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Papers in Conferences

1. Fatemeh Fattahiyan,مریم استاد ابراهیم ,Improving the photovoltaic performance of CdS/CdSe quantum dot-sensitized solar cells using an Al-ZnS ternary passivation layer ,22nd Iranian Chemistry Congress ,1 - 13 05 2024, تهران .
2. Fahimesadat Vajedi, Hossein Dehghani ,Synthesis of titanium dioxide-graphene nanocomposites (TiO 2 -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.
3. 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.
4. 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.
5. Raziye Akbarzadeh, Hossein Dehghani ,STABILIZER-ASSISTED PREPARATION AND ELECTROCHEMICAL PROPERTIES OF NICKEL NANOPARTICLES ,19th Chemical physics congress ,2016.
6. Seyede Sara Khalili, Raziye Akbarzadeh, Hossein Dehghani ,Synthesis of CdS nanostructure from cadmium (II)-Salophen precursor by thermal deposition: optical and electrochemical properties ,18th Iranian chemistry congress ,2015.
7. Raziye Akbarzadeh, Hossein Dehghani ,One-step synthesis of magnetic nickel nanostructures modified by octadecylamine using a new solvothermal reduction process ,18th Iranian Chemistry congress ,2015.
8. Hossein Dehghani, Fatemeh Behnoudnia ,Hydrothermal Synthesis of Nanorods and Nanosheets Antimony trioxide ,Iran-Belarus International Conference on Modern Applications of Nanotechnology (IBCN12) ,2012.
9. Hossein Dehghani, Sara Bakhshayesh ,Synthesis and Characterization of Snowflake-like HgS Structure ,14th Iranian Inorganic Chemistry Conference ,2012.
10. Hossein Dehghani, Malihe Afrooz ,Synthesis and Characterization of Molecular Complexes between Diimines with 2,3-Dichloro-5,6-dicyano-1,4-benzoquinone(DDQ) ,14th Iranian Inorganic Chemistry Conference ,2012.
11. Hossein Dehghani, Nafise Salehi Vanani, Mojtaba Mojiri Foroushani ,Preparation and characterization of silica- and titania-trans-porphyrin hybrid nanostructures and theirs application as

lead and copper cations adsorbent ,14th Iranian Inorganic Chemistry Conference ,2012.
12. Hossein Dehghani, Elham Safaei, Zahra Kazemi ,Hydrothermal Synthesis and Characterization of Mercury(II) Sulphide ,International Congress on Nanoscience & Nanotechnology (ICNN2012) ,2012.
13. Hossein Dehghani, Mojtaba Mojiri Foroushani, Nafise Salehi Vanani ,Self-assembly of 3-amino propyltrimethoxysilane to improve the efficiency of dye-sensitized solar cells ,International Congress on Nanoscience & Nanotechnology (ICNN2012) ,2012.
14. Hossein Dehghani, Maryam Shaterian ,Preparation of Silica-Porphyrin Hybrid Nanostructures as Heavy Metal Ion Adsorbent ,International Congress on Nanoscience & Nanotechnology (ICNN2012) ,2012.
15. Hossein Dehghani, Sara Bakhshayesh ,Synthesis and characterization of IronChromite(FeCr2O4) Nanoparticles Prepared by Hydrothermal Method ,Iran-Belarus International Conference on Modern Applications of Nanotechnology (IBCN12) ,2012.
16. Hossein Dehghani, Sara Bakhshayesh ,Hydrothermal Synthesis and Characterization of Nanosized Cadmium sulfide ,Iran-Belarus International Conference on Modern Applications of Nanotechnology (IBCN12) ,2012.
17. Hossein Dehghani, Mehnoosh Babaahmadi ,Synthesis and characterization of sitting-atop complexes between free base meso-tetraphenylporphyrins and SnCl2.2H2O ,XIIth Netherlands Catalysis and Chemistry Conference ,2011.
18. Hossein Dehghani, Malihe Afrooz ,Synthesis and characterization of molecular complexes between diimines with SbCl3 ,XIIth Netherlands Catalysis and Chemistry Conference ,2011.
19. Hossein Dehghani, Sara Bakhshayesh ,Synthesis and characterization of new molecular complexation between SiCl4 and free base meso- tetraphenylporphyrins ,12th Iranian Inorganic Chemistry Conference ,2010.
20. Hossein Dehghani, Mojtaba Mojiri Foroushani ,Calculation and prediction structure of novel complexation of porphine and TiCl4 ,12th Iranian Inorganic Chemistry Conference ,2010.
21. Hossein Dehghani, Zohre Sabourifard ,Synthesis and spectroscopic characterization of sandwich sitting-atop complexes of meso-tetraarylporphyrins and NbCl5 ,12th Iranian Inorganic Chemistry Conference ,2010.
22. Hossein Dehghani, Malihe Mahloujifar ,Synthesis and spectroscopic characterization of sandwich sitting-atop complexes of meso-tetraarylporphyrins and SeCl4 ,12th Iranian Inorganic Chemistry Conference ,2010.
23. Hossein Dehghani, Fatemeh Behnoudnia ,The thermodynamic studies of meso-tetraarylporphyrins with ICl ,12th Iranian Inorganic Chemistry Conference ,2010.

Papers in Journals

1. مینا احمدی کاشانی,حسین دهقانی قربی,A new multifunctional electrocatalyst based on PbS nanostructures decorated with graphene/polyaniline-modified glassy carbon electrode for selective detection of non-steroidal anti-inflammatory drug naproxen,Microchemical Journal,Vol. 200,pp. 110320,2024 03 13,SCOPUS ,JCR.
2. 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.
3. 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.
4. 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.
5. 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.
6. حسین دهقانی قربی,مینا احمدی کاشانی,A biocompatible nanoplatform formed by MgAl-layered double hydroxide modified Mn3O4/N-graphene quantum dot conjugated-polyaniline for pHtriggered release of doxorubicin,MAT SCI ENG C-MATER,Vol. 114,pp. 1,2020 05 06,JCR.
7. 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.
8. Negin Beiraghdar , Hossein Dehghani , Malihe Afrooz,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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. Z. Ramezani, H. Dehghani,Effect of nitrogen and sulfur co-doping on the performance of electrochemical hydrogen storage of graphene,International Journal of Hydrogen Energy,2019.
17. F. Vajedi, H. Dehghani,The characterization of TiO 2 -reduced graphene oxide 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.
18. Z. Asgari Fard, H. Dehghani,Investigation of the effect of Sr-doped in ZnSe layers to improve photovoltaic characteristics of ZnSe/CdS/CdSe/ZnSe quantum dot sensitized solar cells,Solar Energy,Vol. 184,pp. 378,2019.
19. R. Akbarzadeh, H. Dehghani,From nickel oxalate dihydrate microcubes to NiS2 nanocubes for high performance supercapacitors,Journal of Solid State Electrochemistry,Vol. 22,pp. 3375,2018.
20. N. Firoozi, H. Dehghani, M. Afrooz, S. S. Khalili,Improvement photovoltaic performance of quantum dot-sensitized solar cells using deposition of metal-doped ZnS passivation layer on the TiO 2 photoanode,Microelectronic Engineering,Vol. 198,pp. 8,2018.
21. S. S. Khalili, H. Dehghani, M. Afrooz,New porphyrin-doped silica monolith: an effective adsorbent for heavy metal ions in aqueous solution,Journal of Sol-Gel Science and Technology,Vol. 85,pp. 290,2018.

22. R. Akbarzadeh, H. Dehghani,Sodium-dodecyl-sulphate-assisted synthesis of Ni nanoparticles: electrochemical properties,Bulletin of Materials Science,Vol. 40,pp. 1361,2017.
23. S. S. Khalili, H. Dehghani, M. Afrooz,Composite films of metal doped CoS/carbon allotropes; efficient electrocatalyst counter electrodes for high performance quantum dot-sensitized solar cells,Journal of Colloid and Interface Science,Vol. 493,pp. 32,2017.
24. M. Afrooz, H. Dehghani, S. S. Khalili, N. Firoozi,Effects of cobalt ion doped in the ZnS passivation layer on the TiO 2 photoanode in dye sensitized solar cells based on different counter electrodes,Synthetic Metals,Vol. 226,pp. 164,2017.
25. L. Mahmoudian, A. Rashidi, H. Dehghani, R. Rahighi,Single-step scalable synthesis of three-dimensional highly porous graphene with favorable methane adsorption,Chemical Engineering Journal,Vol. 304,pp. 784,2016.
26. N. Firoozi, H. Dehghani,Interfacial modification of TiO 2 nanoparticles by using carbonates of earth alkali metals as an efficient and simple approach for improving quantum dot sensitized solar cell performance,Electrochimica Acta,Vol. 191,pp. 987,2016.
27. F. S. Vajedi, H, Dehghani,Synthesis of titanium dioxide nanostructures by solvothermal method and their application in preparation of nanocomposite based on graphene,Journal of Materials Science,Vol. 51,pp. 1845,2016.
28. S. S. Khalili, H. Dehghani,Ca-doped CuS/graphene sheet nanocomposite as a highly catalytic counter electrode for improving quantum dot-sensitized solar cell performance,RSC Advances,Vol. 6,pp. 10880,2016.
29. M. Afrooz, H. Dehghani,Significant improvement of photocurrent in dye-sensitized solar cells by incorporation thiophene into electrolyte as an inexpensive and efficient additive,Organic Electronics,Vol. 29,pp. 57,2016.
30. R. Akbarzadeh, S. S. Khalili, H. Dehghani,Fabrication and study of optical and electrochemical properties of CdS nanoparticles and the GO–CdS nanocomposite,New Journal of Chemistry,Vol. 40,pp. 3528,2016.
31. N. Firoozi, H. Dehghani, M. Afrooz,Cobalt-doped cadmium sulfide nanoparticles as efficient strategy to enhance performance of quantum dot sensitized solar cells,Journal of Power Sources,Vol. 278,pp. 98,2015.
32. P. Golabi, R. Akbarzadeh, H. Dehghani,Facile preparation of PbS nanostructures and PbS/f-CNT nanocomposites using xanthate as sulfur source: Thermal and optical characterization,Journal of Alloys and Compounds,Vol. 647,pp. 539,2015.
33. O. Bagheri, H. Dehghani,Effect of Isonicotinate derivatives as additive on the photovoltaic performance of Carbazole-dye sensitized nanostructured TiO2 solar cells,Electrochimica Acta,Vol. 186,pp. 43,2015.
34. O. Bagheri, H. Dehghani, M. Afrooz,Pyridine derivatives; new efficient additives in bromide/tribromide electrolyte for dye sensitized solar cells,RSC Advances,Vol. 5,pp. 86191,2015.
35. M. Afrooz, H. Dehghani,First application of diethyl oxalate as efficient additive in high performance dye-sensitized solar cells based on iodide/triiodide electrolyte,Electrochimica Acta,Vol. 174,pp. 521,2015.
36. M. Afrooz, H. Dehghani,Effects of triphenyl phosphate as an inexpensive additive on the photovoltaic performance of dye-sensitized nanocrystalline TiO2 solar cells,RSC Advances,Vol. 5,pp. 50483,2015.
37. M. Afrooz, H. Dehghani,Enhanced photovoltaic properties of modified redox electrolyte in dye-sensitized solar cells using tributyl phosphate as additive,Journal of Power Sources,Vol. 262,pp. 140,2014.
38. R. Akbarzadeh, H. Dehghani, F. Behnoudnia,Sodium thiosulfate-assisted synthesis of NiS2 nanostructure by using nickel(II)-Salen precursor: optical and magnetic properties,Dalton Transactions,Vol. 43,pp. 16745,2014.
39. R. Akbarzadeh, H. Dehghani,A novel thermal reduction method towards the synthesis and growth of

two unlike morphologies of nickel nanostructures,Dalton Transactions,Vol. 43,pp. 5474,2014.
40. F Behnoudnia, H Dehghani,Influence of amine additives on morphology and phase of antimony(III) oxide nanostructures and study of their optical properties,RSC Advances,Vol. 4,pp. 39672,2014.
41. F. Behnoudnia, H. Dehghani,Anion effect on the control of morphology for NiC2O4·2H2O 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.
42. S. Bakhshayesh, H. Dehghani,Nickel and cobalt ferrites nanoparticles: synthesis, study of magnetic properties and their use as magnetic adsorbent for removing lead (II) ion,Journal of the Iranian Chemical Society,Vol. 11,pp. 769,2014.
43. N. Abedian, H. Dehghani,Novel molecular complexation between meso-tetraarylporphyrinato magnesium (II) and phosphorus (III) chloride,Inorganic Chemistry Communications,Vol. 36,pp. 77,2013.
44. R. Akbarzadeh, H. Dehghani,Polyrotaxane with □-conjugated porphyrin and polyazomethine systems prepared from a type of porphyrindialdehyde and complex of □-cyclodextrin with 1,4-phenylenediamine,Chinese Journal of Polymer Science (English Edition),Vol. 31,pp. 139,2013.
45. M. Mojiri , Foroushani, H. Dehghani, N. Salehi , Vanani,Enhancement of dye-sensitized solar 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.
46. S. Bakhshayesh, H. Dehghani,Synthesis of magnetite-porphyrin nanocomposite and its application as a novel magnetic adsorbent for removing heavy cations,Materials Research Bulletin,Vol. 48,pp. 2614,2013.
47. F. Behnoudnia, H. Dehghani,Copper(II) oxalate nanospheres and its usage in preparation of Cu(OH)2, Cu2O and CuO nanostructures: Synthesis and growth mechanism,Polyhedron,Vol. 12,pp. 102,2013.
48. F. Behnoudnia, H. Dehghani,Synthesis and characterization of novel three-dimensional-cauliflower-like nanostructure of lead (II) oxalate and its thermal decomposition for preparation of PbO,Inorganic Chemistry Communications,Vol. 24,pp. 32,2012.
49. H. Dehghani, H. Molaei,Synthesis and characterization of new molecular complexation between free base meso-tetraarylporphyrins and nitrosonium ion as □-acceptor,Inorganica Chimica Act,Vol. 384,pp. 133,2012.
50. H. Dehghani, S. Bakhshayesh, M. Shaterian, L. Motamedi,Sandwich Intermediate Sitting-atop Complexation between Free Base meso-tetraarylporphyrins and Tellurium (IV) chloride,Bulletin of the Korean Chemical Society,Vol. 31,pp. 815,2010.
51. H. Dehghani, R. Sahba, M. Afrooz, H. Mollaei,Molecular Complexation between Iodine(III) Chloride and Meso-tetraarylporphrins: Synthesis, Spectroscopic Characterization and Photoluminescence Study,Journal of the Chinese Chemical Society,Vol. 57,pp. 690,2010.
52. H. Dehghani, E. Jafari, M. R. Mansournia, F. Behnoudnia,Spectrophotometric studies of the 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.
53. H. Dehghani , S. Bakhshayesh , F. Behnoudnia,Synthesis of new sandwich intermediate sitting-atop complexes between meso-tetraarylporphyrins and germanium(IV) chloride,Inorganica Chimica Acta,Vol. 362,pp. 3025,2009.
54. H. Dehghani, M. Shaterian,Synthesis of new ionic intermediate sitting-atop complexes of free base meso-tetraarylporphyrin and phosphorus(V) chloride under solvent free conditions,Inorganica Chimica Acta,Vol. 362,pp. 2868,2009.
55. H. Dehghani, M. Bordbar, M. Mojiri ,& Foroushani, S. Karami, M. R. Mansournia,Synthesis, 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.
56. H. Dehghani, M. R. Mansournia,A spectrophotometric and thermodynamic study of the 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.
57. H. Dehghani, M. Shaterian,Synthesis under solvent free conditions and photoluminescence study of ionic intermediate sitting-atop complexes of meso-tetraarylporphyrins and phosphorus oxychloride,Inorganica Chimica Acta,Vol. 362,pp. 5151,2009.
58. H. Dehghani, M. R. Mansournia,Synthesis and Spectroscopic Characterization of the New 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.
59. H. Dehghani, M. Farshchian,Molecular interaction between free base meso-tetraarylporphyrins and o-chloranil,Journal of Heterocyclic Chemistry,Vol. 46,pp. 610,2009.
60. H. Dehghani, M. Shaterian,New Cationic Sandwich-type Intermediate Sitting-atop 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.
61. H. Dehghani, M. Shaterian,Synthesis of intermediate sitting-atop complexes (i-SAT) from the reaction between free base meso-tetraarylporphyrins and phosphorus(III) chloride in solvent free media,Polyhedron,Vol. 27,pp. 3263,2008.
62. H. Dehghani ,& M.R. Mansournia,Novel sitting-atop complexation between uranyl and meso-tetraarylporphyrins under mild conditions,Polyhedron,Vol. 27,pp. 849,2008.
63. H. Dehghani , M. Payam , M. R. Mansournia,Sitting-atop complex formation of free base meso-tetraarylporphyrins with zirconium(IV) chloride,Polyhedron,Vol. 27,pp. 2416,2008.
64. H.Dehghani ,& F.Fathi,Molecular complexation of meso-tetraphenylporphyrins with SO2,Dyes and Pigments,Vol. 77,pp. 323,2008.
65. H. Dehghani , M. Bordbar , S. Rezakhani , M. R. Mansournia,Spectrophotometric Studies of 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.
66. H. Dehghani ,& M. Babaahmadi,Synthesis and characterization of intermediate sitting-atop (i-SAT) complexes of free base meso-tetraarylporphyrins and tin(IV) chloride,Polyhedron,Vol. 27,pp. 2739,2008.
67. H. Dehghani , M. Bordbar , S. Rezakhani,Thermodynamic studies of sitting-atop complexation between free base meso-tetraarylporphyrins and antimony(III) chloride in chloroform,Journal of Coordination Chemistry,Vol. 61,pp. 1655,2008.
68. H. Dehghani ,& M. R. Mansournia,Thermodynamic studies of sitting-atop (SAT) complexation of uranyl and free base meso -tetraarylporphyrins,Journal of Coordination Chemistry,Vol. 61,pp. 2743,2008.
69. M. Mazloum Ardakani, P. Rahimi, H. Dehghani, P. Ebrahimi Karami, H. R. Zare, S. Karami,Electrocatalytic reduction of dioxygen on the surface of glassy carbon electrodes modified with cobalt porphyrin complexes,Electroanalysis,Vol. 19,pp. 2258,2007.
70. H. Dehghani ,& F. Fathi,Synthesis of 1:2 molecular complexes between free base meso-tetraarylporphyrins and sulfur trioxide,Journal of Porphyrins and Phthalocyanines,Vol. 11,pp. 742,2007.
71. Dehghani Hossein ,& Ansari Sardrood Ali Reza,Synthesis and Spectroscopic Characterization 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.
72. Hossein Dehghani ,& Ali Reza AnsariSardrood,Molecular complexation of free base meso-tetraarylporphyrins with antimony(III) chloride in free solvent media,Polyhedron,Vol. 26,pp. 4263,2007.
73. M. Mazloum Ardakani , H. Dehghani , M. Jalayer , H. R. Zare,Potentiometric determination of silver (I) by selective membrane electrode based on derivative of porphyrin,Analytical Sciences,Vol. 20,pp. 1667,2004.
74. M Mazloum Ardakani , HR Zare , H Dehghani , M Jalayer,Silver (I) ion selective membrane electrode based on derivative of porphine,Bulletin of Electrochemistry,Vol. 20,pp. 385,2004.
75. D. Mohajer ,& H. Dehghani,Preparation and Spectroscopic Characterization of 2 : 1 Molecular

Complexes of Tetracyanoethylene and meso-Tetraphenylporphyrins,Bulletin of the Chemical Society of Japan,Vol. 73,pp. 1477,2000.
76. D. Mohajer ,& H. Dehghani,Exclusive 2□1 molecular complexation of 2,3-dichloro-5,6-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.