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Education

- B.Sc: SHAHID BEHESHTI UNIVERSITY,

Research Interests

■

Professional Experiences

- , 1396→1400

- , 1395→1396

- , 1391→1395

- , 1386→1391

Books

■ مبانی شیمی تجزیه

جمشید منظوری لشکر، احمد نوزاد، رضا امامعلی سبزی، بیوک حبیبی، سیدسعید سیدحسینی داورانی، مجید سلیمانی، علی مظلومی فر

شابک: ۹۷۸-۶۰۰-۵۹۵۳-۶۷-۱ ، ۱۳۹۴

Journal Papers

- Developing a cube-like nanocomposite integrated into a polymer network as a highly porous and effective electrospun nanofiber for extracting trace quantities of opioid and analgesic drugs in biological fluids

FatemeH sadat Hosseini, Farbod Kharazmi, Seyed saeid Seyed hoseini davarani, Homeira Ebrahimzade mabood
NEW JOURNAL OF CHEMISTRY, Vol.48, 2024

■ **Bimetallic NiCo₂Se₄/Fe₂CoSe₄ chrysanthemum flowers assembled by nanosheets: An efficient electrode material for hybrid supercapacitor applications**

Taraneh Salehi panah, Majid Shirvani, Seyed saeid Seyed hoseini davarani
JOURNAL OF ALLOYS AND COMPOUNDS, Vol.978, 2024

■ **Easy and fast synthesis of MnCo-LDH yolk-shell spheres porous composites applied electrospinning nanofibers highly effective for extracting triazole fungicides**

Fatemeh sadat Hosseini, Farbod Kharazmi, Seyed saeid Seyed hoseini davarani, Homeira Ebrahimzade mabood
FOOD CHEMISTRY, Vol.448, 2024

■ **Advancements in energy storage: Combining hollow iron cobalt selenide spheres with nickel cobalt layered double hydroxide nanosheets**

Maryam Molaei, Maliheh Abdollahi, Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
Journal of Energy Storage, Vol.85, 2024

■ **Development of electrospun nanofibers based on Poly (vinyl alcohol) for thin film solid-phase microextraction of antidepressant drugs in biological samples**

Fatemeh sadat Hosseini, Farbod Kharazmi, Seyed saeid Seyed hoseini davarani, Homeira Ebrahimzade mabood
JOURNAL OF CHROMATOGRAPHY A, Vol.1697, 2023

■ **A hybrid supercapacitor assembled by reduced graphene oxide encapsulated lollipop-like FeNi₂S₄@Co₉S₈ nanoarrays**

Akbar Mohammadi Zardkhoshooi, Bahareh Ameri, Seyed saeid Seyed hoseini davarani
CHEMICAL ENGINEERING JOURNAL, Vol.470, 2023

■ **Designing of the CoFeX (X= Se, P, S) Flower-like Structures on Nickel Foam as Efficient Positive Electrodes for a High-Performance Hybrid Supercapacitor**

Majid Shirvani, Seyed saeid Seyed hoseini davarani
ENERGY and FUELS, Vol.37, pp. 9626-9640, 2023

■ **Engineering raspberry-like CuCo₂S₄@ZnS hollow particles encapsulated with reduced graphene oxide for hybrid supercapacitors**

Bahareh Ameri, Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
Materials Chemistry Frontiers, Vol.7, pp. 3127-3145, 2023

■ **Self -templated construction of hollow trimetallic MnNiCoP yolk-shell spheres assembled with nanosheets as a satisfactory positive electrode material for hybrid supercapacitors**

Majid Shirvani, Seyed saeid Seyed hoseini davarani
Nanoscale, Vol.15, pp. 11115-11130, 2023

■ **Unveiling the potential of nanosheet-based NiTe₂@MnTe hollow nanospheres in hybrid supercapacitor technology**

Dorsa Dehghanpour Farashah, Fatemeh Beigloo, Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
Sustainable Energy and Fuels, Vol.7, pp. 4922-4934, 2023

■ **In situ tellurization strategy for crafting nickel ditelluride/cobalt ditelluride hierarchical nanostructures: A leap forward in hybrid supercapacitor electrode materials**

Maryam Molaei, Golchehreh Rahmati Rostami, Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
JOURNAL OF COLLOID AND INTERFACE SCIENCE, Vol.653, pp. 1683-1693, 2023

■ **Boosting energy storage performance: An exploration of tellurium-based hollow FeNiCoTe nanocubes in hybrid supercapacitors**

Dorsa Dehghanpour Farashah, Fatemeh Beigloo, Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
CHEMICAL ENGINEERING JOURNAL, Vol.474, 2023

■ **Metal-organic framework-derived hollow Co₉S₈ nanotube arrays coupled with porous FeCo-P nanosheets as an efficient electrode material for hybrid supercapacitors**

Kosar Alitabarmansour, Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
Sustainable Energy and Fuels, Vol.7, pp. 2473-2485, 2023

■ **Fabrication of nanosheet-assembled hollow copper-nickel phosphide spheres embedded in reduced graphene oxide texture for hybrid supercapacitors**

Maryam Amiri, Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
Nanoscale, Vol.15, pp. 2806-2819, 2023

■ **Cobalt-molybdenum selenide double-shelled hollow nanocages derived from metal-organic frameworks as high performance electrodes for hybrid supercapacitor**

Maryam Amiri, Seyed saeid Seyed hoseini davarani, Seyyed Ebrahim Moosavifard, fu yong-qing
JOURNAL OF COLLOID AND INTERFACE SCIENCE, Vol.616, pp. 141-151, 2022

■ **Fabrication of hollow MnFe₂O₄ nanocubes assembled by CoS₂ nanosheets for hybrid supercapacitors**

Akbar Mohammadi Zardkhoshooi, Bahareh Ameri, Seyed saeid Seyed hoseini davarani
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■ **Curcumin-Melamine For Solid-Phase Microextraction of Volatile Organic Compounds from Aqueous Samples**

Ali Ahmad Mohammadi, Seyed saeid Seyed hoseini davarani, Mostafa Jafari, Ali Mehdinia
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■ **Bimetallic CoSe₂/FeSe₂ hollow nanocuboids assembled by nanoparticles as a positive electrode material for a high-performance hybrid supercapacitor**

Majid Shirvani, Seyed saeid Seyed hoseini davarani
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■ **One-Step Electrochemical Synthesis of Co_{0.8}Fe_{0.2}Se@NiF Spheres Enclosed with Nanoparticles and Integrated Porous FeSe₂@NiF as Electrode Materials for High-Performance Asymmetric Supercapacitor**

Majid Shirvani, Seyed saeid Seyed hoseini davarani
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■ **A high-performance hybrid supercapacitor by encapsulating binder-less FeCoSe₂ nanosheets@NiCoSe₂ nanoflowers in a graphene network**

Maryam Amiri, Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani, Majid Maghsoudi, Mohammad Kazem Altafi
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■ **MnCoP hollow nanocubes as novel electrode material for asymmetric supercapacitors**

Maryam Amiri, Seyyed Ebrahim Moosavifard, Seyed saeid Seyed hoseini davarani, Saeid Kamari Kaverlavani, Mojtaba Shamsipur
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■ **Formation of graphene encapsulated cobalt-iron phosphide nanoneedles as an attractive electrocatalyst for overall water splitting**

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■ **Preparation and evaluation of a new solid-phase microextraction fiber based on polythionine for analysis of phthalate esters in aqueous samples**

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■ **Hierarchical MnCo₂S₄ nanowires /NiFeLDH nanosheets/graphene - A promising binder - free positive electrode for high - performance supercapacitors**

Ronak Hayati monjoghtapeh, Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
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■ **Gel-electromembrane extraction of peptides Determination of five hypothalamic agents in human plasma samples**

Ahmad Pourahadi, Saeed Nojavan, Seyed saeid Seyed hoseini davarani
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■ **Boosting the energy density of supercapacitors by encapsulating a multi-shelled zinc-cobalt-selenide hollow nanosphere cathode and a yolk-double shell cobalt-iron-selenide hollow nanosphere anode in a graphene network**

Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
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■ **Formation of graphene - wrapped multi - shelled NiGa₂O₄ hollow spheres and graphene - wrapped yolk -shell NiFe₂O₄ hollow spheres derived from metal-organic frameworks for high-performance hybrid supercapacitors**

Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
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■ **Ultra-high energy density supercapacitors based on metal-organic framework derived yolk-shell Cu-Co-P hollow nanospheres and CuFeS₂ nanosheet arrays**

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■ **Cathodic electrodeposition of CdMn₂O₄ nanoplates and evaluation of the charge storage ability**

Hamid Reza Moazami, Seyed saeid Seyed hoseini davarani, Nasrin Ghassemi, Sara Hamed
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, Vol.24, pp. 1231-1238, 2020

■ **A rational design of nanoporous Cu-Co-Ni-Pnanotube arrays and CoFe₂Se₄ nanosheet arrays for flexible solid-state asymmetric devices**

Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani
DALTON TRANSACTIONS, Vol.49, pp. 10028-10041, 2020

■ **Construction of hierarchical nanoporous CuCo₂V₂O₈ hollow spheres as anovel electrode material for high-performance asymmetric supercapacitors**

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■ **Hierarchical FeCo₂S₄ nanosheet arrays for high-performance asymmetric supercapacitors**

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■ **Fabrication of dye-sensitized solar cells based on SnO₂/ZnO composite nanostructures: A new facile method using dual anodic dissolution**

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■ **Designing an asymmetric device based on graphene wrapped yolk-double shell NiGa₂S₄ hollow microspheres and graphene wrapped FeS₂-FeS₂ core-shell cratered spheres with**

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■ **Quantification of controlled release leuprolide and triptorelin in rabbit plasma using electromembrane extraction coupled with HPLC-UV**

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■ **Developing a miniaturized setup for in tube simultaneous determination of three alkaloids using electromembrane extraction in combination with ultraviolet spectrophotometry**

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The influence of the counterion

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■ **Designing graphene-wrapped NiCo₂Se₄ microspheres with petal-like FeS₂ toward flexible asymmetric all-solid-state supercapacitors**

Akbar Mohammadi Zardkhoshooi, Seyed saeid Seyed hoseini davarani, Ali Akbar Asgharinezhad
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■ **High-Performance Energy Storage Device Based on Triple-Shelled Cobalt Gallium Oxide Hollow Spheres and Graphene Wrapped Copper Iron Disulfide Porous Spheres**

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■ **Fabrication of cobalt gallium oxide with zinc iron oxide on nickel foam for a high-performance asymmetric supercapacitor**

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■ **One-step electrochemically driven production of aza macrocycle-based pseudo-cryptand: An accessible route for creating of diverse cryptand-resembles compounds**

Mojtaba Shamsipur, Seyed saeid Seyed hoseini davarani, Davood Nematollahi, Avat (Arman) Taherpour, Sara Dehdashtian, Afshin Pashabadi
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■ **Impedometric investigation of salt effects on electromembrane extraction: Practical hints for pH adjustment**

Seyede Sara Nasrollahi Sereshkeh, Seyed saeid Seyed hoseini davarani, Hamid Reza Moazami
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■ **Synthesis of NiGa₂S₄-rGO on nickel foam as advanced electrode for flexible solid-state supercapacitor with superior energy density**

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■ **A yolk shell Fe₃O₄ PA-NiPd/Chitosan nanocomposite -modified carbon ionic liquid electrode as a new sensor for the sensitive determination of fluconazole in pharmaceutical preparations and biological fluids**

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■ **Electromembrane Extraction Using a Round-Headed Platinum Wire as the Inner Electrode A Simple and Practical Way to Enhance the Performance of Extraction**

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■ **A Non-Enzymatic Biosensor Based on Pd Decorated Reduced Graphene Oxide Poly (2-anilinoethanol) Nanocomposite and Its Application for the Determination of Dopamine**

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■ **Ultra-trace determination of Cr (VI) ions in real water samples after electromembrane extraction through novel nanostructured polyaniline reinforced hollow fibers followed by electrothermal atomic absorption spectrometry**

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■ **A one step electrospinning process for the preparation of polyaniline modified TiO₂/polyacrylonitrile nanocomposite with enhanced photocatalytic activity**

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■ **A flexible mechanochemical route for the synthesis of copper oxide nanorods/nanoparticles/nanowires for supercapacitor applications The effect of morphology on the charge storage ability**

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■ **Cathodic electrosynthesis of ZnMn₂O₄/Mn₃O₄ composite nanostructures for high performance supercapacitor applications**

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■ **An efficient approach to selective electromembrane extraction of naproxen by means of molecularly imprinted polymer-coated multi-walled carbon nanotubes-reinforced hollow fibers**

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■ **Selective and sensitive speciation analysis of Cr(VI) and Cr(III) at sub- gL⁻¹ levels in water samples by electrothermal atomic absorption spectrometry after electromembrane extraction**

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■ **Direct synthesis of nitrogen-doped graphene on platinum wire as a new fiber coating method for the solid-phase microextraction of BXes in water samples Comparison of headspace and cold-fiber headspace modes**

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■ **Highly selective determination of amitriptyline using Nafion-AuNPs branched polyethyleneimine-derived carbon hollow spheres in pharmaceutical drugs and biological fluids**

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■ **Extraction of Hg(II) Ions from Aqueous Solution by a Magnetic Nano Sorbent Followed by Determination through Stripping Differential Pulse Voltammetry on Commercial Screen-Printed Kits**

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Conference Papers

■ **Evaluation of charge storage ability of zinc doped Co₂O₃ nanostructures derived by cathodic electrodeposition**

Seyed saeid Seyed hoseini davarani, Sara Hamed, hamid reza moazami
13th annual electrochemistry seminar of Iran, pp.165-165

■ **Electrosynthesis of the CdMn₂O₄ Nanoplates as High Performance Supercapacitor by Controlled Current Density**

Seyed saeid Seyed hoseini davarani, Nasrin Ghassemi, hamid reza moazami
13th annual electrochemistry seminar of Iran, pp.163-163

■ **extention of pulsed electro membrane extraction and studying of the membrane behavior by impedance analysis based on laplace transformation**

Seyed saeid Seyed hoseini davarani, hamidreza moazami, Seyedeh Sara Nasrollahi Sereshkeh
12th biennial electrochemistry seminar, pp.109-109

■ **A facile electrochemical synthesis of CuFeO₄ nanoporous microsphere for high performance supercapacitor applications**

Seyed saeid Seyed hoseini davarani, Nasrin Ghassemi, hamidreza moazami
12th biennial electrochemistry seminar, pp.156-156

■ **Cathodic electrosynthesis of Zn Mn₂O₄/Mn₃O₄ composite nanostructures for high performance supercapacitor applications**

Bahareh Ameri, Seyed saeid Seyed hoseini davarani, hamidreza moazami, hamideh darjazi, fazel zahaki far
12th biennial electrochemistry seminar, pp.42-42

■ **A novel biosensor based on Pd decorated reduced graphene oxide poly (2- anilinoethanol) nanocomposite and its application for the determination of dopamine**

Seyed saeid Seyed hoseini davarani, Atieh Tutunchi, Roya Sedghi, Alireza Shaabani
12th biennial electrochemistry seminar, pp.207-207

■ **electromembrane extraction of zwitterionic compounds as acid or base Investigation of charge type effect on the extraction efficiancy**

Saeed Nojavan, Ahmad Pourahadi, Seyed saeid Seyed hoseini davarani, Amin Morteza Najarian
10th International symposium on pharmaceutical sciences, pp.287-287

■ **electrically enhanced two-phase lpme basicdrugs followed by gs-ms analysi**

Seyed saeid Seyed hoseini davarani, Amin Morteza Najarian, Saeed Nojavan
isops-10

■ **Electro membrane extraction combined with high-performance liquid chromatography for the determination of sodium diclofenac in biological samples**

Seyed saeid Seyed hoseini davarani, , Saeed Nojavan,
18th international symposium on electro-and liquid phase-separation techniques

■ **A new SPME fiber for extraction of 1 4 - dioxane from alkyl ether sulfates and cosmetics using HS - SPME -GC**

Seyed saeid Seyed hoseini davarani
6th International symposium on Environmental Analytical chemistry (ISEAC36)

■ **p1-application of a dna-il-cpe modified electrode as an electrochemical biosensor for determination of trace amounts of aflatoxin b1**

Seyedmohammadhossein Banitaba Bidgoli, a mehdinia, Seyed saeid Seyed hoseini davarani
36th international symposium on environmental analytical chemistry

■ **electrochemical method for functionalization of porphyrincatecholes**

Naser Safari, Seyed saeid Seyed hoseini davarani, Samira Ovsati
11 TH IRANINAN INORGANIC CHEMISTRY CONFERENCE

■ **One-pot synthesis of 4-or5-(5-nitro-1h-benzo d imidazol-2-ylthio)benzene-1 2-diol derivatives by electro-oxidation of ctechols in the presence of 2-mercapto-5-nitrobenzimidazole**

Ali reza Fakhari zavareh, Seyed saeid Seyed hoseini davarani, Hamid Ahmar, Kobrasadat Hasheminasabzavareh
7th Biennial Seminar of Electrochemistry of Iran(7 best)

■ **Mechanistec study of electrochemical oxidation of 3-methyleatechot and dimethylyhydroquinone in the presence of chloranilie acid**

Seyed saeid Seyed hoseini davarani, Ali reza Fakhari zavareh, NEDA SHEIJOONI
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■ **Electrosynthesis of phenazine derivatives by electro-oxidation of eatechols in the presence of ortho-phenylenediamines**

Seyed saeid Seyed hoseini davarani, Ahmad Shaabani, Ali reza Fakhari zavareh, Hamid Ahmar, NEDA SHEIJOONI, Ali Maleki
7th Biennial Seminar of Electrochemistry of Iran(7 best)

■ **Electrochemical synthesis of new 4-or 5-(1h-benzo d imidazol-2-ylthio)benzene-1 2-diol derivatives**

Ali reza Fakhari zavareh, Seyed saeid Seyed hoseini davarani, Hamid Ahmar
7th Biennial Seminar of Electrochemistry of Iran(7 best)

■ **A novel mechanism in electrochemical oxidation of catechols in the presence ethyl-2-chloroacetoacetate**

Seyed saeid Seyed hoseini davarani, ,

■ **Simultaneous Quantitative Analysis of AQveous NaClO3 NaClO4 and Na2Cr2 O7 Solutions using FT-IR spectrometry**

Seyed saeid Seyed hoseini davarani
XXI. European Congress on Molecular Spectroscopy

■ **High–performance supercapacitors and their applications**

سیدسعید سیدحسینی داورانی، اکبر محمدی زردخشویی

صفحات: ۱۲ – ۱۳ The ۱۳th Iranian Biennial Electrochemistry Seminar.

■ **High–performance asymmetric and symmetric supercapacitors based on metal oxides and metal sulphides with graphene**

اکبر محمدی زردخشویی، سیدسعید سیدحسینی داورانی

صفحات: ۹۸ – ۹۹ The ۱۳th Iranian Biennial Electrochemistry Seminar.

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صفحات: ۶۷ – ۶۸ ۲۰th Iranian seminar of analytical chemistry.

■ **Selective and sensitive speciation analysis of Cr(VI) and Cr(III) in water samples at sub– g L^{-۱} level by electrothermal atomic absorption spectrometry after electromembrane extraction using complexation**

with ۱,۵-diphenylcarbazide ■

زینب طهماسبی، سیدسعید سیدحسینی داورانی

صفحات: ۳۹۲-۳۹۲، ۲۲th Iranian seminar of analytical chemistry

The effect of electric field geometry on the performance of electromembrane extraction systems
footprints of a third driving force along with migration and diffusion ■

حمیدرضا معظمی، جمیل محمدی، سیدسعید سیدحسینی داورانی

صفحات: ۲۸۴-۲۸۴، ۲۲th Iranian seminar of analytical chemistry

Electrosynthesis of the Ni-Co binary hydroxide nanosheets as high performance supercapacitor by
controlled current density ■

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صفحات: ۶۸-۶۸، ۲۲th Iranian seminar of analytical chemistry

Electrical impedance measurementsof electromembrane extraction systems using voltage pulse
excitation ■

جمیل محمدی، حمیدرضا معظمی، سیدسعید سیدحسینی داورانی

صفحات: ۱۰۷-۱۰۷، ۲۲th Iranian seminar of analytical chemistry

Electromembrane extraction through a virtually rotating supported liquid membrane ■

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synthesis of nano zinc oxide by anodic dissolution method ■

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مسعود ابراری، مجید قناعت شعار، حمیدرضا معظمی، سیدسعید سیدحسینی داورانی

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■ سنتز و شناسایی نانوذرات اکسید نیکل با استفاده از اشعه گاما

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■ sonoelectrochemical synthesis of a new nanolead II complex with quinoline-۲-carboxylic acid ligand a precursor to produce pure phase nano-sized lead II oxide ■

اکرم شهرجردی، سیدسعید سیدحسینی داورانی، عزت اله نجفی دهجالی، مصطفی محمدپورامینی

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■ electrochemical synthesis of new benzothiazole-benzene-۱،۲-diolderivatives ■

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■ Solid-phase microextraction of phthalate esters from aqueous media by electrochemically deposited Graphene oxide/polypyrrole composite fiber ■

مصطفی جعفری، سیدمحمدحسین بنی طباء بیدگلی، سیدسعید سیدحسینی داورانی، حمیرا ابراهیم زاده معبود

بیستمین کنفرانس شیمی تجزیه ایران

■ determination of Hg II ions from aqueous solution applying solid phase extraction by Fe₃O₄ magnetic nanoparticles modified with poly ۱،۸-diaminonaphthalene followed by anodic stripping voltammetry on screen-printed electrode ■

عطیه توتونچی دلال، حمید احمر، سیدجمال طباطبایی رضوانی، سیدسعید سیدحسینی داورانی

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■ a simple method for electrochemical synthesis of coordination polymer coatings on metallic substrates ■

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صفحات: ۱-۱ ۹th iranian annual seminar of electrochemistry،

■ the electrochemical synthesis of new indoyl-phthalazines derivatives ■

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صفحات: ۲-۲ ۹th iranian annual seminar of electrochemistry،

■ آشکارسازی تغییرات رطوبت محیط با استفاده از تحریک موج پلاسمون پلاریتون سطحی در یک منشور ■

سیدمجتبی هاشمی پیکر، سمیه نجفی، سید محمد حسین بنی طباء بیدگلی، سیدسعید سیدحسینی داورانی، رضا مسعودی

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■ synthesis and characterization of a new para-benzo quinhydrone derivative ■

H) دی آنها و بیس- (اسپيرو (ايندولين ۳۲-تيازوليدين) - ۴، ۲ (۱) -H) ستتز ترکیبات جدید اسپيرو (ايندولين ۳۲-تيازوليدين) - ۴، ۲ (۱) ■ دی اونها با استفاده از امواج مايکروويو در ظرف واکنش -
جواد عزيزيان، علی وارسته مردانی، خسرو جدیدی، سيدمرتضی مهرداد، سیدسعید سیدحسینی داورانی
سيزدهمین کنگره شیمی و مهندسی شیمی ایران

■ اندازه گیری همزمان نمک های کلرات، پرکلرات و بی کربنات سدیم در محلول های مائی با دستگاه طیف سنجی مادون قرمز
سیدسعید سیدحسینی داورانی
هفتمین کنگره شیمی و مهندسی شیمی ایران

thesis and doctoral thesis

- Ahmad Pourahadi
2020
- Akbar Mohammadi Zardkhoshooi
2019
- Atieh Tutunchi
2018
- Zeinab Tahmasebi
2017
- Zeinab Rezayati zad
2017
- Akram Shahrjerdi
2015
- Hamid Reza Moazzami
2015
- Seyedmohammadhossein Banitaba Bidgoli
2014
- Leyla Masoomi Varaki
2013

- synthesis of metal sulfides with unique structures for super-capacitors applications

Ramtin Arian

2021

- high performance asymmetric super-capacitors based on metal sulfides

Kosar Alitabarmansour

2021

- Inexpensive generation of hydrogen in water splitting technology using an advanced electrocatalyst based on metal sulfides

Elham Hozhabri

2020

■

Ronak Hayati monjoghtapeh

2020

■

Maryam Izadi

2020

■

Mandana Gharib

2019

■

Sara Hamed

2018

■

Nasrin Ghassemi

2018

■

Seyedeh Sara Nasrollahi Sereshkeh

2017

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Anita Elahi

2017

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Bahareh Ameri

2017

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Abdolvahab Asgari

2016

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Jamil Mohammadi

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Elham Memarian
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Mahnaz Faeghi Nia
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Meysam Safari
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Roghayeh Asadi
2012

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Amin Morteza Najarian
2012

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Ahmad Pourahadi
2012

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Reyhaneh Farzadnia
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Ali Shabani
2010

■
Aliahmad Mohammadi
2010

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Hamid Reza Lotfi Zadehzhad
2010

■
Majid Kalateh
2010