

حسین دهقانی

استاد

دانشکده: دانشکده شیمی

گروه: شیمی معدنی



سوابق تحصیلی

دانشگاه	رشته و گرایش تحصیلی	سال اخذ مدرک	مقطع تحصیلی
کاشان	شیمی	۱۳۶۹	کارشناسی
صنعتی شریف	شیمی معدنی	۱۳۷۳	کارشناسی ارشد
شیراز	شیمی معدنی	۱۳۷۸	دکترا تخصصی

مقالات در همایش ها

- سیده سارا خلیلی,حسین دهقانی قربی,مليحه افروز,بهبود بازده سلول های خورشیدی حساس شده با نقاط کوانتومی CdS/CdSe/ZnS با استفاده از CuS دايد شده با يون های CO_2^+ و Mn_2^+ به عنوان الکترود شمارنده,ششمین کنفرانس سلولهای خورشیدی نانوساختاری,تهران,۲۰۱۶,۱۲,۲۲.
- سیده سارا خلیلی,حسین دهقانی قربی,مليحه افروز,امید باقری طادی,ساخت و مطالعه ای سلول های خورشیدی بر پایه ای رنگ [Zn-TCPP] و با سیستم یدید/تری یدید بهینه شده با افزاینده ای الکتروولیتی جدید,پنجمین کنفرانس سلول های خورشیدی نانو ساختار,تهران,۲۰۱۵,۱۲,۱۷.
- مليحه افروز,حسین دهقانی قربی,نجمه فیروزی,بهینه سازی عملکرد سلولهای خورشیدی حساس شده با رنگ با افزودن بوتانول به الکتروولیت یدید/تری یدید به عنوان افزاینده ای جدید الکتروولیتی,پنجمین کنفرانس سلول های خورشیدی نانو ساختار,تهران,۲۰۱۵,۱۲,۱۷.
- نجمه فیروزی, مليحه افروز,حسین دهقانی قربی, جایگزینی مؤثر و مناسب برای افزاینده ای ترشیبوبوتیل پیریدین در سیستمهای الکتروولیتی یدید/تری یدید توسط تری بوتیل فسفات در سلولهای خورشیدی حساس شده با رنگ,پنجمین کنفرانس سلول های خورشیدی نانو ساختار,تهران,۲۰۱۵,۱۲,۱۷.

Fahimesadat Vajedi, Hossein Dehghani ,Synthesis of titanium dioxide-graphene .5 nanocomposites (TiO₂-G) by the hydrothermal method and their applications for removing heavy metal ions of cadmium(II), lead(II) and copper(II) ,13th International Conference Advanced Carbon NanoStructures ,Saint-Petersburg ,2017

Mina Ahmadi Kashani, Hossein Dehghani ,Facile preparation and study of optical and electrochemical properties of PbS nanostructures and PbS/ graphene nanocomposites ,13th International Conference Advanced Carbon NanoStructures ,Saint-Petersburg ,2017

Fahimesadat Vajedi, Hossein Dehghani ,Hydrothermal synthesis, characterization and applications of titanium dioxide-graphene nanocomposites (TiO₂-G) for removing heavy metal ions of cadmium(II), lead(II) and copper(II) ,The 5 International Biochemistry and Molecular Biology conference ,Songkhla ,2016

- Raziye Akbarzadeh, Hossein Dehghani ,STABILIZER-ASSISTED PREPARATION AND .8
ELECTROCHEMICAL PROPERTIES OF NICKEL NANOPARTICLES ,19th Chemical physics
.congress ,2016
- Seyede Sara Khalili, Raziye Akbarzadeh, Hossein Dehghani ,Synthesis of CdS nanostructure .9
from cadmium (II)-Salophen precursor by thermal deposition: optical and electrochemical
.properties ,18th Iranian chemistry congress ,2015
- Raziye Akbarzadeh, Hossein Dehghani ,One-step synthesis of magnetic nickel nanostructures .10
modified by octadecylamine using a new solvothermal reduction process ,18th Iranian Chemistry
.congress ,2015
- Hossein Dehghani, Sara Bakhshayesh ,Synthesis and Characterization of Snowflake-like HgS .11
.Structure ,14th Iranian Inorganic Chemistry Conference ,2012
- Hossein Dehghani, Malihe Afroz ,Synthesis and Characterization of Molecular Complexes .12
between Diimines with 2,3-Dichloro-5,6-dicyano-1,4-benzoquinone(DDQ) ,14th Iranian Inorganic
.Chemistry Conference ,2012
- Hossein Dehghani, Nafise Salehi Vanani, Mojtaba Mojiri Foroushani ,Preparation and .13
characterization of silica- and titania-trans-porphyrin hybrid nanostructures and theirs application
.as lead and copper cations adsorbent ,14th Iranian Inorganic Chemistry Conference ,2012
- Hossein Dehghani, Elham Safaei, Zahra Kazemi ,Hydrothermal Synthesis and .14
Characterization of Mercury(II) Sulphide ,International Congress on Nanoscience &
.Nanotechnology (ICNN2012) ,2012
- Hossein Dehghani, Mojtaba Mojiri Foroushani, Nafise Salehi Vanani ,Self-assembly of 3- .15
amino propyltrimethoxysilane to improve the efficiency of dye-sensitized solar cells ,International
.Congress on Nanoscience & Nanotechnology (ICNN2012) ,2012
- Hossein Dehghani, Maryam Shaterian ,Preparation of Silica-Porphyrin Hybrid Nanostructures .16
as Heavy Metal Ion Adsorbent ,International Congress on Nanoscience & Nanotechnology
. (ICNN2012) ,2012
- Hossein Dehghani, Sara Bakhshayesh ,Synthesis and characterization of .17
IronChromite(FeCr₂O₄) Nanoparticles Prepared by Hydrothermal Method ,Iran-Belarus
.International Conference on Modern Applications of Nanotechnology (IBCN12) ,2012
- Hossein Dehghani, Fatemeh Behnoudnia ,Hydrothermal Synthesis of Nanorods and .18
Nanosheets Antimony trioxide ,Iran-Belarus International Conference on Modern Applications of
.Nanotechnology (IBCN12) ,2012
- Hossein Dehghani, Sara Bakhshayesh ,Hydrothermal Synthesis and Characterization of .19
Nanosized Cadmium sulfide ,Iran-Belarus International Conference on Modern Applications of
.Nanotechnology (IBCN12) ,2012
- Hossein Dehghani, Mehnoosh Babaahmadi ,Synthesis and characterization of sitting-atop .20
complexes between free base meso-tetraphenylporphyrins and SnCl₂.2H₂O ,XIth Netherlands
.Catalysis and Chemistry Conference ,2011
- Hossein Dehghani, Malihe Afroz ,Synthesis and characterization of molecular complexes .21
.between diimines with SbCl₃ ,XIth Netherlands Catalysis and Chemistry Conference ,2011
- Hossein Dehghani, Mojtaba Mojiri Foroushani ,Calculation and prediction structure of novel .22
.complexation of porphine and TiCl₄ ,12th Iranian Inorganic Chemistry Conference ,2010
- Hossein Dehghani, Zohre Sabourifard ,Synthesis and spectroscopic characterization of .23
sandwich sitting-atop complexes of meso-tetraarylporphyrins and NbCl₅ ,12th Iranian Inorganic
.Chemistry Conference ,2010
- Hossein Dehghani, Malihe Mahloujifar ,Synthesis and spectroscopic characterization of .24
sandwich sitting-atop complexes of meso-tetraarylporphyrins and SeCl₄ ,12th Iranian Inorganic
.Chemistry Conference ,2010
- Hossein Dehghani, Fatemeh Behnoudnia ,The thermodynamic studies of meso- .25
.tetraarylporphyrins with ICl ,12th Iranian Inorganic Chemistry Conference ,2010

مقالات در نشریات

1. عاطفه امیدی درگاهی,حسین دهقانی قربی,علی احسانی,Electrochemical performance of NiCo₂O₄/functionalized graphene oxide with phenylalanine and tryptophane as efficient electrodes to enhance capacitance properties in supercapacitors,journal of energy storage,2023 .11 25,ISI-Listed
2. مرضیه سیمنی,حسین دهقانی قربی,The study of electrochemical hydrogen storage behavior of the UiO-66 framework on the metal/reduced graphene oxide substrate,Fuel (journal),2023 02 06,ISI-Listed
3. حسین دهقانی قربی,ZnS/CdSe0.2S0.8/ZnSSe heterostructure as a novel and efficient photosensitizer for highly efficient quantum dot sensitized solar cells,APPL SURF SCI,Vol. 545,pp. 148958,2021 01 09,JCR
4. فهیمه سادات واجدی,حسین دهقانی قربی,علی ضرابی,Design and characterization of a novel pH-sensitive biocompatible and multifunctional nanocarrier for in vitro paclitaxel release,MAT SCI .ENG C-MATER,Vol. 119,pp. 111627,2020 10 14,JCR
5. حسین دهقانی قربی,مینا احمدی کاشانی,A biocompatible nanoplatform formed by MgAl-layered, double hydroxide modified Mn₃O₄/N-graphene quantum dot conjugated-polyaniline for pH-triggered release of doxorubicin,MAT SCI ENG C-MATER,Vol. 114,pp. 1,2020 05 06,JCR
6. Roya Sheykhisarem, Hossein Dehghani,In vitro biocompatibility evaluations of pH-sensitive Bi₂MoO₆/NH₂-GO conjugated polyethylene glycol for release of daunorubicin in cancer therapy,Colloids and Surfaces B: Biointerfaces,January 2023
7. Negin Beiraghdar , Hossein Dehghani , Malihe Afroz,Modification of polysulfide electrolyte by applying various amines, thiourea and urea as efficient additives to improve photovoltaic performance of quantum dot-sensitized solar cells,Solar Energy,2021 04 15
8. Maryam Ostadebrahim ,& Hossein Dehghani,ZnS/CdSe0.2S0.8/ZnSSe heterostructure as a novel and efficient photosensitizer for highly efficient quantum dot sensitized solar cells,Applied Surface Science,2021 04 15
9. Mina Ahmadi Kashani ,& Hossein Dehghani,A new electrochemical sensing platform based on HgS/graphene composite deposited on the glassy carbon electrode for selective and sensitive determination of propranolol,Journal of Pharmaceutical and Biomedical Analysis,2020 12 01
10. Fahimeh Sadat Vajedi , Hossein Dehghani , Ali Zarrabi,Design and characterization of a novel pH-sensitive biocompatible and multifunctional nanocarrier for in vitro paclitaxel release,Materials Science and Engineering: C,2020 10 01
11. Mina Ahmadi Kashani ,& Hossein Dehghani,A novel selective ternary platform fabricated with MgAl-layered double hydroxide/NiMn₂O₄ functionalized polyaniline nanocomposite deposited on a glassy carbon electrode for electrochemical sensing of levodopa,Colloids and Surfaces B: Biointerfaces,2020 10 01
12. Mina Ahmadi Kashani , Hossein Dehghani , Ali Zarrabi,A biocompatible nanoplatform formed by MgAl-layered double hydroxide modified Mn₃O₄/N-graphene quantum dot conjugated-polyaniline for pH-triggered release of doxorubicin,Materials Science and Engineering: C,2020 09 01
13. Maryam Ostadebrahim ,& Hossein Dehghani,Improving the photovoltaic performance of CdSe0.2S0.8 alloyed quantum dot sensitized solar cells using CdMnSe outer quantum dot,Solar Energy,2020 03 15
14. Fahimehsadat Vajedi ,& Hossein Dehghani,A high-sensitive electrochemical DNA biosensor based on a novel ZnAl/layered double hydroxide modified cobalt ferrite-graphene oxide

- nanocomposite electrophoretically deposited onto FTO substrate for electroanalytical studies of .etoposide,Talanta,Vol. 208,pp. 120444,2020 02 01
- Z. Asgari Fard, H. Dehghani,Investigation of the effect of Sr-doped in ZnSe layers to improve .15 photovoltaic characteristics of ZnSe/CdS/CdSe/ZnSe quantum dot sensitized solar cells,Solar .Energy,Vol. 184,pp. 378,2019
- F. Vajedi, H. Dehghani,The characterization of TiO₂-reduced graphene oxide .16 nanocomposites and their performance in electrochemical determination for removing heavy metals ions of cadmium(II), lead(II) and copper(II),Materials Science and Engineering B: Solid-State Materials for Advanced Technology,Vol. 243,pp. 189,2019
- Z. Ramezani, H. Dehghani,Effect of nitrogen and sulfur co-doping on the performance of .17 electrochemical hydrogen storage of graphene,International Journal of Hydrogen Energy,2019
- R. Akbarzadeh, H. Dehghani,From nickel oxalate dihydrate microcubes to NiS₂ nanocubes for .18 high performance supercapacitors,Journal of Solid State Electrochemistry,Vol. 22,pp. 3375,2018
- S. S. Khalili, H. Dehghani, M. Afroz,New porphyrin-doped silica monolith: an effective .19 adsorbent for heavy metal ions in aqueous solution,Journal of Sol-Gel Science and Technology,Vol. 85,pp. 290,2018
- N. Firooz, H. Dehghani, M. Afroz, S. S. Khalili,Improvement photovoltaic performance of .20 quantum dot-sensitized solar cells using deposition of metal-doped ZnS passivation layer on the .TiO₂ photoanode,Microelectronic Engineering,Vol. 198,pp. 8,2018
- R. Akbarzadeh, H. Dehghani,Sodium-dodecyl-sulphate-assisted synthesis of Ni nanoparticles: .21 electrochemical properties,Bulletin of Materials Science,Vol. 40,pp. 1361,2017
- S. S. Khalili, H. Dehghani, M. Afroz,Composite films of metal doped CoS/carbon allotropes; .22 efficient electrocatalyst counter electrodes for high performance quantum dot-sensitized solar cells,Journal of Colloid and Interface Science,Vol. 493,pp. 32,2017
- M. Afroz, H. Dehghani, S. S. Khalili, N. Firooz,Effects of cobalt ion doped in the ZnS .23 passivation layer on the TiO₂ photoanode in dye sensitized solar cells based on different .counter electrodes,Synthetic Metals,Vol. 226,pp. 164,2017
- S. S. Khalili, H. Dehghani,Ca-doped CuS/graphene sheet nanocomposite as a highly catalytic .24 counter electrode for improving quantum dot-sensitized solar cell performance,RSC Advances,Vol. 6,pp. 10880,2016
- R. Akbarzadeh, S. S. Khalili, H. Dehghani,Fabrication and study of optical and electrochemical .25 properties of CdS nanoparticles and the GO-CdS nanocomposite,New Journal of Chemistry,Vol. .40,pp. 3528,2016
- M. Afroz, H. Dehghani,Significant improvement of photocurrent in dye-sensitized solar cells .26 by incorporation thiophene into electrolyte as an inexpensive and efficient additive,Organic .Electronics,Vol. 29,pp. 57,2016
- F. S. Vajedi, H. Dehghani,Synthesis of titanium dioxide nanostructures by solvothermal .27 method and their application in preparation of nanocomposite based on graphene,Journal of .Materials Science,Vol. 51,pp. 1845,2016
- N. Firooz, H. Dehghani,Interfacial modification of TiO₂ nanoparticles by using carbonates of .28 earth alkali metals as an efficient and simple approach for improving quantum dot sensitized .solar cell performance,Electrochimica Acta,Vol. 191,pp. 987,2016
- L. Mahmoudian, A. Rashidi, H. Dehghani, R. Rahighi,Single-step scalable synthesis of three- .29 dimensional highly porous graphene with favorable methane adsorption,Chemical Engineering .Journal,Vol. 304,pp. 784,2016
- M. Afroz, H. Dehghani,Effects of triphenyl phosphate as an inexpensive additive on the .30 photovoltaic performance of dye-sensitized nanocrystalline TiO₂ solar cells,RSC Advances,Vol. .5,pp. 50483,2015
- M. Afroz, H. Dehghani,First application of diethyl oxalate as efficient additive in high .31 performance dye-sensitized solar cells based on iodide/triiodide electrolyte,Electrochimica

.Acta,Vol. 174,pp. 521,2015

O. Bagheri, H. Dehghani, M. Afroz,Pyridine derivatives; new efficient additives in .32
bromide/tribromide electrolyte for dye sensitized solar cells,RSC Advances,Vol. 5,pp.
.86191,2015

O. Bagheri, H. Dehghani,Effect of Isonicotinate derivatives as additive on the photovoltaic .33
performance of Carbazole-dye sensitized nanostructured TiO₂ solar cells,Electrochimica
.Acta,Vol. 186,pp. 43,2015

P. Golabi, R. Akbarzadeh, H. Dehghani,Facile preparation of PbS nanostructures and PbS/f- .34
CNT nanocomposites using xanthate as sulfur source: Thermal and optical
.characterization,Journal of Alloys and Compounds,Vol. 647,pp. 539,2015

N. Firoozi, H. Dehghani, M. Afroz,Cobalt-doped cadmium sulfide nanoparticles as efficient .35
strategy to enhance performance of quantum dot sensitized solar cells,Journal of Power
.Sources,Vol. 278,pp. 98,2015

M. Afroz, H. Dehghani,Enhanced photovoltaic properties of modified redox electrolyte in .36
dye-sensitized solar cells using tributyl phosphate as additive,Journal of Power Sources,Vol.
.262,pp. 140,2014

R. Akbarzadeh, H. Dehghani, F. Behnoudnia,Sodium thiosulfate-assisted synthesis of NiS₂ .37
nanostructure by using nickel(II)-Salen precursor: optical and magnetic properties,Dalton
.Transactions,Vol. 43,pp. 16745,2014

R. Akbarzadeh, H. Dehghani,A novel thermal reduction method towards the synthesis and .38
growth of two unlike morphologies of nickel nanostructures,Dalton Transactions,Vol. 43,pp.
.5474,2014

F Behnoudnia, H Dehghani,Influence of amine additives on morphology and phase of .39
antimony(III) oxide nanostructures and study of their optical properties,RSC Advances,Vol. 4,pp.
.39672,2014

F. Behnoudnia, H. Dehghani,Anion effect on the control of morphology for NiC₂O₄·2H₂O .40
nanostructures as precursors for synthesis of Ni(OH)₂ and NiO nanostructures and their
application for removing heavy metal ions of cadmium(II) and lead(II),Dalton Transactions,Vol.
.43,pp. 3471,2014

S. Bakhshayesh, H. Dehghani,Nickel and cobalt ferrites nanoparticles: synthesis, study of .41
magnetic properties and their use as magnetic adsorbent for removing lead (II) ion,Journal of
.the Iranian Chemical Society,Vol. 11,pp. 769,2014

N. Abedian, H. Dehghani,Novel molecular complexation between meso-tetraarylporphyrinato .42
magnesium (II) and phosphorus (III) chloride,Inorganic Chemistry Communications,Vol. 36,pp.
.77,2013

R. Akbarzadeh, H. Dehghani,Polyrotaxane with π-conjugated porphyrin and polyazomethine .43
systems prepared from a type of porphyrindialdehyde and complex of π-cyclodextrin with 1,4-
.phenylenediamine,Chinese Journal of Polymer Science (English Edition),Vol. 31,pp. 139,2013

M. Mojiri , Foroushani, H. Dehghani, N. Salehi , Vanani,Enhancement of dye-sensitized solar .44
cells performances by improving electron density in conduction band of nanostructure TiO₂
electrode with using a metalloporphyrin as additional dye,Electrochimica Acta,Vol. 92,pp.
.315,2013

S. Bakhshayesh, H. Dehghani,Synthesis of magnetite-porphyrin nanocomposite and its .45
application as a novel magnetic adsorbent for removing heavy cations,Materials Research
.Bulletin,Vol. 48,pp. 2614,2013

F. Behnoudnia, H. Dehghani,Copper(II) oxalate nanospheres and its usage in preparation of .46
Cu(OH)₂, Cu₂O and CuO nanostructures: Synthesis and growth mechanism,Polyhedron,Vol.
.12,pp. 102,2013

F. Behnoudnia, H. Dehghani,Synthesis and characterization of novel three-dimensional- .47
cauliflower-like nanostructure of lead (II) oxalate and its thermal decomposition for preparation

- .of PbO,Inorganic Chemistry Communications,Vol. 24,pp. 32,2012
- H. Dehghani, H. Molaei,Synthesis and characterization of new molecular complexation .48 between free base meso-tetraarylporphyrins and nitrosonium ion as π -acceptor,Inorganica Chimica Acta,Vol. 384,pp. 133,2012
- H. Dehghani, S. Bakhshayesh, M. Shaterian, L. Motamedi,Sandwich Intermediate Sitting-atop .49 Complexation between Free Base meso-tetraarylporphyrins and Tellurium (IV) chloride,Bulletin of the Korean Chemical Society,Vol. 31,pp. 815,2010
- H. Dehghani, R. Sahba, M. Afroz, H. Mollaei,Molecular Complexation between Iodine(III) .50 Chloride and Meso-tetraarylporphyrins: Synthesis, Spectroscopic Characterization and .Photoluminescence Study,Journal of the Chinese Chemical Society,Vol. 57,pp. 690,2010
- H. Dehghani, M. Bordbar, M. Mojiri ,& Foroushani, S. Karami, M. R. Mansournia,Synthesis, .51 characterization and the thermodynamic study of intermediate sitting-atop (i-SAT) complexes of .free base meso-tetraarylporphyrins with InCl₃,Inorganica Chimica Acta,Vol. 362,pp. 1619,2009
- H. Dehghani , S. Bakhshayesh , F. Behnoudnia,Synthesis of new sandwich intermediate .52 sitting-atop complexes between meso-tetraarylporphyrins and germanium(IV) chloride,Inorganica Chimica Acta,Vol. 362,pp. 3025,2009
- H. Dehghani, M. Shaterian,Synthesis of new ionic intermediate sitting-atop complexes of free .53 base meso-tetraarylporphyrin and phosphorus(V) chloride under solvent free .conditions,Inorganica Chimica Acta,Vol. 362,pp. 2868,2009
- H. Dehghani, E. Jafari, M. R. Mansournia, F. Behnoudnia,Spectrophotometric studies of the .54 thermodynamics of sitting-atop complexation between free base meso-tetraarylporphyrins and titanium(IV) chloride,Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy,Vol. .72,pp. 1034,2009
- H. Dehghani, M. Shaterian,Synthesis under solvent free conditions and photoluminescence .55 study of ionic intermediate sitting-atop complexes of meso-tetraarylporphyrins and phosphorus .oxychloride,Inorganica Chimica Acta,Vol. 362,pp. 5151,2009
- H. Dehghani, M. R. Mansournia,Synthesis and Spectroscopic Characterization of the New .56 Sitting-atop Complexes from Reaction of Zirconyl Nitrate and Free Base meso-Tetraarylporphyrins in Mild Conditions,Bulletin of the Korean Chemical Society,Vol. 30,pp. .1715,2009
- H. Dehghani, M. Farshchian,Molecular interaction between free base meso-.57 .tetraarylporphyrins and o-chloranil,Journal of Heterocyclic Chemistry,Vol. 46,pp. 610,2009
- H. Dehghani, M. Shaterian,New Cationic Sandwich-type Intermediate Sitting-atop .58 Complexation between meso-Tetraarylporphyrins and Tantalum(V) Chloride: Synthesis, Spectroscopic Characterization and Photoluminescence Study,Bulletin of the Korean Chemical Society,Vol. 30,pp. 2792,2009
- H. Dehghani, M. R. Mansournia,A spectrophotometric and thermodynamic study of the .59 sitting-atop complex formation from reaction between free base meso-tetraarylporphyrins and zirconyl nitrate in chloroform solution,Spectrochimica Acta Part A: Molecular and Biomolecular .Spectroscopy,Vol. 74,pp. 324,2009
- H. Dehghani , M. Bordbar , S. Rezakhani , M. R. Mansournia,Spectrophotometric Studies of .60 the Thermodynamics of Molecular Interaction between Some Free Base meso-Tetraarylporphyrins and SbF₃,Bulletin of the Chemical Society of Japan,Vol. 81,pp. 711,2008
- H. Dehghani ,& M.R. Mansournia,Novel sitting-atop complexation between uranyl and meso-.61 .tetraarylporphyrins under mild conditions,Polyhedron,Vol. 27,pp. 849,2008
- H. Dehghani , M. Payam , M. R. Mansournia,Sitting-atop complex formation of free base .62 .meso-tetraarylporphyrins with zirconium(IV) chloride,Polyhedron,Vol. 27,pp. 2416,2008
- H. Dehghani ,& F.Fathi,Molecular complexation of meso-tetraphenylporphyrins with SO₂,Dyes .63 .and Pigments,Vol. 77,pp. 323,2008
- H. Dehghani, M. Shaterian,Synthesis of intermediate sitting-atop complexes (i-SAT) from the .64

- reaction between free base meso-tetraarylporphyrins and phosphorus(III) chloride in solvent free media,Polyhedron,Vol. 27,pp. 3263,2008
- H. Dehghani ,& M. Babaahmadi,Synthesis and characterization of intermediate sitting-atop (i- .65 SAT) complexes of free base meso-tetraarylporphyrins and tin(IV) chloride,Polyhedron,Vol. 27,pp. 2739,2008
- H. Dehghani , M. Bordbar , S. Rezakhani,Thermodynamic studies of sitting-atop complexation .66 between free base meso-tetraarylporphyrins and antimony(III) chloride in chloroform,Journal of Coordination Chemistry,Vol. 61,pp. 1655,2008
- H. Dehghani ,& M. R. Mansournia,Thermodynamic studies of sitting-atop (SAT) complexation .67 of uranyl and free base meso -tetraarylporphyrins,Journal of Coordination Chemistry,Vol. 61,pp. 2743,2008
- M. Mazloum Ardakani, P. Rahimi, H. Dehghani, P. Ebrahimi Karami, H. R. Zare, S. .68 Karami,Electrocatalytic reduction of dioxygen on the surface of glassy carbon electrodes modified with cobalt porphyrin complexes,Electroanalysis,Vol. 19,pp. 2258,2007
- H. Dehghani ,& F. Fathi,Synthesis of 1:2 molecular complexes between free base meso- .69 tetraarylporphyrins and sulfur trioxide,Journal of Porphyrins and Phthalocyanines,Vol. 11,pp. 742,2007
- Dehghani Hossein ,& Ansari Sardrood Ali Reza,Synthesis and Spectroscopic Characterization .70 of New Molecular Complexes of Bismuth(III) Chloride with Free Base meso-Tetraarylporphyrins,Bulletin of the Chemical Society of Japan,Vol. 80,pp. 518,2007
- Hossein Dehghani ,& Ali Reza AnsariSardrood,Molecular complexation of free base meso- .71 tetraarylporphyrins with antimony(III) chloride in free solvent media,Polyhedron,Vol. 26,pp. 4263,2007
- M Mazloum Ardakani , HR Zare , H Dehghani , M Jalayer,Silver (I) ion selective membrane .72 electrode based on derivative of porphine,Bulletin of Electrochemistry,Vol. 20,pp. 385,2004
- M. Mazloum Ardakani , H. Dehghani , M. Jalayer , H. R. Zare,Potentiometric determination of .73 silver (I) by selective membrane electrode based on derivative of porphyrin,Analytical Sciences,Vol. 20,pp. 1667,2004
- D. Mohajer ,& H. Dehghani,Exclusive 2□1 molecular complexation of 2,3-dichloro-5,6- .74 dicyanobenzoquinone and para-substituted meso-tetraphenylporphyrins: spectral analogues for diprotonated meso-tetraphenylporphyrin,Journal of the Chemical Society, Perkin Transactions .2,Vol. 2,pp. 199,2000
- D. Mohajer ,& H. Dehghani,Preparation and Spectroscopic Characterization of 2 : 1 Molecular .75 Complexes of Tetracyanoethylene and meso-Tetraphenylporphyrins,Bulletin of the Chemical Society of Japan,Vol. 73,pp. 1477,2000