

(CURRICULUM VITAE)

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Date & Place of Birth: May 19, 1962, Natanz, I.R. Iran.

ID Number: 14

Academic Position:

Professor of Organic Chemistry, Faculty of Chemistry, University of Kashan, I.R. Iran

Educations:

B.Sc. in Chemistry, University of Tehran Teacher Training, Tehran, I.R. Iran, 1987.

M.Sc. in Organic Chemistry, University of Shahid Beheshti, Tehran, I.R. Iran, 1991.

Thesis Title: Preparation and Characterisation of Bimetallic Catalysts for Hydrogenolysis of Saturated Hydrocarbons

Advisor: *Professor Mohammad Hassan Peyrovi-Professor Mohsen Ghalamkar Moazzam*

Ph.D. in Organic Chemistry, University of Shiraz, Shiraz, I.R. Iran, 1999

Thesis Title: Synthesis of Some New Schiff Base Compounds and Their complexes and Applications as New Catalysts in Organic Reactions

Advisor: *Professor Hashem Sharghi*

Experience:

September 1991 up to now:

Teaching Organic Chemistry I, II and III; Experimental Organic Chemistry; Synthesis of Organic Compounds; Advanced Organic Chemistry; Separation and Identification of Organic Compounds, Heterocyclic Chemistry; Reactive Intermediates, Special Topics in Organic Chemistry.

Research Interest:

Synthesis of Schiff Bases

Acylation Phenol and Naphtol Derivatives

Formylation of Phenol and Naphtol Derivatives

Synthesis of Dendrimers

Synthesis of Anthraquinon Derivatives

Multicomponent Reaction for Preparation of Schiff Bases

Synthesis of Haloalcohols from Ring Opening of Epoxides

Michael Addition Reaction of Amines to Unsaturated Ketones

Administrative Position:

2000-2002:

Vice Chancellor for Faculty of Science, University of Kashan, Kashan, I.R. Iran.

2002-up to now:

Manager of Postgraduate Studies

Affiliation:

Iranian Chemistry and Chemical Engineering Society

Iranian Nanotechnology Society

PUBLICATIONS

JOURNAL PAPERS

1. "Efficient, mild and highly regioselective cleavage of epoxides with elemental halogen catalyzed by PPI"
Hashem Sharghi and **Hossein Naeimi**, *Synlett*, **1998**, 1343-1344.
2. "Schiff base complexes of metal (II) as new catalysts in the high-regioselective conversion of epoxides to halo alcohols by means of elemental halogen"
Hashem Sharghi and **Hossein Naeimi**, *Bull. Chem. Soc. of Jpn.*, **1999**, 72, 1525-1531.
3. "Metalloporphyrins as new catalysts in the highly regioselective conversion of epoxides to halohydrins with molecular halogen"
Hashem Sharghi and **Hossein Naeimi**, *J. Chem. Res., (s)*, **1999**, 310-311.
4. "Metalloporphyrins as new catalysts in the highly regioselective conversion of epoxides to halohydrins with molecular halogen"
Hashem Sharghi and **Hossein Naeimi**, *J. Chem. Res., (m)*, **1999**, 1357-1372.
5. "Spectrophotometric study of new Schiff base complexes with some metal ions in methanol solution"
Hashem Sharghi and **Hossein Naeimi**, *Iran., J. Chem. & Chem. Eng.*, **1999**, 18, 72-78.
6. "Synthesis of a new naphthol-derivative salen and spectrophotometric study of the thermodynamics and kinetics of its complexation with copper(II) ion in binary dimethylsulfoxide-acetonitrile mixtures"
Nader Alizadeh, Sohrab Ershad, **Hossein Naeimi**, Hashem Sharghi and Mojtaba Shamsipur, *Polish J. Chem.*, **1999**, 915-927.
7. "Copper(II)-selective membrane electrode based on a recently synthesized naphthol-derivative Schiff's base"
Nader Alizadeh, Sohrab Ershad, **Hossein Naeimi**, Hashem Sharghi and Mojtaba Shamsipur, *Fresenius, J. Anal. Chem.*, **1999**, 365, 511.
8. "Iodide ion-selective PVC membrane electrode based on a recently synthesized salen-Mn(II) complex"
Mojtaba Shamsipur, Susan Sadeghi, **Hossein Naeimi** and Hashem Sharghi, *Polish J. Chem.*, **2000**, 231-238.
9. "Solide phase extraction of ultra trace copper(II) using octadecyl silica membrane disks modified by a naphthol derivative Schiff's base"

Mojtaba Shamsipur, Ali Reza Ghisvand, Hashem Sharghi and **Hossein Naeimi**, *Anal. Chim. Acta*, **2000**, 271-277.

10. “A Schiff base complex of Zn(II) as a neutral carrier for highly selective PVC memberane sensors for the sulfate ion”

Mojtaba Shamsipur, Mohammad Yousefi, Morteza Hosseini, Mohammad Reza Ganjali, Hashem Sharghi and **Hossein Naeimi**, *Anal. Chem.*, **2001**, 73, 2869.

11. “High Performance liquid chromatography determination of formitol”

Nasser Foroughifar, Akbar Mobinikhaledi, Mahmood Tajbakhsh and **Hossein Naeimi**, *Asian J. of Chem.*, **2002**, 1101-1103.

12. “Highly selective lead(II) coated-wire electrode based on a new Schiff base”

Mohammad Mazloun Ardakani, Ali Asghar Ensafi, **Hossein Naeimi**, Ali Dastanpour and Abolghasem Shamlli, *Sensors and Actuators B*, **2003**, 441–445.

13. “Coated, Wire-Based , New Schiff Base Potentiometric Sensor for Lead(II) Ion”

Mohammad Mazloun Ardakani, Ali Asghar Ensafi, **Hossein Naeimi**, Ali Dastanpour and Abolghasem Shamlli, *Russian, J. of Electrochemistry*, **2003**, 39, 269-273.

14. “Copper Ion Selective Membrane Electrodes Based on Some Schiff Base Derivatives”

Susan Sadeghi, Mohammad Eslahi, Mohammad Ali Naseri, **Hossein Naeimi**, Hashem Sharghi and Abolghasem Shameli, *Electroanalysis*, **2003**, 15, 1327-1333.

15. “Selective determination of trace copper(II) by cathodic adsorptive stripping voltammetry with a naphthol-derivative Schiff,s base”

Mojtaba Shamsipur, Mahbubeh Saeidi, Hashem Sharghi and **Hossein Naeimi**, *Annali di Chimica*, **2003**, 93, 561-569.

16. “The crystal and molecular structure of N,N’-3,6-dioxa-1,8-octanebis(salicyl-aldimine),C₂₀H₂₄N₂O₄”

Bizhan Etemadi, Abbass Taeb, Hashem Sharghi, A. Tajarodi and **Hossein Naeimi**, *Iran. J. of Sci. & Technology, Trans. A*, **2004**, 28, 79-83.

17. “Determination of nickel in natural waters by FAAS after sorption on octadecyl silica membrane disks modified with a recently synthesized Schiff,s base”

Afshin Rajabi Khorrami, **Hossein Naeimi** and Ali Reza Fakhari, *Talanta*, **2004**, 64, 13-17.

18. “Microwave assisted direct ortho-acylation of phenol and naphthol derivative by BF₃.(C₂H₅)₂”

Hossein Naeimi and Leila Moradi, *Bull. Chem. Soc. of Jpn.*, **2005**, 78,

19. “UO₂²⁺ ion-selective memberane electrode based on a naphthol-derivative Schiff,s base 2,2’-[1,2-ethandiy]bis(nitriloethylidene)]bis(1-naphthalene)”

Mojtaba Shamsipur, Mahbubeh Saeidi, Abdullah Yari, Ali Yaganeh-Faal, Mohammad Hossein Mashhadizadeh, Gholamhasan Azimi, **Hossein Naeimi** and Hashem Sharghi, *Bull. Korean Chem. Soc.*, **2004**, 25,629-633.

20. "The interaction between hexadecylammonium bromide to poly(ethylene glycol) with different molecular weights and some Schiff-bases investigated by surfactant ion selective electrode"
Sayed Mehdi Ghoreishi, **Hossein Naeimi**, and Mohammad Davodi Navid, *Bull. Korean Chem. Soc.*, **2005**, 26, 548-552.
21. "Copper-selective PVC membrane electrodes based on salens as carriers"
Ali Reza Fakhari , Termeh Ahmad Raji, **Hossein Naeimi**, *Sensors and Actuators B*, **2005**, 104, 317-323.
22. "Synthesis and analytical application of a novel tetradentate N₂O₂ Schiff base as a chromogenic reagent for determination of nickel in some natural food samples"
Ali Reza Fakhari , Afshin Rajabi Khorrami and **Hossein Naeimi**, *Talanta*, **2005**, 66, 813-817.
23. "An Agarose-Schiff's Base Chelating Adsorbent for Preconcentration and Flame Atomic Absorption Spectrophotometric Determination of Cu(II) in Water Samples"
Payman Hashemi, Shahrokh Bagheri and **Hossein Naeimi**, *Asian J. of Chem.*, **2005**, 17, 1844-1852.
24. "Preparation of a Novel Agarose-Salen Adsorbent and its Use for Efficient Column Preconcentration and Flame AAS Determination of Lead in Water"
Payman Hashemi, Hatam Hassanvand, **Hossein Naeimi** and Ali Reza Ghisvand, *Microchim. Acta*, **2005**, 150, 147-151.
25. "Perchlorate-Selective Membrane Electrode Based on a New Complex of Uranil"
Mohammad Mazloun Ardakani, Maryam Jalayer, **Hossein Naeimi**, Hamid Reza Zare and Leila Moradi, *Anal. Bioanal. Chem.*, **2005**, 381, 1186-1192.
26. "Highly Selective Oxalate-Membrane Electrode Based on 2,2'-[1,4-butandiyle bis (nitrilopropylidene)]bis-1-naphtholato Copper(II)"
Mohammad Mazloun Ardakani, Maryam Jalayer, **Hossein Naeimi**, Arash Heidarneshad and Hamid Reza Zare, *Biosensors and Bioelectronics*, **2006**, 21, 1156-1162.
27. "Thiocyanate Ion-Selective PVC Membrane Electrode Based on N, N'-Ethylene-bis(4-methyl-salicylidineiminato) Nickel(II)"
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- 29 "Oxidation of α -Hydroxy Ketones to Diketones by Iodic Acid Supported on Alumina"
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30. "PVC-Based Cu(II)-Schiff Base Complex Membrane Coated Graphite Electrode for the Determination of the Triiodide Ion"

Susan Sadeghi, A. Gafarzadeh and **Hossein Naeimi**, *J. of Anal. Chem.*, **2006**, 61, 677-682.

31. “Novel Triiodide Ion-Selective Polymeric Membrane Electrodes Based on Some Transition Metal-Schiff Base Complexes”

Susan Sadeghi, Fatemeh Fathi, Abbas Ali Esmaeili and **Hossein Naeimi**, *Sensors and Actuators B*, **2006**, 114, 928-935.

32. “Copper(II) Ion Selective Liquid Membrane Electrode Based on New Schiff Base Carrier”

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33. “Facile, Convenient and Regioselective Direct Ortho Acylation of Phenols and Naphthols Catalyzed by Lewis Acids under Free Solvent and Microwave Conditions”

Hossein Naeimi and Leila Moradi, *J. of Molecular Catalysis A, Chemical*, **2006**, 256, 242-246.

34. “Efficient and Mild Synthesis of Orthohydroxyaryl Ketones Catalyzed by Zinc Chloride under Solvent-Free Condition and Microwave Irradiation”

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35. “Mild and Convenient One Pot Synthesis of Schiff Bases in the Presence of P₂O₅/Al₂O₃ as New Catalyst under Solvent-Free Conditions”

Hossein Naeimi, Fariba Salimi and Khadigeh Rabiei, *J. of Molecular Catalysis A*, **2006**, 260, 100-104.

36. “Metal (II) Schiff Base Complexes as New Catalysts in the Efficient, Mild and Highly Regioselective Conversion of Epoxides to β -Hydroxy Nitriles in Glycol Solvents”

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37. “Regioselective Ortho-Acylation of Phenol and Naphthol Derivatives Catalyzed by FeCl₃ under Microwave Conditions”

Hossein Naeimi and Leila Moradi, *Russian Journal of Organic Chemistry*, **2007**, 43 (12), 1757-1759.

38. “Synthesis of Schiff Base Ligands Derived from Condensation of Salicylaldehyde Derivatives and Synthetic Diamine”

Hossein Naeimi, Javad Safari and Arash Heidarneshad, *Dyes and Pigments*, **2007**, 73(2) 251-253.

39. “Electrocatalytic Oxidation of Cysteine by Quinizarine at Glassy Carbon Electrode”

Mohammad Mazloum Ardakani, Parvaneh Rahimi, Payam Ebrahimi Karami, Hamid Reza Zare and **Hossein Naeimi**, *Sensors and Actuators B: Chemical*, **2007**, 123, 763-768.

40. “Electrocatalytic hydrazine oxidation on quinizarine modified glassy carbon electrode” Mohammad Mazloum Ardakani, Payam Ebrahimi karami, Parvaneh

Rahimi, Hamid Reza Zare and **Hossein Naeimi**, *Electrochimica Acta*, **2007**, 52, 6118-6124.

41 “Rapid, Efficient and Facile Synthesis and Characterization of Novel Schiff Bases & Their Complexes with Transition Metal Ions”

Hossein Naeimi, Khadigeh Rabiei and Fariba Salimi, *Dyes and Pigments*, **2007**, 75, 294-297.

42. “A Selective Membrane Electrode for Thiocyanate Ion Based on N, N'-1,1-Iso butanebis-salicylaldehydiminato) Uranyl (II)”

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43. “Efficient Preconcentration of Cu^{2+} , Zn^{2+} and Fe^{2+} with an Agarose-Schiff Base Sorbent”

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44. “A Rapid and Efficient Method for Synthesis of New 3-Arylideneisobenzofuran-1(3H)-one Derivatives under Solvent-Free and Microwave Conditions”

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45. “Convenient, Mild and One-Pot Synthesis of Double Schiff Bases from Three Component Reaction of Salicylaldehyde, Ammonium Acetate and Aliphatic Aldehydes Accelerated by NEt_3 as a Base”

Hossein Naeimi and Khadigeh Rabiei, *Journal of the Chinese Chemical Society*, **2007**, 54, 1293-1298.

46. “Novel Copper(II)-Selective Membrane Electrode Based on a New Synthesized Schiff Base”

Morteza Akhond, Mohammad Bagher Najafi, Hashem Sharghi, Javad Tashkhourian and **Hossein Naeimi**, *Journal of the Chinese Chemical Society*, **2007**, 54 , 331-337.

47. “Facile and Efficient Method for Preparation of Schiff Bases Catalyzed by $\text{P}_2\text{O}_5/\text{SiO}_2$ under Free Solvent Conditions”

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48. “Efficient, One Pot Synthesis of Anthraquinone Derivatives Catalyzed by Using Lewis Acid/Sulfuric Acid as New Reagent under Heterogeneous and Mild Conditions”

Hossein Naeimi, Roozbeh Namdari, *Chinese J. Catal.*, **2008**, 29, 86–90.

49. “Convenient, Mild and Rapid Synthesis and Characterization of Some Schiff Base Ligands & Their Complexes with Uranyl (II) Ion”

Hossein Naeimi, Fariba Salimi and Khadigeh Rabiei, *J. of Coord. Chem.*, **2008**, 61, 3659–3665.

50. “Efficient, Convenient and Mild Three Component Template Preparation and Characterization of Some New Schiff Base Complexes”

Hossein Naeimi and Maryam Nejati Barzoky, *Journal of the Chinese Chemical Society*, **2008**, *55*, 858-862.

51. “Electrocatalytic Oxidation of Hydroxylamine at a Quinizarine Modified Glassy Carbon Electrode: Application to Differential Pulse Voltammetry Detection of Hydroxylamine”

Mohammad Mazloun Ardakani, Payam Ebrahimi Karami, **Hossein Naeimi** and Bibifatemeh Mirjalili, *Turk. J. Chem.*, **2008**, *32*, 571–584.

52. “Electrochemical Behavior of Ascorbic Acid at a 2,2’-[3,6-Dioxa-1,8-octanediyl]-bis(nitriloethylidyne)]-bis-hydroquinone Carbon Paste Electrode”

Zahra Taleat, Mohammad Mazloun Ardakani, **Hossein Naeimi**, Hadi Beitollahi, Maryam Nejati, and Hamid Reza Zare, *Analytical Sciences*, **2008**, *24*, 1039-1044.

53. “Novel 2,2’-[1,2-Ethanediylobis(nitriloethylidyne)]-bis-hydroquinone Double-Wall Carbon Nanotube Paste Electrode for Simultaneous Determination of Epinephrine, Uric Acid and Folic Acid”

Hadi Beitollahi, Mohammad Mazloun Ardakani, Bahram Ganjipour and **Hossein Naeimi**, *Biosensors and Bioelectronics*, **2008**, *24*, 362–368.

54. “Efficient, mild and one pot synthesis of novel N, N'-bis(salicylidene)-aryl-methanediamines through three component reaction in the presence of a base as catalyst under solvent free conditions”

Hossein Naeimi, Khadigeh Rabiei and Fariba Salimi, *Bull. Korean Chem. Soc.*, **2008**, *29*, 2445.

55. “Convenient, Mild and Highly Regioselective Preparation of Haloalcohols From the Reaction of Epoxides with Elemental Halogen Catalyzed by Hexamethylene-tetramine (HMTA)”

Hossein Naeimi, *Journal of the Chinese Chemical Society*, **2008**, *55*, 1156-1159.

56. “Synthesis and characterization of novel Schiff bases contain heterocyclic ring through one pot two and three component reactions in mild conditions”

Hossein Naeimi, Khadigeh Rabiei, *Journal of the Korean Chemical Society*, **2008**, *52*, 511-514.

57. “Alumina-supported metal (II) Schiff base complexes as heterogeneous catalysts in the high-regioselective cleavage of epoxides to halohydrins by using elemental halogen”

Hossein Naeimi and Mohsen Moradian, *Polyhedron*, **2008**, *27*, 3639–3645.

58. “Electrocatalytic Oxidation of Sulfite by Quinizarine at Carbon Paste Electrode”

Mohammad Mazloun Ardakani, Fahime Habibollahi, Hamid Reza Zare and **Hossein Naeimi**, *Int. J. Electrochem. Sci.*, **2008**, 1236–1247.

59. “Preparation of Phenytoin Derivatives Under Solvent-Free Conditions Using Microwave Irradiation”

Javad Safari, **Hossein Naeimi**, Mohammed Mehdi Ghanbari and Omolbanin Sabzi Fini, *Russian J. of Org. Chem.*, **2009**, 477-479.

- 60.** “Electrochemical Characterization of 2, 2’-[1, 2-Ethanediybis (nitriloethylidyne)]-bis-hydroquinone-Carbon Nanotube Paste Electrode and its Application to Simultaneous Voltammetric Determination of Ascorbic Acid and Uric Acid”
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- 61.** “Efficient and Mild Synthesis of Novel Schiff Bases Via One Pot Three Component Reaction under Solvent Free Conditions”
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- 62.** “Template synthesis of some double Schiff-base metal(II) complexes through one pot four component reactions under mild and convenient conditions”
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- 63.** “Rapid, efficient and one pot synthesis of anthraquinone derivatives catalyzed by Lewis acid/methanesulfonic acid under heterogeneous conditions”
Hossein Naeimi and Roozbeh Namdari, *Dyes and Pigments*, **2009**, 81, 259-263.
- 64.** “Electrochemical and catalytic investigations of dopamine and uric acid by modified carbon nanotube paste electrode”
Mohammad Mazloun Ardakani, Hadi Beitollahi, Bahram Ganjipour, **Hossein Naeimi**, Maryam Nejati, *Bioelectrochemistry*, **2009**, 75, 1-8.
- 65.** “Pre-concentration of ultra trace amounts of copper, zinc, cobalt and nickel in environmental water samples using modified C18 extraction disks and determination by inductively coupled plasma–optical emission spectrometry”
Afshin Rajabi Khorrami, Ali Reza Fakhari, Mojtaba Shamsipur and **Hossein Naeimi**, *Intern. J. Environ. Anal. Chem.* **2009**, 89, 319–329.
- 66.** “Fabrication of Modified TiO₂ Nanoparticle Carbon Paste Electrode for Simultaneous Determination of Dopamine, Uric Acid and L-Cysteine”
Mohammad Mazloun Ardakani, A. Talebi, **Hossein Naeimi**, Maryam Nejati Barzoky and Nima Taghavinia, *J. Solid State Electrochem.*, **2009**, 13, 1433-1440.
- 67.** “Electrocatalytic oxidation of ascorbic acid at a 2, 2’-(1,8-octanediybisnitriloethylidyne)-bis-hydroquinone modified carbon paste electrode”
Mohammad Mazloun-Ardakani, Fahime Habibollahi, Hamid Reza Zare, **Hossein Naeimi** and Maryam Nejati, *J. Appl. Electrochem.*, **2009**, 39, 1117–1124.
- 68.** “Efficient and facile one pot carboxylation of multiwalled carbon nanotubes by using oxidation with ozone under mild conditions”
Hossein Naeimi, Ali Mohajeri, Leila Moradi and Ali Morad Rashidi, *Applied Surface Science*, **2009**, 256, 631-635.
- 69.** “Synthesis and characterization of some novel nitro-Schiff bases and their complexes of Co(II) derived from synthetic 5-nitro-salicylaldehyde and various diamines”
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70. "Simultaneous determination of epinephrine and acetaminophen concentrations using a novel carbon paste electrode prepared with 2,2'-[1,2-butanediylbis-(nitriloethylidene)]-bis hydroquinone and TiO₂ nanoparticles"
 Mohammad Mazloun-Ardakani, Hadi Beitollahi, Mohammad Ali Sheikh Mohseni, Ali Benvidi, **Hossein Naeimi**, Maryam Nejati Barzoky and Nima Taghavinia, *Colloids and Surfaces B: Biointerfaces*, **2010**, 82-87.
71. "Electrocatalytic oxidation of dopamine on 2,2'-[3,6-dioxo-1,8-octanediylbis(nitriloethylidene)]-bis-hydroquinone modified carbon paste electrode"
 Mohammad Mazloun-Ardakani, Zahra Taleat, Hadi Beitollahi and **Hossein Naeimi**, *Anal. Methods*, **2010**, 2, 149–153.
72. "2, 2'-(1,3-Propanediylbisnitriloethylidene)bis-hydroquinone/TiO₂ nanoparticles modified carbon paste electrode for selective determination of dopamine in the presence of uric acid and tryptophan"
 Mohammad Mazloun-Ardakani, Rezvan Arazi, Hadi Beitollahi and **Hossein Naeimi**, *Anal. Methods*, **2010**, 2, 1078–1084.
73. "Novel Carbon Nanotube Paste Electrode for Simultaneous Determination of Norepinephrine, Uric Acid and D-Penicillamine"
 Mohammad Mazloun-Ardakani, Hadi Beitollahi, Bahram Ganjipour and **Hossein Naeimi**, *Int. J. Electrochem. Sci.*, **2010**, 5, 531-546.
74. "Electrochemical determination of vitamin C in the presence of uric acid by a novel TiO₂ nanoparticles modified carbon paste electrode"
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75. "Selective voltammetric determination of D-penicillamine in the presence of tryptophan at a modified carbon paste electrode incorporating TiO₂ nanoparticles and quinizarine"
 Mohammad Mazloun-Ardakani, Hadi Beitollahi, Zahra Taleat, **Hossein Naeimi** and Nima Taghavinia, *J. Electroanalytical Chemistry*, **2010**, 644, 1–6.
76. "Corrosion inhibition of mild steel in hydrochloric acid solution by some double Schiff bases"
 Nasrin Soltani, Mohsen Behpour, Seyed Mehdi Ghoreishi, and **Hossein Naeimi**, *Corrosion Science*, **2010**, 52, 1351–1361.
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78. "Preparation of TiO₂ Nanoparticles/2,2'-(1,3-propanediylbisnitriloethylidene)bis-Hydroquinone Carbon Paste Electrode and Its Application for Simultaneous Sensing of Trace Amounts of Ascorbic acid, Uric acid and Folic acid"
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79. "Study of the bioactive and fragrant constituents extracted from leaves and aerial parts of *Haplophyllum glaberrimum* Bge ex Bioss from central Iran by nano scale injection"

Abdolhamid Bamoniri, Bi Bi Fatemeh, Mirjalili, Asma Mazooch, **Hossein Naeimi** Hassan Golchin and Hossein Batooli, *Digest Journal of Nanomaterials and Biostructures*, **2010**, 5, 169–172.

80. "Determination of Ascorbic Acid in the Presence of Uric Acid and Folic Acid by a Nanostructured Electrochemical Sensor Based on a TiO₂ Nanoparticle Carbon Paste Electrode"

Mohammad Mazloun Ardakani, Afsaneh Talebi, Hadi Beitollahi, **Hossein Naeimi** and Nima Taghavini, *Analytical Letters*, **2010**, 43, 2618–2630.

81. "Voltammetric determination of hydroxylamine at the surface of a quinizarine/TiO₂ nanoparticles-modified carbon paste electrode"

Mohammad Mazloun-Ardakani, Hadi Beitollahi, Zahra Taleat and **Hossein Naeimi**, *Anal. Methods*, **2010**, 2, 11, 1764-1769.

82. "Nanomolar concentrations determination of hydrazine by a modified carbon paste electrode incorporating TiO₂ nanoparticles"

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83. "Simultaneous determination of dopamine, uric acid, and folic acid by a modified TiO₂ nanoparticles carbon paste electrode"

Mohammad Mazloun-Ardakani, Mohammad Ali Sheikh Mohseni, Hadi Beitollahi, Ali Benvidi and **Hossein Naeimi**, *Turk. J. Chem.*, **2011**, 35, 573–585.

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Hossein Naeimi and Khadijeh Rabiei, *Chinese Chemical Letters*, **2011**, 22, 1273–1276.

85. "Electrocatalytic determination of epinephrine and uric acid using a novel hydroquinone modified carbon paste electrode"

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