



شیمی و علوم نفت / شیمی تجزیه

مظاهر احمدی

شماره تماس:

رایانامه: m.ahmadi@basu.ac.ir

وب سایت:

پروفایل علم سنجی:

کتاب

- Potential theranostic targets in glioblastoma
Seyed Mohammad Hossein Dabiri, Tavia Walsh, Amir Barzegar Behrooz, Vinith Yathindranath, Courtney Clark, Samira Aghajani, Mazaher Ahmadi, Tayyebeh Madrakian, Donald W. Miller, Saeid Ghavami
Elsevier, 2023, 9780323998734 شابک
- Quantum Dots in Medical Detection/Diagnosis
Nahid Rezvani-jalal, Fariba Mollarasoui, سینا خلیلی, سروسستانی, محمد رضا جلالی, Sepideh Asadi, Zahra Derakhshan, Tayyebeh Madrakian, Abbas Afkhami, Mazaher Ahmadi
The Royal Society of Chemistry, 2023, 0-714-83916-1-978 شابک
- Analytical Nanochemistry
Abbas Afkhami, Tayyebeh Madrakian, Mazaher Ahmadi
Elsevier, 2023, 4-91741-323-0-978 شابک
- Micro- and Nanotechnology Enabled Applications for Portable Miniaturized Analytical Systems
Sabu Thomas, Mazaher Ahmadi, Tuan Anh Nguyen, Abbas Afkhami, Tayyebeh Madrakian
Elsevier, 2022, 4-823727-12-0-978 شابک
- Analytical Nebulizers
Antonio Canals, Miguel Ángel Aguirre, Mazaher Ahmadi
Elsevier, 2022, 9780323911818 شابک
- Nonconventional applications of nebulizers: Nanomaterials synthesis
Zahra Amouzegar, Fariba Mollarasoui, Sepideh Asadi, علی فتحی, Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
Elsevier, 2022, 9780323911818 شابک
- SILICON-BASED HYBRID NANOPARTICLES: FUNDAMENTALS, PROPERTIES, AND APPLICATIONS
Sabu Thomas, Tuan Anh Nguyen, Mazaher Ahmadi, Gulam Yasin, NIRAV JOSHI
Elsevier, 2022, 6-824007-12-0-978 شابک
- Miniaturization—An introduction to miniaturized analytical devices
Mazaher Ahmadi, Zahra Amouzegar, Sepideh Asadi, Samira Aghajani, Parisa Aryanrad, Abbas Afkhami, Tayyebeh Madrakian, Sabu Thomas, Tuan Anh Nguyen
Elsevier, 2022, 4-823727-12-0-978 شابک
- Spectrometric miniaturized instruments
Zahra Amouzegar, Nahid Rezvani-jalal, Mahdie Kamalabadi, Maryam Abbasi-Tarighat, Abbas Afkhami, Tayyebeh

Madrakian, Sabu Thomas, Tuan Anh Nguyen, Mazaher Ahmadi
Elsevier, 2022, 4-823727-12-0-978 :شابک

■ Smartphone-enabled miniaturized analytical devices

Arash Ghoorchian, Nahid Rezvani-jalal, Mahdie Kamalabadi, Fariba Mollarasoui, مهدي مرادي, Sepideh Asadi, Abbas Afkhami, Tayyebeh Madrakian, Sabu Thomas, Tuan Anh Nguyen, Mazaher Ahmadi
Elsevier, 2022, 4-823727-12-0-978 :شابک

■ Lab-on-a-chip miniaturized analytical devices

Arash Ghoorchian, Mahdie Kamalabadi, Zahra Amouzegar, Nahid Rezvani-jalal, Hazem M. AbuShawish, Salman M. Saadeh, Abbas Afkhami, Tayyebeh Madrakian, Sabu Thomas, Tuan Anh Nguyen, Mazaher Ahmadi
Elsevier, 2022, 4-823727-12-0-978 :شابک

■ Separation miniaturized instruments

Mazaher Ahmadi, Mahdie Kamalabadi, Nahid Rezvani-jalal, سينا خليلي, Sepideh Asadi, Maryam Abbasi-Tarighat, Abbas Afkhami, Tayyebeh Madrakian, Sabu Thomas, Tuan Anh Nguyen
Elsevier, 2022, 4-823727-12-0-978 :شابک

■ Miniaturized bioelectrochemical devices

Arash Ghoorchian, مهدي مرادي, Samira Aghajani, Abbas Afkhami, Tayyebeh Madrakian, Sabu Thomas, Tuan Anh Nguyen, Mazaher Ahmadi
Elsevier, 2022, 4-823727-12-0-978 :شابک

■ Use of Conductive Polymers in Separation/Identification Stage of Analysis

Mahdie Kamalabadi, Arash Ghoorchian, Zahra Amouzegar, محمدرضا جلالی سروسناني, Nahid Rezvani-jalal, Sepideh Asadi, سينا خليلي, Abbas Afkhami, Tayyebeh Madrakian, Mazaher Ahmadi
American Chemical Society, 2022, 9780841297852 :شابک

■ Discrete droplet generation

Mazaher Ahmadi, Miguel Ángel Aguirre
Elsevier, 2022, 9780323911818 :شابک

■ Nanonebulizers

Miguel Ángel Aguirre, Mazaher Ahmadi
Elsevier, 2022, 9780323911818 :شابک

■ Aerosol generation

Fariba Mollarasoui, Sonia Bahrani, Mazaher Ahmadi
Elsevier, 2022, 9780323911818 :شابک

■ An introduction to nebulizers

Mazaher Ahmadi, Miguel Ángel Aguirre, Antonio Canals
Elsevier, 2022, 9780323911818 :شابک

■ Use of Conductive Polymers in Detection Stage of Analysis/Miniaturization Devices

Arash Ghoorchian, Zahra Amouzegar, سينا خليلي, مهدي مرادي, Abbas Afkhami, Tayyebeh Madrakian, Mazaher Ahmadi
American Chemical Society, 2022, 9780841297852 :شابک

■ Nanotechnology-Based E-Noses

Ram K. Gupta, Tuan Anh Nguyen, Muhammad Bilal, Mazaher Ahmadi
Elsevier, 2022, 9780323911573 :شابک

■ Magnetic Nanoparticle-Based Hybrid Materials

Andrea Ehrmann, Tuan Anh Nguyen, Mazaher Ahmadi, Ali Farmani, Phuong Nguyen-Tri
Elsevier, 2021, 8-823688-12-0-978 :شابک

- Application of magnetic nanomaterials in plasmonic sensors
Arash Ghoorchian, Mahdie Kamalabadi, Zahra Amouzegar, Samira Aghajani, Tayyebeh Madrakian, Abbas Afkhami, Mazaher Ahmadi
Elsevier, 2021, 9780128221310 :شابک
 - Magnetic Nanomaterials in Analytical Chemistry
Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
Elsevier, 2021, 9780128221310 :شابک
 - Application of magnetic nanomaterials in magnetic field sensors
Mazaher Ahmadi, Arash Ghoorchian, Mahdie Kamalabadi, Zahra Amouzegar, Tayyebeh Madrakian, Abbas Afkhami
Elsevier, 2021, 9780128221310 :شابک
 - Magnetic Nanoparticle-Based Hybrid Materials
Andrea Ehrmann, Tuan Anh Nguyen, Mazaher Ahmadi, Ali Farmani, Phuong Nguyen-Tri
Elsevier, 2021, 8-823688-12-0-978 :شابک (print)
 - NANOSENSORS FOR SMART MANUFACTURING
Suba Thomas, Tuan Anh Nguyen, Mazaher Ahmadi, Ali Farmani, Gulam Yasin
Elsevier, 2021, 0-823358-12-0-978 :شابک
 - Metal-Organic Frameworks for Biomedical Applications
Arash Ghoorchian, Abbas Afkhami, Tayyebeh Madrakian, Mazaher Ahmadi
Elsevier, 2020, 1-816984-12-0-978 :شابک
 - Stimuli-sensitive drug delivery systems, (Chapter 3 -, Nanoengineered Biomaterials for Advanced Drug Delivery, Mazaher Ahmadi, Tayyebeh Madrakian, Arash Ghoorchian, Mahdie Kamalabadi, Abbas Afkhami
Elsevier, 2020, 5-102985-08-0-978 :شابک
 - Electrochemical synthesis of MOFs, chapter 9, Metal-Organic Frameworks for Biomedical Applications
Arash Ghoorchian, Abbas Afkhami, Tayyebeh Madrakian, Mazaher Ahmadi
Elsevier, 2020, 1-816984-12-0-978 :شابک (print)
 - Nanoengineered Biomaterials for Advanced Drug Delivery
Mazaher Ahmadi, Tayyebeh Madrakian, Arash Ghoorchian, Mahdie Kamalabadi, Abbas Afkhami
Elsevier, 2020, 5-102985-08-0-978 :شابک
- مقدمه ای بر آمار در شیمی تجزیه
عباس افخمی عقدا، طیبہ مدرکیان، مظاہر احمدی
دانشگاه بوعلی سینا، ۱۳۹۹، شابک: ۹۷۸-۶۰۰۱۲۸۳۲۳۹
- Smart Nanocontainers (chapter 11)
Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
Elsevier, 2020, 978-0-12-816770-0 :شابک
 - Smart nanogels in cancer therapy
Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
, 2019, 9780128167700 :شابک
 - Smart Nanocontainers Chapter 15 Smart nanocarriers in glucosetransporters-targeted delivery of anticancer drugs
Sanaz Dastghaib, Abbas Afkhami, Pooneh Mokarram, Tayyebeh Madrakian, Mazaher Ahmadi
Elsevier, 2019, 9780128167700 :شابک

■ طراحی و ساخت یک نورسنج قابل حمل به همراه سیستم تحویل معرف

۱۴۰۰

■ طراحی و ساخت یک اسپکتروفتومتر قابل حمل برای آنالیز در محل

۱۳۹۹

مقالات علمی چاپ شده در مجلات

■ Nanotools for Nanoanalysis and Nanomanipulation: A Review

Mazaher Ahmadi, نرگس باستان, Fatemeh Goharpour, Maedeh Boroon, روژین رادمنش, Sepideh Asadi, Seyed Sepehr Uroomiye, Reyhaneh Amini
Analytical and Bioanalytical Chemistry Research, pp. 247-259, 2024

■ Biosynthesis of palladium, platinum, and their bimetallic nanoparticles using rosemary and ginseng herbal plants: evaluation of anticancer activity

Moloud Alinaghi, Pooneh Mokarram, Mazaher Ahmadi, Farzaneh Bozorg-ghalati
Scientific Reports, 2024

■ On chip synthesis of a pH sensitive gefitinib anticancer drug nanocarrier based on chitosan/alginate natural polymers

Hossein Alizadeh, Mazaher Ahmadi, Omid Heydari Shayesteh
Scientific Reports, 2024

■ On chip synthesis of a pH sensitive gefitinib anticancer drug nanocarrier based on chitosan/alginate natural polymers

Hossein Alizadeh, Mazaher Ahmadi, Omid Heydari Shayesteh
Scientific Reports, 2024

■ Dual stimuli-responsive gelatin-based hydrogel for pH and temperature-sensitive delivery of curcumin anticancer drug

ناهد رضوانی جلال, Abbas Afkhami, Mohammad Reza Moradi, Leila Gholami
Mazaher Ahmadi, Tayyebeh Madrakian, محدثه مهدیان, سهیلا اکبری اسراری
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, 2023

■ Aerosol assisted synthesis of a pH responsive curcumin anticancer drug nanocarrier using chitosan and alginate natural polymers

Sepideh Asadi, Tayyebeh Madrakian, Mazaher Ahmadi, Miguel Ángel Aguirre, Abbas Afkhami, Seyed Sepehr Uroomiye, Fatemeh Ghaffari, Akram Ranjbar
Scientific Reports, 2023

■ Determination of 2,4,6-Trinitrotoluene in Soil Samples Using a Paired Emitter-Detector Diode-Based Photometer

فاطمه قبادی سرشت, Mazaher Ahmadi, سینا خلیلی, Mohsen Majidi
Analytical and Bioanalytical Chemistry Research, pp. 149-157, 2023

■ A Review of Recent Advances in Peptide-Based Anticancer Therapeutic Vaccines and Nanovaccines in Prostate Cancer

Ali Khezrian, Mazaher Ahmadi, Pooneh Mokarram, Saeid Afshar, Yasin Parvizi
International Journal of Peptide Research and Therapeutics, 2023

■ A paired emitter–detector diode-based photometer for the determination of sodium hypochlorite adulteration in milk

نرگس باستان, Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami, سینا خلیلی, Mohsen Majidi, Mohammad Reza Moradi
Scientific Reports, 2023

■ Rhabdomyosarcoma: Current Therapy, Challenges, and Future Approaches to Treatment Strategies

Ali Zarrabi, d p, Mahboubeh Kavooosi, Micah Sommer, Serap Sezen, Parvaneh Mehrbod, Bhavya Bhushan, Filip Machaj, Jakub Rosik, Philip Kawalec, Saba Afifi, Seyed Mohammadreza Bolandi, Peiman Koleini, Mohsen Taheri, Tayyebeh Madrakian, Marek J. Los, Benjamin Lindsey, Nilufer Cakir, Atefeh Zarepour,

■ **A multi-nebulizer-based aerosol-assisted system for the synthesis of magnetic iron mixed metal oxides nanoparticles (MFe₂O₄, M= Fe²⁺, Ni²⁺, Mn²⁺, Co²⁺, Zn²⁺)**

علي فتحي, Mazaher Ahmadi, Tayyeb Madrakian, Abbas Afkhami, Sepideh Asadi
CHEMICAL PAPERS, pp. 6933-6946, 2023

■ **Magnetic Biosorbents for Wastewater Treatment**

Mazaher Ahmadi, Samira Aghajani, Mohsen Majidi, Hesam Al-Din Hojjat Shamami
Analytical and Bioanalytical Chemistry Research, pp. 1-14, 2023

■ **Ni/Co Bimetallic Metal–Organic Frameworks on Nitrogen-Doped Graphene Oxide Nanoribbons for Electrochemical Sensing of Doxorubicin**

ناهيد رضواني جلال, Tayyeb Madrakian, Abbas Afkhami, Mazaher Ahmadi
ACS Applied Nano Materials, pp. 11048-11055, 2022

■ **Enhancing autophagy in Alzheimer's disease through drug repositioning**

Saeid Afshar, Shahrokh Lorzadeh, ناهيد رضواني جلال, Ryan West, Benedict C. Albensi, Marek J. Los, Saeid Ghavami, Stevan Pecic, Pooneh Mokarram, Tayyeb Madrakian, Mehdi Eshraghi, Sanaz Dastghaib, Amir Mahmoodzadeh, Seyed Reza Naeimi Torshizi, Mazaher Ahmadi, Aida Adlimoghaddam, Somayeh Igder
PHARMACOLOGY & THERAPEUTICS, pp. 108171-108198, 2022

■ **Biodegradable and Non-Biodegradable Biomaterials and Their Effect on Cell Differentiation**

Rency Geevarghese, Seyede Sara Sajjadi, Andrzej Hudecki, ناهيد رضواني جلال, Samad Sajjadi, Tayyeb Madrakian, Mazaher Ahmadi, Małgorzata K. Włodarczyk-Biegun, Saeid Ghavami, Wirginia Likus, Krzysztof Siemianowicz, Marek J. Los
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, pp. 16185-16221, 2022

■ **Epigenetic regulation of autophagy in gastrointestinal cancers**

Mazaher Ahmadi, Sanaz Dastghaib, Mehrban Erfani, مهسا دربندی, Morvarid Siri, Sara Darbandi, Omid Vakili, Pooneh Mokarram, Mozhddeh Zamani, Saeid Ghavami, Beniamin Oskar Grabarek, Dariusz Boron', Maryam Zarghooni, Emilia Wiechec
BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE, pp. 166512-166532, 2022

■ **Wearable Potentiometric Sensor Based on Na_{0.44}MnO₂ for Noninvasive Monitoring of Sodium Ions in Sweat**

Arash Ghoorchian, Mahdie Kamalabadi, Tayyeb Madrakian, Abbas Afkhami, Hasan Bagheri, Mazaher Ahmadi, Hosein Khoshshafar, مهدي مرادي
ANALYTICAL CHEMISTRY, pp. 2263-2270, 2022

■ **Autophagy, Unfolded Protein Response, and Neuropilin-1 Cross-Talk in SARS-CoV-2 Infection: What Can Be Learned from Other Coronaviruses**

Morvarid Siri, Sanaz Dastghaib, Mozhddeh Zamani, Nasim Rahmani-Kukia, Kiarash Roustai Geraylow, Shima Fakher, Fatemeh Keshvarzi, Parvaneh Mehrbod, Mazaher Ahmadi, Pooneh Mokarram, Kevin M Coombs, Saeid Ghavami
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 2021

■ **Magnetic nanomaterials in analytical chemistry**

Antonio Canals, Mazaher Ahmadi
TALANTA, 2021

■ **Emerging Advances of Nanotechnology in Drug and Vaccine Delivery against Viral Associated Respiratory Infectious Diseases (VARID)**

Amir Seyfoori, Mahdieh Shokrollahi Barough, Pooneh Mokarram, Mazaher Ahmadi, Parvaneh Mehrbod, Alireza Sheidary, Tayyeb Madrakian, Mohammad Kiumarsi, Tavia Walsh, Kielan D. McAlinden, Chandra C. Ghosh, Pawan Sharma, Amir A. Zeki, Saeid Ghavami, محسن اکبري
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 2021

■ **Magnetic Nanomaterials in Microfluidic Sensors for Virus Detection: A Review**

ناهيد رضواني جلال, Parvaneh Mehrbod, Shahla Shojaei, Hagar Ibrahim Labouta, Pooneh Mokarram, Abbas Afkhami, Tayyeb Madrakian, Marek J. Los, Dedmer Schaafsma, Michael Giersig, Mazaher Ahmadi, Saeid Ghavami
ACS Applied Nano Materials, pp. 4307-4328, 2021

■ **Application of magnetic nanomaterials in electroanalytical methods: A review**

Mazaher Ahmadi, Arash Ghoorchian, Kheibar Dashtian, Mahdie Kamalabadi, Tayyeb Madrakian, Abbas Afkhami
TALANTA, 2021

■ **Statins in patients with COVID-19: aretrospective cohort study in Iranian COVID-19 patients**

Tayyebeh Madrakian, Marek J. Los, Payam Peyman, Tania Dehesh, Farnaz Aligolighasemabadi, Mohammadamin Sadeghdoust, Katarzyna Kotfis, Parvaneh Mehrbod, Pooya Iranpour, Sanaz Dastghaib, Pooneh Mokarram, Mazaher Ahmadi, Saeid Ghavami
Translational Medicine Communications, pp. 1-14, 2021

■ **Self-assembled graphene-based microfibers with eclectic optical properties**

Mahdi Ghamsari, Tayyebeh Madrakian, Abbas Afkhami, Mazaher Ahmadi
Scientific Reports, 2021

■ **Pleiotropic effects of statins: A focus on cancer**

Mazaher Ahmadi, Shayan Amiri, Stevan Pecic, Filip Machaj, Jakub Rosik, Saeid Ghavami, Tayyebeh Madrakian
Biochimica et Biophysica Acta - Molecular Basis of Disease, 2020

■ **Ultrasound-assisted dispersive liquid antisolvent precipitation for extraction of polar organic compounds in water**

سیده زهرا حسینی, Tayyebeh Madrakian, Mazaher Ahmadi, Abbas Afkhami
ANALYTICA CHIMICA ACTA, pp. 91-98, 2020

■ **Preparation and fiharactrization of Simvastatin Nanocapsules: Encapsulation of Hydrophobic Drugs in Calcium Alginate**

Mazaher Ahmadi, Tayyebeh Madrakian, Saeid Ghavami
Methods in Molecular Biology, pp. 47-56, 2020

■ **Betulin and its derivatives as novel compounds with different pharmacological effects**

Shayan Amiri, Sanaz Dastghaib, Mazaher Ahmadi, Parvaneh Mehrbod, Mahdi Ghamsari, Abbas Afkhami, Tayyebeh Madrakian, Saeid Ghavami, Forough Khadem
BIOTECHNOLOGY ADVANCES, 2020

■ **Autophagy and cancer research in Iran**

Pooneh Mokarram, Mazaher Ahmadi, Shahla Shojaei, Saeid Ghavami
Autophagy, pp. 2039-2042, 2019

■ **Reduced graphene oxide as an efficient sorbent in microextraction by packed sorbent: Determination of local anesthetics in human plasma and saliva samples utilizing liquid chromatography-tandem mass spectrometry**

Mazaher Ahmadi, Mohammad mahdi Moein, Tayyebeh Madrakian, Abbas Afkhami, Soleiman Bahar, Mohamed Abdel-Rehim
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, pp. 177-182, 2018

■ **Magnetic solid phase extraction of rizatriptan in human urine samples prior to its spectrofluorimetric determination**

محمد سلیمانی, Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
SENSORS AND ACTUATORS B-CHEMICAL, pp. 1225-1233, 2018

■ **Determination of D-phenylglycine in the presence of its L-enantiomer using a turn-on fluorescent nano-chemosensor**

Mazaher Ahmadi, فرييا فضل, Tayyebeh Madrakian, Abbas Afkhami
TALANTA, pp. 547-551, 2017

■ **Nanomaterials as sorbents for sample preparation in bioanalysis: A review**

Mazaher Ahmadi, Hatem Elmongy, Tayyebeh Madrakian, Mohamed Abdel-Rehim
ANALYTICA CHIMICA ACTA, pp. 1-21, 2017

■ **Magnetic headspace adsorptive extraction of chlorobenzenes prior to thermal desorption gas chromatography-mass spectrometry**

Lorena Vidal, Mazaher Ahmadi, Elena Fernandez, Tayyebeh Madrakian, Antonio Canals
ANALYTICA CHIMICA ACTA, pp. 40-47, 2017

■ **Total sulfur determination in liquid fuels by ICP-OES after oxidation-extraction desulfurization using magnetic graphene oxide**

Mazaher Ahmadi, Miguel Ángel Aguirre, Tayyebeh Madrakian, Abbas Afkhami, Antonio Canals
FUEL, pp. 507-513, 2017

- Solid phase extraction of amoxicillin using dibenzo-18-crown-6 modified magnetic-multiwalled carbon nanotubes prior to its spectrophotometric determination
Tayyebeh Madrakian, Abbas Afkhami, Mazaher Ahmadi
TALANTA, 2016
- Effect of morphine, oxycodone and thebaine on resonance light scattering properties of human serum albumin: Investigation possibility of morphine determination in the presence of the two other drug
Abbas Afkhami, فرييا فضل, Mazaher Ahmadi, Tayyebeh Madrakian
SENSORS AND ACTUATORS B-CHEMICAL, 2016
- Efficient solid phase extraction of codeine from human urine samples using a novel magnetic molecularly imprinted nano adsorbent and its spectrophotometric determination
Tayyebeh Madrakian, فرييا فضل, Mazaher Ahmadi, Abbas Afkhami
NEW JOURNAL OF CHEMISTRY, pp. 122-129, 2016
- Fe₃O₄@Pt/MWCNT/carbon paste electrode for determination of a doxorubicin anticancer drug in a human urine sample
Tayyebeh Madrakian, Khadije Dinmohamadi Asl, Mazaher Ahmadi, Abbas Afkhami
RSC Advances, pp. 72803-72809, 2016
- A sensitive electrochemical sensor for rapid and selective determination of venlafaxine in biological fluids using carbon paste electrode modified with molecularly imprinted polymer-coated magnetite nanoparticles
Tayyebeh Madrakian, رضا هرياني, Mazaher Ahmadi, Abbas Afkhami
Journal of the Iranian Chemical Society, pp. 251-263, 2016
- Application of cysteamine functionalized CdS hollow nanospheres in determination of Cd(II) and Pb(II) in the presence of each other by resonance light scattering technique
Tayyebeh Madrakian, Mazaher Ahmadi, مريم قديري, Abbas Afkhami
Journal of Environmental Chemical Engineering, pp. 3484-3491, 2016
- Magnetic Solid Phase Extraction and Removal of Five Cationic Dyes from Aqueous Solution Using Magnetite Nanoparticle Loaded Platanus orientalis Waste Leaves
Elahe Madrakyan, . . , Mazaher Ahmadi
Analytical and Bioanalytical Chemistry Research, pp. 279-286, 2016
- Selective and Sensitive Electrochemical Determination of Trace Amounts of Mercury Ion in Some Real Samples Using an Ion Imprinted Polymer Nano-Modifier
Abbas Afkhami, Tayyebeh Madrakian, شهر يور, مرتضي سلطاني, Mazaher Ahmadi, حامد قاندي
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, 2016
- Spectrofluorometric determination of venlafaxine in biological samples after selective extraction on the superparamagnetic surface molecularly imprinted nanoparticles
Tayyebeh Madrakian, رضا هرياني, Mazaher Ahmadi, Abbas Afkhami
Analytical Methods, pp. 428-435, 2015
- Solid phase extraction and spectrofluorometric determination of leached bisphenol A from some polycarbonate products under simulated use conditions using surface molecularly imprinted magnetite nanospheres
Tayyebeh Madrakian, Abbas Afkhami, احسان ونايي, Mazaher Ahmadi
Analytical Methods, pp. 6299-6306, 2015
- A new chiral electrochemical sensor for the enantioselective recognition of naproxen enantiomers using L-cysteine self-assembled over gold nanoparticles on a gold electrode
Abbas Afkhami, فاطمه كفشاني, Mazaher Ahmadi, Tayyebeh Madrakian
RSC Advances, pp. 58609-58615, 2015
- Solid phase extraction of doxorubicin using molecularly imprinted polymer coated magnetite nanospheres prior to its spectrofluorometric determination
Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
NEW JOURNAL OF CHEMISTRY, pp. 163-171, 2015

■ **Preconcentration and spectrofluorometric determination of l-tryptophan in the presence of d-tryptophan using a chiral magnetic nanoselector**

Tayyebeh Madrakian, Abbas Afkhami, Habibollah Bagheri, Mazaher Ahmadi
SENSORS AND ACTUATORS B-CHEMICAL, 2015

■ **Chiral magnetic nanospheres resonance light scattering properties studies for selective determination of naproxen and phenylglycine enantiomers**

Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
SENSORS AND ACTUATORS B-CHEMICAL, 2015

■ **Enantioselective solid phase extraction prior to spectrofluorometric determination: a procedure for the determination of naproxen enantiomers in the presence of each other**

Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
RSC Advances, pp. 5450-5457, 2015

■ **Construction a magneto carbon paste electrode using synthesized molecularly imprinted magnetic nanospheres for selective and sensitive determination of mefenamic acid in some real samples.**

Tayyebeh Madrakian, اسماعیل حق شناس, Mazaher Ahmadi, Abbas Afkhami
BIOSENSORS & BIOELECTRONICS, pp. 712-718, 2015

■ **New synthetic mercaptoethylamino homopolymer-modified maghemite nanoparticles for effective removal of some heavy metal ions from aqueous solution**

Tayyebeh Madrakian, Abbas Afkhami, برهان زادپور, Mazaher Ahmadi
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, 2015

■ **Selective extraction and sensitive determination of mercury (II) ions by flame atomic absorption spectrometry after preconcentration on an ion-imprinted polymer-coated maghemite nanoparticles**

Tayyebeh Madrakian, برهان زادپور, Mazaher Ahmadi, Abbas Afkhami
Journal of the Iranian Chemical Society, pp. 1235-1243, 2015

مقالات علمی ارائه شده در همایش‌ها

■ **Determination of hypochlorite in milk using a portable photometer**

نرگس باستان, Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami, سینا خللی, Mohsen Majidi
21 th International Chemistry Congress

■ **A Paired Emitter-Detector Diode-Based Photometer for the Determination of 2,4,6-Trinitrotoluene (TNT) in Soil Samples**

فاطمه قبادی سرشت, Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami, سینا خللی, Mohsen Majidi
21 th International Chemistry Congress

■ **Synthesis of a pH-sensitive Polymer Nanoparticle for Drug Delivery by Aerosol Method**

Sepideh Asadi, Tayyebeh Madrakian, Mazaher Ahmadi, Abbas Afkhami
21 th International Chemistry Congress

■ **Synthesis of a Temperature-Responsive Injectable Hydrogel for the Controlled Delivery of BAMLET Anticancer Drug**

زهره نیک مهر, Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
21 th International Chemistry Congress

■ **Glucose cross-linked temperature-responsive gelatine hydrogel for targeted delivery of curcumin anticancer drug**

محدثه مهدیان, Leila Gholami, Tayyebeh Madrakian, Abbas Afkhami, Mazaher Ahmadi
8th International congress of Nanoscience & Nanotechnology(ICNN2021)

■ **Targeted Delivery of Curcumin Anticancer Drug Using a pH-Responsive Chitosan-Based Nanocarrier**

Mazaher Ahmadi, سهیلا اکبری اسراری, Mohammad Reza Moradi, Abbas Afkhami, Tayyebeh Madrakian
8 th International Conference on Nanostructures

■ Combining the Dispersive Liquid-Liquid Microextraction and the Liquid Antisolvent Precipitation Methods to Develop an Efficient Extraction Method

سیده زهرا حسینی, Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami
26th Iranian conference of Analytical Chemistry

■ Utilization of Magnetic Graphene Oxide as both Catalyst and Adsorbent for Oxidation-Extraction Desulfurization of Kerosene, Diesel and Gasoline

Mazaher Ahmadi, Tayyebeh Madrakian, Abbas Afkhami

■ Determination of Doxorubicin drug using platinum coated magnetic nano particles: Resonance light scattering studies.

خدیجه دین محمدی اصل, Abbas Afkhami, Mazaher Ahmadi, Tayyebeh Madrakian

پایان نامه های کارشناسی ارشد

■ طراحی و ساخت یک تراشه میکروسیال برای سنتز نانو حامل داروی ضد سرطان جفتینیب

حسین علیزاده

۱۴۰۲

■ سنتز نانوداروی جفتینیب به کمک آنروسل با استفاده از سیستم های میکروسیال

نجمه خادم زاده

۱۴۰۲

■ سنتز یک هیدروژل پاسخگو به دما برای رهایش کنترل شده داروی ضد سرطان باملت

زهرا نیک مهر

۱۴۰۱

■ توسعه یک روش برای اندازه گیری در محل تری نیتروتولون (TNT) بر پایه رنگ سنجی

فاطمه قبادی سرشت

۱۴۰۱

■ ارائه یک روش آسان و سریع برای اندازه گیری کلر فعال و هیپوکلریت در شیر بر مبنای رنگ سنجی

نرگس باستان

۱۴۰۱

■ حذف برخی از رنگ های کاتیونی و آنیونی از آب با استفاده از روش رسوب دهی ضد حلال مایع بخشی

لیلا سنگری سلیمانی

۱۴۰۱

■ سنتز یک ایمپلنت حساس به نور و زیست سازگار برای دارورسانی هدفمند کورکومین با کنترل از راه دور

محدثه مهدیان

۱۴۰۰

جوایز و افتخارات

■ جشنواره ملی پایان نامه های سه دقیقه ای پاناسه

