polymers**

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

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

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

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- X. **Molecular Imprinting-Based Smart Nanosensors for Pharmaceutical Applications**
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- XI. **Micro total analysis systems with nanomaterials**
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- XII. **Future of Modern Age of Analytical Chemistry: Nano-Miniaturization**
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- XIV. **The use of magnetic nanoparticles in sample preparation devices and tools**
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- XVI. **Modern Environmental Analysis Techniques for Pollutants**
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- XVII. **Molecularly imprinted polymer based micro- and nanotraps for solid phase extraction**
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Evaluation of controlled release from piroxicam-loaded chitosan microspheres synthesized by different methods**
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