



University of Kashan

CURRICULUM VITAE

*MOHSEN
BEHPOUR*

University Education

Ph .D. Studies in Chemistry (Electrochemistry) 1993-1999:

Title: Column preconcentration of Al^{+3} and Hg^{+2} on naphthalene adsorbent... determination of Cu^{+2} and Kinetic-squar wave...

Department of Chemistry, Faculty of Science, University of Shahid Chamran, Ahwaz, Iran

1988-1991: M. Sc. Studies in Chemistry (Analytical Chemistry)

Title: Effect of different method and matrix of sample on determination of metals and separation and purification of Alkaloids of Prosopis Stephaniana and Prosopis Julflora

Department of Chemistry, Faculty of Science, University of Shahid Chamran ,Ahwaz, IRAN

1984-1988: B.Sc.Studies in Chemistry

Department of Chemistry, Faculty of Science, University of Isfahan, Isfahan, IRAN

Work Experience

- ✓ 1990-1991: Analytical Chemistry lecturer (courses and labs)
Shahid Chamran University, Ahwaz, IRAN
- ✓ 1991-2011: Analytical Chemistry lecturer (Courses and labs)
Kashan University, Kashan, IRAN

Teaching Experience

❖ Undergraduate

1. Analytical Chemistry I & II
2. Instrumental Analysis
3. Analytical Chemistry Lab.
4. Instrumental Analysis Lab.
5. Water and Waste water treatment
6. Corrosion

❖ *Graduate*

1. Advanced Electroanalytical Chemistry
2. Advanced Analytical Chemistry
3. Spectroscopy I&II

❖ *Ph.D*

1. Laser in Analytical Chemistry
2. Electrochemistry in non aqueous solution

Research Experience

1. Photo degradation by nano partial
2. Nano particle for weast water tretment
3. Column preconcentration methods
4. Ion-Selective Electrode
5. Corrosion
6. Photocatacaltytic reaction system for decomposition of compounds
7. Essntial oil
8. Electrochemistry of charge and decharge of new batteries (prepared by nano techqnic)

Books

1. Infrared and Raman Spectroscopy
2. Luminescence Spectroscopy
3. Electrophoresis

Journal Papers

1) Catalytic Spectrophotometric Determination of Trace Amount of Copper (II) Based on the oxidation of 2,4-Dinitrophenylhydrazon-1,2-naphthoquinon-4-Sulfonic Acid by Hydrogen Peroxide

Nahid Pourreza, **Mohsen Behpour**

Analytical Sciences, 1998, 14, 997-999

2) Column Preconcentration of Aluminum Using Eriochrome Cyanine R and Methyltrioctylammonium Chlorid Adsorbent Supported on Naphthalene with Subsequent Spectrophotometric Determination

Nahid Pourreza, **Mohsen Behpour**

Microchemical Journal 1999, 63, 250-256

3) Column preconcentration of Mercury as HgI_4^{2-} using methyltrioctylammonium chloride-naphthalene adsorbent with subsequent anodic stripping differential pulse voltametric determination

Analytical Chimica Acta 2003, 481, 23-28

Nahid Pourreza, **Mohsen Behpour**

4) Column preconcentration of gold by adsorbing AuCl_4^- onto methyltrioctylammonium chloride naphthalene and subsequent atomic absorption spectrometric determination

M. Behpour, A. M. Attaran, S. M. Ghoreishi, N. Soltani

Analytical and Bioanalytical Chemistry (ABC) 2005, 382, 444-447

5) Solid phase extraction of arsenic by sorption on naphthalene-methyltrioctylammonium chloride and spectrophotometric determination Solid phase extraction of arsenic by sorption on naphthalene-methyltrioctylammonium chloride and spectrophotometric determination

M.Behpour, S.M. Ghoreishi, S. Salehi

Acta Chimica Slovenica 2005, 52, 323-327

6) Salting-out effect of NaCl and KCl on the ternary LLE data for the systems of (water + propionic acid + isopropyl methyl ketone) and of (water + propionic acid + isobutyl methyl ketone)

G.R. Vakili-Nezhaad, M. Mohsen-Nia, V. Taghikhani, **M. Behpour**, M. Aghahosseini

J. Chem. Thermodynamics 2004, 36, 341-348

7) A novel naphazoline-selective membrane sensor and its pharmaceutical applications

M. Behpour, M. Nabi S.M. Ghoreishi

8) Study of interaction between a cationic surfactant and two anionic azo dyes by ion-selective electrode technique and spectrophotometry

S.M. Ghoreishi, **M.Behpour**, A.Ghafari

Dyes and Pigments, 2007, 74, 585-589.

9) Electromotive Force Studies Associated with the Binding of Tetradecylpyridinium Bromide and Hexadecyltrimethylammonium Bromide to Poly (Ethylene Glycol), Poly (Vinyl Alcohol) and (Vinyl Acetate Ethylene) Copolymer

S. M.Ghoreishi, **M. Behpour** and F. Ebrahimi.

Ind. J. Chem., 54A, 2006, 2026-2030

10) Absorptions of hydrogen in Ag-CNTs electrode

B.Khoshnevisan, **M.Behpour**, S.M.Ghoreishi, M. Hemmati

International Journal of hydrogen Energy, 2007, 3860-3863

11) Evaluating two new synthesized S-N Schiff bases on the corrosion of copper in 15% hydrochloric acid

M. Behpour, S. M. Ghoreishi, M. Salavati-Niasari, B. Ebrahimi

Journal of Materials chemistry and Physics 107, 2008, 153-157

12) Electrochemical and theoretical investigation on the corrosion inhibition of mild steel by thiosalicylaldehyde derivatives in hydrochloric acid solution

M.Behpour, S.M.Ghoreishi, N. Soltani, M. Salavati, M. Hamadani, A. Gandomi

Corrosion Science 50, 2008, 2172-2181

13) The inhibition of mild steel corrosion in hydrochloric acid media by two Schiff base compounds

M.Behpour, S.M.Ghoreishi, A.Gandomi, N. Soltani, M. Salavati-Niasari

J. Mater Sci 44, 2009, 2444-2453

14) Inhibition of 304 stainless steel corrosion in acidic solution by Ferula gumosa (galbanum) extract

M.Behpour, S.M.Ghoreishi, M. Khayat Kashani, N. Soltani

Materials and corrosion 2009,

15) The inhibitive effect of some bis-N,S-bidentate Schiff bases on corrosion behavior of 304 stainless steel in hydrochloric acid solution

M.Behpour, S.M.Ghoreishi, N. Soltani, M. Salavati-Niasari

16) Study of inclusion complex formation between a cationic surfactant, two cyclodextrins and drug

S. M. Ghoreishi, **M.Behpour**, M. Golastaneh

J Incl Phenom Macrocycl Chem 2008, 62, 279-284

17) Interaction of Anionic Azo Dye and TTAB- Cationic Surfactant

S. M. Ghoreishi, **M.Behpour**, M. Shabani

J. Braz. Chem. Soc. 2009, 20

18) Optimization of hydrogen uptake in Ag – CNTs electrode with charge – discharge cyclic currents

B. Khoshnevisan, **M.Behpour**, D. Kaveh

Physica B 2009, 404

19) Electropolymerized polyaniline coatings on aluminum alloy 3004 and their corrosion protection performance

M. Shabani-nooshabadi, S.M. Ghoreishi, M. **Behpour**

Electrochimica Acta 2009, 54

20) Nano scale injection for determination of chemical composition and antioxidant activity of the essential oils and methanolic extracts from Foeniculum vulgare Mill. Cultivated in central Iran

A. Bamoniri, A. Mazoochi, A. H. Ebrahim, B. F. Mirjalili, **M. Behpour**, J. Safaei, H. Batooli

Journal of optoelectronics and advanced materials, 8 Aug. 2009

21) Chemical composition by nano scale injection and antioxidant activity of Cleome iberica DC

A. Bamoniri, A. Mazoochi, A. H. Ebrahim, B. F. Mirjalili, **M. Behpour**, J. Safaei, H. Batooli

Journal of optoelectronics and advanced materials, 8 Aug. 2009

M.Motahary, S.M.Ghoreishi, **M.Behpour**, M.Golestaneh

22) Effect of Atenolol on the Interaction between Direct Red 16 or Direct orange 26 and TTAB

Analytical and Bioanalytical Electrochemistry, 2 (2010), 67-78

S.M.Ghoreishi, **M.Behpour**, M.Golestaneh, S.Nahvi

23) Electrochemical and theoretical investigation on the corrosion inhibition of mild steel by thiosalicylaldehyde derivatives in hydrochloric acid solution

Corrosion Science, 50 (2008), 2172-2181

M.Behpour, S.M.Ghoreishi, N.Soltani, M.Salavati-Niasari, M.Hamadianian, A.Gandomi

24) The inhibitive effect of some bis-N,S-bidentate Schiff bases on corrosion behavior of 304 stainless steel in hydrochloric acid solution

Corrosion Science, 51 (2009), 1073-1082

M.Behpour, S.M.Ghoreishi, N.Soltani, M.Salavati-Niasari

25) The inhibition of mild steel corrosion in hydrochloric acid media by two Schiff base compounds

J. Mater Sci, 44 (2009), 2444-2453

M.Behpour, S.M.Ghoreishi, A. Gandomi, N.Soltani, M.Salavati-Niasari

26) Inhibition of 304 stainless steel corrosion in acidic solution by Ferula gumosa (galbanum) extract

Materials and corrosion, 60 (2009) 897

M.Behpour, S.M.Ghoreishi, M.Khayat-Kashani, N.Soltani

27) Investigation of some Schiff base compounds containing disulfide bond as HCl corrosion inhibitors for mild steel

Corrosion Science, 52 (2010) 4046-4057

M.Behpour, S.M.Ghoreishi, N.Soltani, M.Salavati-Niasari, N.Mohammadi

28) Corrosion inhibition of mild steel in hydrochloric acid solution by some double Schiff bases

Corrosion Science, 52 (2010), 1351-1361

N. Soltani, **M.Behpour**, S.M.Ghoreishi, H.Naeimi

29) Nanogold-modified carbon paste electrode for the determination of Atenolol in pharmaceutical formulations and urine by voltammetric methods

Bull. Korean Chem. Soc., 31 (2010), 845-849

M.Behpour, E.Honarmand, S.M.Ghoreishi,

30) Photocatalytic activity of TiO₂/Ag nanoparticle on degradation of water pollutions

Digest Journal of Nanomaterials and Biostructures, 5 (2010), 467-475

M.Behpour, S.M.Ghoreishi, F.S. Razavi

31) Simultaneous preconcentration of lead and cadmium ions with methyltriethylammonium chloride supported on microcrystalline naphthalene and determination by flame atomic absorption spectrometry

European Journal of Chemistry, 3 (2010), 196-200

M. Behpour, N. Soltani, S. M. Ghoreishi

32) A gold Nanoparticle-Modified Carbon Paste Electrode as a sensor for Simultaneous Determination of acetaminophen and Atenolol

International Journal of Electrochemical Science, 5 (2010), 1922-1933

M.Behpour, S.M.Ghoreishi, E. Honarmand

33) New applied method for simultaneous determination of ellagic and tannic acid by multi-wall carbon nanotube paste electrode: application in quantification *punica granatum* and *quercus infectoria*

Digest Journal of Nanomaterials and Biostructures, 5 (2010) 1055-1065

S.M.Ghoreishi, **M.Behpour**, M.K.Kashani, M.H. Motagadifard

34) Electrochemical determination of acetaminophen at the surface of a glassy carbon electrode modified with multi-walled carbon nanotube

Digest Journal of Nanomaterials and Biostructures, 5 (2010) 1055-1065

S.M.Ghoreishi, **M.Behpour**, E. Hajisadeghian, M. Golestaneh

35) Preparation and Optimization of a Ketotifen Sensor and its Pharmaceutical Applications

Analytical & Bioanalytical Electrochemistry, 2 (2010), 112-124

S.M.Ghoreishi, **M.Behpour**, H. Ahmadi Zahrani, M. Golestaneh

36) A Gold Nanoparticle-Modified Carbon Paste Electrode as a Sensor for Simultaneous Determination of Acetaminophen and Atenolol

Int. J. Electrochem. Sci., 5(2010) 1922-1933

M. Behpour, S. M. Ghoreishi, E. Honarmand

37) A novel N, N0-[1, 10-Dithiobis (phenyl)] bis(salicylaldehyde) self-assembled gold electrode for determination of dopamine in the presence of high concentration of ascorbic acid

Journal of Electroanalytical Chemistry, 653 (2011) 75-80

M. Behpour, S. M. Ghoreishi, E. Honarmand, M. Salavati-Niasari

38) Simultaneous determination of ellagic and gallic acid in *Punica granatum*, *Myrtus communis* and Itriphall formulation by an electrochemical sensor based on a carbon paste electrode modified with multi-walled carbon nanotubes

Analytical Methods, 3 (2011) 636-654

S. M. Ghoreishi, **M. Behpour**, M. Khayatkashani, M. H. Motaghadifard

39) New applied method for simultaneous determination of ellagic and tannic acid by multi-wall carbon nanotube paste electrode: application in quantification *punica granatum* and *quercus infectoria*

Digest Journal of Nanomaterials and Biostructures, 6 (2011) 625-635

S. M. Ghoreishi, **M. Behpour**, M. Khayat kashani, M. H. Motaghedifard

40) Comparative electrochemical study of new self-assembled monolayers of 2-[[*(Z)*-1-(3-furyl)methylidene] amino]-1-benzenethiol and 2-[[*(2*-sulfanylphenyl)imino]methyl]phenol for determination of dopamine in the presence of high concentration of ascorbic acid and uric acid

Analyst, 136 (2011) 1979-1986

S. M. Ghoreishi, **M. Behpour**, E. Honarmand, M. Salavati-Niasari

41) Electrochemical Determination of Acetaminophen in Different Pharmaceutical Forms with Gold Nanoparticles Carbon Paste Electrode

Acta Chim. Slov., 58 (2011) 69-74

S. M. Ghoreishi, **M. Behpour**, S. Sadeghzadeh, M. Golestaneh

42) The effect of two oleo-gum resin exudate from *Ferula assa-foetida* and *Dorema ammoniacum* on mild steel corrosion in acidic media

Corrosion Science, 53 (2011) 2489-2501

M. Behpour, S.M. Ghoreishi, M. Khayat kashani, N. Soltani

43) Corrosion Inhibition of Stainless Steel 304 in Hydrochloric Acid Media by the Extract of Green Tea Zang, 43(2010) 10-16

M. Behpour, S.M. Ghoreishi, M. Khayat kashani

44) Investigation of the inhibiting effect of *N*-[*(Z)*-1-phenylemethyleidene]-*N*-{2-[[*(2*-[[*(Z)*-1-phenylmethylidene]amino}phenyl)disulfanyl]phenyl} amine and its derivatives on the corrosion of stainless steel 304 in acid media

Corrosion Science, 53 (2011) 3380-3387

M. Behpour S.M. Ghoreishi, N. Mohammadi, M. Salavati-Niasari

45) Quantification of total phenolics and tannins in pomegranate (*punica granatum* L.) Extraction for standardization to ellagic acid, Journal of Optoelectronics and Biomedical Materials, 2 (2010) 25-31

Abdolhamid Bamoniri, **Mohsen Behpour**, Maryam Khayat Kashani

46) Determination of strychnine in strychnos nux-vomica crude and detoxified seeds by voltammetric method using a carbon paste electrode incorporated with gold nanoparticles

Anal. Methods, 3 (2011) 872–876

Mohsen Behpour, Sayed Mehdi Ghoreishi, Maryam Khayatkashani, Mohamadhasan Motaghedifar

47) Electrochemical studies of determination of C.I. Direct Red 80 based on a gold nanoparticles-modified carbon paste electrode

Intern. J. Environ. Anal. Chem, (2011) 1–14

Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Mahshid Golestaneh

48) A New Method for the Simultaneous Analysis of Strychnine and Brucine in Strychnosnux-vomica Unprocessed and Processed Seeds Using a Carbon paste Electrode Modified with Multiwalled Carbon Nanotubes

Phytochem. Anal. 23(2012) 95– 102

Mohsen Behpour, Sayed Mehdi Ghoreishi , Maryam Khayatkashani, Mohamad hasan Motaghedifard

49) Green synthesis of silver and gold nano particles using Rosa damas cena and its primary application in electrochemistry

Physica E 44 (2011) 97 –104

Sayed M. Ghoreishi, **Mohsen Behpour**, Maryam Khayatkashani

50) Direct electrosynthesis of polyaniline–montmorillonite nanocomposite coatings on aluminum alloy 3004 and their corrosion protection performance

Corrosion Science 53 (2011) 3035–3042

M. Shabani-Nooshabadi, S.M. Ghoreishi, **M. Behpour**

51) Synthesis and characterization of Fe,S-codoped TiO₂ nanoparticles: Application in degradation of organic water pollutants

Desalination 281 (2011) 319–324

M. Hamadanian, A. Reisi-Vanani, **M. Behpour**, A.S. Esmaily

52) Green approach to corrosion inhibition of mild steel in two acidic solutions by the extract of Punica granatum peel and main constituents

Materials Chemistry and Physics 131 (2012) 621– 633

M. Behpour, S.M. Ghoreishi, M. Khayatkashani, N. Soltani

53) Electrochemical methods for simultaneous determination of trace amounts of dopamine and uric acid using a carbon paste electrode incorporated with multi-wall carbon

nanotubes and modified with α -cyclodextrine

J Solid State Electrochem (2012) 16:179 –189

Sayed Medhi Ghoreishi & **Mohsen Behpour**, MohammadHassan MotaghediFard

54) Simultaneous determination of Sunset yellow and Tartrazine in soft drinks using gold nanoparticles carbon paste electrode

Food Chemistry 132 (2012) 637–641

Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Mahshid Golestaneh

55) Effects of Operational Parameters on the TiO_2 and TiO_2/Ag Core-Shell Photocatalysis System for Decolorizing AR14

World Appl. Sci. J., 54-59, 2011

Masood Hamadanian, **Mohsen Behpour**, Asra Sadat Razavian, Vahid Jabbari

56) Study of the photocatalytic activity of nanocrystalline S, N-codoped TiO_2 thin films and powders under visible and sun light irradiation

Applied Surface Science 258 (2012) 6595– 6601

Mohsen Behpour, Vajiheh Atouf

57) Enhancement of hydrogen storage by electrophoresis deposition of CNTs into nanoscale pores of silver foams

International journal of hydrogen energy 37 (2012) 2298 e2303

B. Khoshnevisan, **M. Behpour**, S. Shoaee

58) Electrochemical synthesis of poly(o-anisidine) and its corrosion studies as a coating on aluminum alloy 3105

Progress in Organic Coatings 74 (2012) 502– 510

S.M.Ghoreishi, M. Shabani-Nooshabadi, **M. Behpour**, Y. Jafari

59) Uranyl sensor based on a N,N'-bis(salicylidene)-2-hydroxy-phenylmethanedianiline and multiwall carbon nanotube electrode

J Radioanal Nucl Chem (2012) 293:201–210

Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Samaneh Mazaheri, Hossein Naeimi

60) Electrochemical determination of tryptophan, uric acid and ascorbic acid at a gold nanoparticles modified carbon paste electrode

Anal. Methods, 2012, 4, 2447

Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Faezeh Saeidinejad

- 61)** Central composite rotatable design in the development of a new method for optimization, voltammetric determination and electrochemical behavior of betaxolol in the presence of acetaminophen based on a gold nanoparticle modified electrode
Anal. Methods, 2012, 4, 2475
Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Asma Khoobi
- 62)** Electrochemical study of new self-assembled monolayer of 2-hydroxy-N 01-[(E)-1-(3-methyl-2-thienyl) methylidene] benzohydrazide on gold electrode as an epinephrine sensor element
Journal of Electroanalytical Chemistry 682 (2012) 14–22
Mohammadhassan Motaghedifard, Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Zohreh Moghadam, Masood Salavati-Niasari
- 63)** Electrochemical Determination of Tyrosine in the Presence of Dopamine and Uric Acid at the Surface of Gold Nanoparticles Modified Carbon Paste Electrode
J. Chin. Chem. Soc. 2012, 59, 1015-1020
S. M. Ghoreishi, **M. Behpour**, N. Jafari and M. Golestaneh
- 64)** Investigation of inhibition properties of aromatic thiol self-assembled monolayer for corrosion protection
Corrosion Science 65 (2012) 331–339
M. Behpour, N. Mohammadi
- 65)** Structural, morphological and photocatalytic characterisations of Ag-coated anatase TiO₂ fabricated by sol–gel dip-coating method
Journal of Experimental Nanoscience, 2011, 1-12
Masood Hamadanian, **Mohsen Behpour**, Asra-Sadate Razavian and Vahid Jabbari
- 66)** Electrochemical determination of tyrosine in the presence of uric acid at a carbon paste electrode modified with multi-walled carbon nanotubes enhanced by sodium dodecyl sulfate
Cent. Eur. J. Chem. • 10(6) • 2012 • 1824-1829
Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Mona Delshad, Asma Khoobi
- 67)** Ag-doped TiO₂ nanocomposite prepared by sol gel method: Photocatalytic bactericidal under visible light and characterization
JNS 1 (2012)
Mohsen Behpour, Maryam Chakeri

68) Simultaneous voltammetric determination of Brilliant Blue and Tartrazine in real samples at the surface of a multi-walled carbon nanotube paste electrode

Anal. Methods, 2011, 3, 2842

Sayed Mehdi Ghoreishi, **Mohsen Behpour** and Mahshid Golestaneh

69) Inhibiting effect of two Derivatives of Amino-Thiophenol on the corrosion of Copper by Electrochemical Methods

Corrosion Science Section, 68 (12), 2012, 1119-1125

M. Behpour, N.Mohammadi

70) Corrosion Protection of Copper by TiO₂ Nanoparticles and SN Schiff base Coating

JNS 2 (2012) 317-326

M. Behpour, S. M. Ghoreishi, M. Salavati-Niasari, N. Mohammadi

71) High Sensitive Sensor Based on Carbon nNanotube Electrode for Determination of Lanthanum in the Presence of Calcon Carboxylic Acid

Analytical Letters, 46: 156–170, 2013

Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Samaneh Mazaheri & Mohammadhassan Motaghedifard

72) Electrochemical determination of acetaminophen at the surface of a glassy carbon electrode modified with multi-walled carbon nanotube

J. Chil. Chem. Soc., 58, 1 (2013)

Sayed mehdi ghoreishi, **Mohsen Behpour**, elahé hajisadeghian, Mahshid golestaneh

73) Use of compounds containing heteroatoms as electrochemical corrosion inhibitors for copper in hydrochloric acid

Chem. Eng. Comm., 200:351–366, 2013

Mohsen Behpour & Narges Mohammadi

74) A Highly Sensitive Nanostructure-Based Surface Covalently Modification of Gold for Electrochemical Sensing of Epinephrine in Presence of Uric Acid and Acetaminophen

Journal of The Electrochemical Society, 160 (2) H126-H131 (2013)

Zohreh Moghadam, Sayed Mehdi Ghoreishi, **Mohsen Behpour**, and Mohammadhassan Motaghedifard

75) Determination of trace amounts of sulfamethizole using a multi-walled carbon nanotube modified electrode: application of experimental design in voltammetric studies

Analytical Letters, 46: 323–339, 2013

Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Asma Khoobi, Zohreh Moghadam

- 76)** Selective Voltammetric Determination of Tartrazine in the Presence of Red 10B by Nanogold-modified Carbon Paste Electrode
J. Chin. Chem. Soc. 2013, 60, 120-126
Sayed Mehdi Ghoreishi, **Mohsen Behpour** and Mahshid Golestaneh
- 77)** Determination of tyrosine in the presence Of sodium dodecyl sulfate using a gold Nanoparticle modified carbon paste Electrode
Analytical Letters, 46: 299–311, 2013
Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Nafise Jafari, Asma Khoobi
- 78)** Electrochemical study of a self-assembled monolayer of N,N'-bis[(E)-(1-pyridyl) methylidene]-1,3-propanediamine formed on glassy carbon electrode: preparation, characterization and application
Anal. Methods , 2013, 5, 6727 – 6733
Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Asma Khoobi and Masoud Salavati-Niasari
- 79)** Determination of trace amounts of thymol and caffeic acid in real samples using a graphene oxide nanosheet modified electrode: application of experimental design in voltammetric studies
RSC Adv., 2014, 4, 14270
Mohsen Behpour, Saeed Masoum and Marzieh Meshki
- 80)** Electrochemical and Mass Loss Investigations of New Schiff Base as Corrosion Inhibitor for Mild Steel
Journal of iron and steel research international, 2014, 21 (1) 121-124
M. Behpour, N. Mohammadi, E. Alian
- 81)** Application of multivariate curve resolution alternating least squares to biomedical analysis using electrochemical techniques at nanostructure-based modified sensor
Electrochimica Acta 130 (2014) 271–278
Sayed Mehdi Ghoreishi , Asma Khoobi, **Mohsen Behpour**, Saeed Masoum
- 82)** Potentiality of chemometric approaches for the determination of (+)-catechin in green tea leaves at the surface of multiwalled carbon nanotube paste electrode
Sensors and Actuators B 193 (2014) 582– 591
Saeed Masoum, **Mohsen Behpour**, Fatemeh Azimi, Mohammad Hassan Motaghedifard
- 83)** Voltammetric determination of tryptophan in the presence of uric acid and dopamine using carbon paste electrode modified with multi-walled carbon nanotubes
Arabian Journal of Chemistry (2013) xxx , xxx –xxx

Sayed Mehdi Ghoreishi , **Mohsen Behpour**, Farzaneh Sadat Ghoreishi, Samira Mousavi

84) Multivariate curve resolution-alternating least squares assisted by voltammetry for simultaneous determination of betaxolol and atenolol using carbon nanotube paste electrode

Bioelectrochem, Accepted

Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Saeed Masoum, Asma Khoobi

85) Application of experimental design for quantification and voltammetric studies of sulfapyridine based on a nanostructured electrochemical sensor

Arabian Journal of Chemistry (2014) xxx , xxx –xxx

Sayed Mehdi Ghoreishi, **Mohsen Behpour**, Asma Khoobi, Saeed Masoum

Conferences

1) Column Preconcentration of Mercury based on ion pair formation between Chloromercurate (II) and methyltrioctylammonium Chloride adsorbent supported on naphthalene with subsequent voltammetric determination

M. Behpour, N. Pourreza

Electrochem 16-19 September 2001 Loughborough England

2) Column preconcentration of arsenic by ion-pair formation between arsenoheptamolibdate and methyltrioctylammonium chloride adsorbent supported on naphthalene with spectrophotometric determination

M. Behpour, S. Salehi

2th int. conf. on chemistry & application (Doha, Qatar December 6-9, 2003)

3) Effective corrosion inhibition by new S-N Schiff bases for 316 and 318 stainless steels in hydrochloric acid

M. Behpour, M. Salavati-Niasari, M. Almasi

Euroanalysis XIII conference September 5-10, 2004, Salamanca, Spain

4) Column preconcentration of gold as AuCl_4^- with aliquat 336s supported on microcrystalline naphthalene and washing the column with a mixture of solution thiourea-HCl

M. Behpour, N. Soltani

14th Iranian Chemical & Engineering Society Feb. 17-20, 2004

5) Investigation of adsorption isotherms for two new S-N Schiff bases as corrosion inhibitor for SS 316 and SS 318 in HCl

M. Behpour, G. Vatankhah, M. Almasi

8th Iranian Physical Chemistry, 21-24 November

6) Theoretical interaction studies of three new Schiff bases as corrosion inhibitor with Copper surface

M. Behpour, M. Hamadani, V. Farzadfar

8th Iranian Physical Chemistry, 21-24 November, Mashhad, Iran

7) Study of photocatalytic activity and photocorrosion effect of nano layer of Titanium Oxide on stainless steel

M.Behpour, A. Zolfaghari, M. Hamadani, H. Sayahi, M. Ghassemzadeh

9th Iranian Physical Chemistry 13-15 June 2005 Rasht-Zibakenar, Iran

8) Two novel Schiff bases as copper corrosion inhibitor in hydrochloric acid

M.Behpour, S.M. Ghorieshi, M. Salavati-Niasari, B. Ebrahimi

6th Biennial Electrochemistry Seminar of Iran 7-9 September 2005 Hamadan, Iran

9) Inhibition effects of a new Schiff base on the corrosion of mild steel in 15% hydrochloric acid

M.Behpour, N. Soltani, M. Salavati-Niasari, A. Gandomi

6th Biennial Electrochemistry Seminar of Iran 7-9 September 2005 Hamadan, Iran

10) The surfactant ion selective and spectrophotometric methods used for evaluation ... azo dyes

M.Behpour, S.M. Ghoreishi, A. Ghafari

6th Biennial Electrochemistry Seminar of Iran 7-9 September 2005 Hamadan, Iran

11) Inhibitor effect of Schiff base compound on the corrosion of mild steel in 15% HCl by polarization, weight loss and impedance methods

M. Behpour, A. Gandomi, M. Salavati-Niasari

6th Biennial Electrochemistry Seminar of Iran 7-9 September 2005 Hamadan, Iran

12) Application of wavelet transform in noising of electro chemical signal

M. Behpour, F. Haghighi, G. Vatankhah

6th Biennial Electrochemistry Seminar of Iran 7-9 September 2005 Hamadan, Iran

13) New Schiff base as corrosion inhibitor for corrosion of aluminum alloy 1050 in HCl 2 M

M. Behpour, H. Yosefian

6th Biennial Electrochemistry Seminar of Iran 7-9 September 2005 Hamadan, Iran

14) Solid phase extraction of uranyl by naphthalene-methyltriethylammonium Chloride and arsenazo III adsorbent and subsequent spectrophotometric determination

M. Behpour, Z. Nikkhah

14th Iran's Seminar of Analytical Chemistry 29-31 Aug. 2005, Birjand, Iran

15) Simultaneous preconcentration of lead and Cadmium with methyltriethylammonium Chloride supported on microcrystalline naphthalene and flame atomic absorption determination

M. Behpour, N. Soltani

14th Iran's Seminar of Analytical Chemistry 29-31 Aug. 2005, Birgand, Iran

16) Solid phase Extraction of ultra trace of Zirconium in real samples and Subsequent Spectrophotometric Determination

M. Behpour, M. Samiei

14th Iran's Seminar of Analytical Chemistry 29-31 Aug. 2005, Birgand, Iran

17) The inhibition of mild steel corrosion in 15% hydrochloric acid by benzenethiol

M. Behpour, A. Gandomi, M. salavati- Niasari

14th Iran's Seminar of Analytical Chemistry 29-31 Aug. 2005, Birgand, Iran

18) The Surfactant Ion Selective and Spectrophotometric Methods Used for Evaluation of Interaction between HTAB and Azo Dyes

S.M.Ghoreishi, **M. Behpour**, A. Ghafari Farsani

AviSina University, Hammadan

6th Biennial Electrochemistry Seminar of Iran, Sep. 7-9, 2005.

19) Two Novel Schiff Bases as Copper Corrosion Inhibitor in Hydrochloric Acid

M. Behpour, S.M.Ghoreishi, M. Salavati-Niasari, B. Ebrahimi

AveSina University, Hammadan

6th Biennial Electrochemistry Seminar of Iran, Sep. 7-9, 2005.

20) Preparation and optimization of a ketotifen sensor and its pharmaceutical applications

S.M.Ghoreishi, **M. Behpour**, H. Ahmadi-Zahrani

Sabha University, Libya

The First conference on recent developments in chemistry and their applications, 14-16 Dec. 2006.

21) Inhibition effects of Schiff base compounds on the corrosion of mild in 15% hydrochloric acid

M. Behpour, S.M.Ghoreishi, M. Salavati-Niasary, A. Ghandomi-Niasar

Sabha University, Libya

The First conference on recent developments in chemistry and their applications, 14-16 Dec. 2006.

22) Study of Interaction between Cationic Surfactant, Anionic Dye and Drug, Using Ion Selective Electrode

S.M.Ghoreishi, **M. Behpour**, S. Nahvi

15th Iranian Seminar of Analytical Chemistry, Shiraz University, 27 Feb-1 Mar 2007

23) EMF Measurement of Surfactant/Dye System By using Surfactant Selective Electrode

S.M.Ghoreishi, **M.Behpour**, M.Shabani

15th Iranian Seminar of Analytical Chemistry, Shiraz University, 27Feb-1Mar 2007

24) The Application of a New Schiff Base as Corrosion Inhibitors for Mild Steel in Acidic Media

M.Behpour, S.M.Ghoreishi, N.Soltani, M.Salavati-Niasari

15th Iranian Seminar of Analytical Chemistry, Shiraz University, 27Feb-1Mar 2007

25) Determination of Ketotifen Hydrogen Fumarate in Pharmaceutical Preparing by Cathodic Stripping Square Wave Voltammetry

S.M.Ghoreishi, **M.Behpour**, H.Ahmadi

15th Iranian Seminar of Analytical Chemistry, Shiraz University, 27Feb-1Mar 2007

26) A Novel Ketotifen-Selective Membrane Sensor and its Pharmaceutical Application

S.M.Ghoreishi, **M.Behpour**, H.Ahmadi

15th Iranian Seminar of Analytical Chemistry, Shiraz University, 27Feb-1Mar 2007

27) Study of inclusion complex formation between a cationic surfactant, α -, β - cyclodextrin and bromhexine using ion-selective electrode

S.M.Ghoreishi, **M.Behpour**, M.Golestaneh

7th Biennial Electrochemistry Seminar of Iran, Aug.28-30, 2007, Urmia University

28) Study of surfactant-cyclodextrin complex formation by conductometric method

S.M.Ghoreishi, **M.Behpour**, M.Golestaneh

7th Biennial Electrochemistry Seminar of Iran, Aug.28-30, 2007, Urmia University

29) Opuntia extract as a natural source inhibitor for mild steel in 2 M HCl

M.Behpour, S.M.Ghoreishi, N.Soltani, E.Honarmand, M.Khayat kashani

7th Biennial Electrochemistry Seminar of Iran, Aug.28-30, 2007, Urmia University

30) Inhibitive action of chamomile(*chamaemelum mixtum* L) extracts on the corrosion of aluminium in acidic media

M.Behpour, S.M.Ghoreishi, N.Soltani, , M.Khayat kashani

7th Biennial Electrochemistry Seminar of Iran, Aug.28-30, 2007, Urmia University

31) Preparation and optimization of a ketotifen sensor and its pharmaceutical applications

S.M.Ghoreishi, **M.Behpour**, M.Shabani-Nooshabadi, H. Ahmadi Zahrani

7th Biennial Electrochemistry Seminar of Iran, Aug.28-30, 2007, Urmia University

32) The effect of some Schiff bases on the corrosion of copper in hydrochloric acid solution

M.Behpour, N.Soltani, S.M.Ghoreishi, M.Honarmand, H.Naieme, Kh. Rabiee

7th Biennial Electrochemistry Seminar of Iran, Aug.28-30, 2007, Urmia University

33) Corrosion inhibition of aluminium in acidic media by some new Schiff base

M.Behpour, S.M.Ghoreishi, N. Soltani, M. Salavati- Niasari, F. Mirzabeigy, M. Golestaneh

7th Biennial Electrochemistry Seminar of Iran, Aug. 28-30, 2007, Urmia University

34) Protection of mild steel corrosion with some Schiff bases in 2 M HCl solution

M.Behpour, N.Soltani, S.M.Ghoreishi, H.Naiemi, Kh. Rabiee

41th IUPAC World Chemistry Congress, Turin, Italy, 5-11 2007

35) Study of interaction between a cationic surfactant with two dyes and a drug

S.M.Ghoreishi, **M.Behpour**, S.Nahvi

41th IUPAC World Chemistry Congress, Turin, Italy, 5-11 2007

36) Volatile component from *Haplophyllum perforatum* (Rutaceae) Growing in Iran

A. Bamoniri, H.Naiemi, H. Gholcheini, M. Behpour, J. Safaei, H. Batooli

Seminar on phytochemistry 11-13 Dec. 2007 Shahid Beheshti University

37) Inhibitive properties of Galdanum on the corrosion of steel in HCl solution Experimental study and Theoretical approach

M. Behpour, S. M. Ghoreishi, M. Kayat, N. Soltani. E. Honarmand

Seminar on phytochemistry 11-13 Dec. 2007 Shahid Beheshti University

38) Volatile constituents of the essential oil of leaves from *Eucalyptus* Var heterophylla cultivated in kashan

A. Bamoniri, Saedpour, E. Ebrahim abadi, **M. Behpour**

Seminar on phytochemistry 11-13 Dec. 2007 Shahid Beheshti University

39) Electrochemical determination of resorcinol using a multi-walled carbon nanotube modified glassy carbon electrode

S.M.Ghoreishi, E. Hajisadeghian, **M.Behpour**, M. Motahary

First Regional Symposium on Bioelectrochemistry Institute of Biochemistry and Biophysics 13-15 Oct. 2008, University of Tehran

40) Influence of gold nanoparticles modified electrode for the voltammetric determination of trace amount of resorcinol

M.Behpour, M. Rezaei, S.M. Ghoreishi

First Regional Symposium on Bioelectrochemistry Institute of Biochemistry and Biophysics 13-15 Oct. 2008, University of Tehran

41) Application of carbon paste electrode modified with gold nanoparticles for determination of trace amount of acetaminophen by electrochemical method

S.M.Ghoreishi, S. Sadeghzadeh, **M.Behpour**

First Regional Symposium on Bioelectrochemistry Institute of Biochemistry and Biophysics 13-15 Oct. 2008, University of Tehran

42) Electrochemical determination of ascorbic acid at the surface of a graphite electrode modified with multi-walled carbon nanotube/surfactant

S.M.Ghoreishi, M. Motahary, **M.Behpour**, E. Hajisadeghian

First Regional Symposium on Bioelectrochemistry Institute of Biochemistry and Biophysics 13-15 Oct. 2008, University of Tehran

43) Inhibition of acid corrosion of carbon steel using aqueous extract of Datura stamonium leaves

M.Behpour, S.M.Ghoreishi, N. Soltani, M. Khayat Kashani

First Regional Symposium on Bioelectrochemistry Institute of Biochemistry and Biophysics 13-15 Oct. 2008, University of Tehran

44) Corrosion inhibition of mild steel by plant extract in HCl medium

M.Behpour, S.M.Ghoreishi, M.Khayat Kashani, N. Soltani

First Regional Symposium on Bioelectrochemistry Institute of Biochemistry and Biophysics 13-15 Oct. 2008, University of Tehran

45) Determination of strychnine in Strychnos nux vomica plant by nanogold-modified carbon paste electrode

M. Behpour, S.M. Ghoreishi, M. Khayat Kashan

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

46) Corrosion inhibition of carbon steel in sulphuric acid by some polydentate Schiff base compounds

M. Behpour, S.M. Ghorishi, M. Mahloughi, N. Soltani, M. Salavati

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

47) Nanogold modified carbon paste electrode for the determination of atenolol in pharmaceutical formulations by differential pulse voltammetry

Behpour, S.M. Ghorishi, E. Honarmand

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

48) Study and determination of trace amount of Dopamine by cyclic and differential pulse voltammetry on the modified gold electrode by self-assembly 1/6-hexandithiol and nano gold particles

M. Behpour, S.M. Ghorishi, M. Hashemi

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

49) Modified multiwall carbon nanotube paste electrode by new compound [1,1(1,2-ethanedily bis (nitrilo methylidyne)-bis-2-naphtol)] for study and determination of acetaminophen in real sample

M. Behpour, S.M. Ghorishi, M. Meshki, E. Honarmand

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

50) Voltammetric determination of dopamine and uric acid using α -cyclodextrine multi walled carbon nanotube modified carbon paste electrode

M. Behpour, S.M. Ghorishi, M. H. Motaghedifar

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

51) Inhibition of mild steel corrosion by N,N'-bis(2-hydroxybenzilidene)-1,1-diaminoalkyls in 1M HCl solutions

M. Behpour, N. Soltani, S.M. Ghorishi, H. Naeimi, Kh. Rabiei

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

52) The inhibitive effect of some bis-N,S-bidendate Schiff bases towards Al corrosion in acid solution: electrochemical and theoretical studies

M. Behpour, N. Soltani, S.M. Ghorishi, M. Salavati

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

53) Pyrimidine-2-thione derivatives as corrosion inhibitors for mild steel in acid solution

M. Behpour, S.M. Ghorishi, N. Soltani, J. Safaei, M. A. Ghasemzadeh

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

54) The corrosion inhibition study of mild steel I hydrochloric acid solution containing new S2N2-Schiff bases by electrochemical and quantum techniques

M. Behpour, S.M. Ghorishi, N. Mohamadi

5th Electrochemistry Seminar o IRAN, 7-8 may 2009, Tarbiat Modarres University

55) Nanogold-Modified carbon paste electrode for the determination of Atenolol in farmaceutical formulations

M. Behpour, S.M. Ghorishi, E. Honarmand

8th Iranian Biennial Seminar of Electrochemistry, 14-16 July, 2009, University of Kurdistan-Sanandaj

56) Electrosynthesized polyaniline-clay nanocomposite coatings on AA 3004 alloy and its corrosion protection performance

M. Shabani, S.M. Ghorishi, **M. Behpour**

8th Iranian Biennial Seminar of Electrochemistry, 14-16 July, 2009, University of Kurdistan-Sanandaj

57) Influence of gold nanoparticles modified electrode for voltammetric determination of trace amount of phenylephrin

M. Rezaei, **M. Behpour**, S.M. Ghorishi

8th Iranian Biennial Seminar of Electrochemistry, 14-16 July, 2009, University of Kurdistan-Sanandaj

58) N,N'-Bis(2-Hydroxybenzilidene) -1,1-Diaminoalkyls as corrosion inhibitors for aluminium in hydrochloric acid medium

M. Behpour, N. Soltani, S.M. Ghorishi, H. Naeimi, Kh. Rabiei

8th Iranian Biennial Seminar of Electrochemistry, 14-16 July, 2009, University of Kurdistan-Sanandaj

59) Effects of thiosalicylaldehyde derivatives on the inhibition of copper corrosion in acidic chloride solutions

M. Behpour, S.M. Ghorishi, M. Mahlougi, N. Soltani, M. Salanati

8th Iranian Biennial Seminar of Electrochemistry, 14-16 July, 2009, University of Kurdistan-Sanandaj

60) Modifiedmulti wall carbon nanotube paste electrode by new compound[1,1(ethanediyl bis(nitrilomethylidyne)-bis-2-naphthol)]for studyand determination of ascorbic acid in real sample

M. Behpour, S.M. Ghorishi, M. Meshki

8th Iranian Biennial Seminar of Electrochemistry, 14-16 July, 2009, University of Kurdistan-Sanandaj

61) Application of four compounds of N-N'-bis(salicylidene)-arylmethanediamines as inhibitor on the corrosion of copper in near neutral chloride solution

M. Behpour, N. Soltani, S.M. Ghorishi, H. Naeimi, Kh. Rabie

16th Iranian Seminar of Analytical Chemistry, 28-30 July, Hamedan-Bu Ali Sina University

62) Fabrication of modified carbon nanotubes glassy carbon electrode for determination of direct red 16

M. Golestaneh, S.M. Ghorishi, **M. Behpour**

16th Iranian Seminar of Analytical Chemistry, 28-30 July, Hamedan-Bu Ali Sina University

63) Inhibition of 304 stainless steel corrosion in H₂SO₄ medium by pomegranate bark extract

M. Behpour, S.M. Ghorishi, M. Khayat

16th Iranian Seminar of Analytical Chemistry, 28-30 July, Hamedan-Bu Ali Sina University

64) Determination of direct red 80 using glassy carbon electrode modified with gold nanoparticles by cyclic and differential pulse voltammetry

M. Golestaneh, S.M. Ghorishi, **M. Behpour**

16th Iranian Seminar of Analytical Chemistry, 28-30 July, Hamedan-Bu Ali Sina University

65) Investigation on inhibiting effect of new S₂N₂ -Schiff bases on the corrosion of stainless steel 304 in hydrochloric acid by electrochemical techniques

M. Behpour, S.M. Ghorishi, N. Mohamadi

16th Iranian Seminar of Analytical Chemistry, 28-30 July, Hamedan-Bu Ali Sina University

66) Fabrication of modified nanotube carbon paste electrode for simultaneous determination of Acetaminophen and Properanol

M. Behpour, S.M. Ghorishi, M. Meshki

16th Iranian Seminar of Analytical Chemistry, 28-30 July, Hamedan-Bu Ali Sina University

67) Simultaneous voltammetric determination of atenolol and acetaminophen in pharmaceutical formulations using a gold nanoparticle modified CPE

E. Honarmand, **M. Behpour**, S.M. Ghorishi

16th Iranian Seminar of Analytical Chemistry, 28-30 July, Hamedan-Bu Ali Sina University

68) Chromatography analysis of Strychnine and Brucine alkaloids in crude and detoxified seeds of Strychnos nux-vomica plant

M. Khayat, **M. Behpour**, S.M. Ghorishi

16th Iranian Seminar of Analytical Chemistry, 28-30 July, Hamedan-Bu Ali Sina University

- 69) Novel N,N'-[1,1'-Dithiobis(phenyl)] bis(salicylaldehyde) self assembly gold electrode for determination of dopamine in the presence of high concentration of ascorbic acid
M. Behpour*, S.M.Ghoreishi, E.Honarmand
17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010
- 70) Polarization and weight loss studies of a new derivative of pyrimidine-2-thione as an efficient corrosion inhibitor for stainless steel 304 in sulfuric acid medium
M. Behpour*, S. M. Ghoreishi, F. Vatani, A. Ghasemzadeh
17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010
- 71) Comparative electrochemical behavior of dopamine at new furyl methyldene amino-1-benzenethiol and sulfanyl phenyl imino methyl phenol Schiff bases self -assembled monolayers
M. Behpour, S M.Ghoreishi, E. Honarmand
17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010
- 72) Voltammetric determination of L-tyrosine at the surface of a carbon paste electrode modified with gold nanoparticles
S.M. Ghoreishi*, **M. Behpour**, N. Jafari
17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010
- 73) Determination of ascorbic acid in present of propranolol by used Novel 1,1[1,2-ethanediyl bis (nitrilo methylidyne)-bis-2-naphthal multi-wall carbon nanotube paste electrode
M. Behpour, S.M. Ghoreishi, M. meshki
17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010
- 74) Electrochemical determination of tryptophan at Au nano particle modified carbon paste electrode
S. M Ghoreishi, **M.behpour**, F.SaidiNejad
17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010
- 75) Preparation and Characterization of Polyaniline on Aluminum Alloy 3004 via electropolymerization: Electrochemical Studies of Corrosion Protection
M. Shabani-Nooshabadi, S.M. Ghoreishi, **M.Behpour**
17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010
- 76) The Corrosion Inhibition Study of Stainless Steel 304 in Acid Solution Containing 2-[(2-[(2-[(Z)-1-(2 hydroxyphenyl)methylidene]amino}phenyl)disulfanyl]phenyl} imino)methyl]phenol by Electrochemical Methods
M. Behpour, S.M. Ghoreishi, N. Mohammadi

17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010

77) Effect of temperature on inhibition of some Schiff base compounds containing disulfide bond on mild steel in hydrochloric acid

M. Behpour, S.M. Ghoreishi, N. Mohammadi

17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010

78) Electrocatalytic investigation of L-Tyrosine at a carbon paste electrode modified with ...

Sayed Mehdi Ghoreishi* **Mohsen Behpour** , Mona Delshad

17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010

79) Electrochemical determination of Tryptophan at the surface of a graphite electrode modified with multi-walled carbon nanotubes

S.M. Ghoreishi* , **M. Behpour**, S.Mosavi

17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010

80) Influence of gold nanoparticles modified electrode for the voltammetric determination of trace amount of phenylephrine

M.Behpour ,M. Rezaei and S.M. Ghoreishi

17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010

81) Green approach to corrosion inhibition of mild steel in hydrochloric acid solution by the extract of punica granatum peel and their components

M. Behpour, Maryam Khayat Kashani

17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010

82) Direct Electrosynthesis of Polyanilin-Montmorillonite Nanocomposite Coatings on Aluminum and their Corrosion Protection Performance

M.Shabani, S.M. Ghoreishi, **M. Behpour**,

17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010

82) Electrochemical Determination of Sunset Yellow in Soft Drinks using a Carbon Paste Electrode Modified with Gold Particles

M. Golestaneh, S.M. Ghoreishi, **M. Behpour**

17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010

83) A visible light response TiO₂ photocatalyst realized Thiourea doping and its application for methyl orange degradation

M. Behpour, V. Atouf

17th Iranian Seminar of Analytical chemistry, University of Kashan, September 12-14, 2010

84) Adsorption and inhibitive properties of N-[(Z)-1 phenylemethyleidene]-N-{2-[(2-[(Z)-1 phenylmethyleidene]amino}phenyl) disulfanyl]phenyl}amine on corrosion of copper in acid media

M.Behpour, S.M.Ghoreishi, N.Mohammadi

The 9th Iranian Biennial Electrochemistry Conference, University of Yazd, 22-24 January 2011

85) Electrochemical oxidation of Red 10B at the surface of a gold nanoparticles carbon paste electrode and its analytical application

M.Golestaneh, S.M.Ghoreishi, **M.Behpour**

The 9th Iranian Biennial Electrochemistry Conference, University of Yazd, 22-24 January 2011

86) Electrochemical determination of E133 Brilliant blue FCF at the surface of carbon paste electrode modified with multi-walled carbon nanotubes

M.Golestaneh, S.M.Ghoreishi, **M.Behpour**

The 9th Iranian Biennial Electrochemistry Conference, University of Yazd, 22-24 January 2011

87) Green approach to corrosion inhibition of mild steel in 2 M hydrochloric acid solution by Capsicum annum extract

M.Behpour, S.M.Ghoreishi, N.Mohammadi, M. Arandashti Arani, M. Khayat Kashani

The 9th Iranian Biennial Electrochemistry Conference, University of Yazd, 22-24 January 2011

88) Voltammetric determination of calcon using carbon nano tube modified carbon paste electrode

S.M.Ghoreishi, **M.Behpour**, S. Mazaheri

The 9th Iranian Biennial Electrochemistry Conference, University of Yazd, 22-24 January 2011

89) Investigation on inhibition effect of 4-(4-methoxyphenyl)-6-(phenyl)-3,4-dihydropyrimidin-2(1H)-thione, on stainless steel 304 in 6 molar sulphuric acid media

F.vatani, **M.Behpour**

12th National Corrosion Congress, 17-18 May 2011

90) Investigation of schiff base inhibition effect of N-[(Z)-1-(4-methylphenyl)methylidene]-N-{2-[2-[(Z)-1-(4-methylphenyl) methylidene] amino}phenyl)disulfanyl]phenyl}amin on copper in hydrochloric acid by electrochemical methods

M.Behpour, N.Mohammadi

12th National Corrosion Congress, 17-18 May 2011

91) Using of modified TiO₂ thin film in degradation of a model of pollutants under visible light

M.Behpour, M.Chakeri

1st Environmental Remediation Technologies Conference, Sharif University, 22-24 May 2011

92) Degradation of a model of pollutants by modified TiO₂ thin film under sun light

M.Behpour, V. Atouf

1st Environmental Remediation Technologies Conference, Sharif University, 22-24 May 2011

93) Preparation and photo-catalytic activity of Ag–TiO₂ thin films prepared by sol–gel dip coating

M.Behpour, M.Chakeri

15th Iranian chemistry congress, Hamedan-Bu Ali Sina University, 4-6 September 2011

94) Electrochemical and quantum chemical study of 2-[[(2)-1-(4 methylphenyl)methylidene]amino}-1-benzenthioi as corrosion inhibitors for copper in HCl media

M.Behpour, N.Mohammadi

15th Iranian chemistry congress, Hamedan-Bu Ali Sina University, 4-6 September 2011

95) Simultaneous determination of catechin and gallic acid in *Green Tea* extract by an electrochemical sensor based on a carbon paste electrode modified with gold nanoparticle

Z.Hadadi, **M.Behpour**, S.M.Ghoreishi, M. Khayat Kashani

15th Iranian chemistry congress, Hamedan-Bu Ali Sina University, 4-6 September 2011

96) Corrosion inhibition of 304 stainless steel in 6 M hydrochloric acid solution by Capsicum annum extract as a green inhibitor

M.Behpour, M.Arandashti-Arani, M. Khayat Kashani

15th Iranian chemistry congress, Hamedan-Bu Ali Sina University, 4-6 September 2011

97) Potentiality of multivariate curve resolution-alternative least squares (MCR-ALS) in simultaneous determination of Catechin and Gallic acid using second order data obtained from differential pulse voltammetry

S. Masoum, **M. Behpour**, F. Azimi, M. Motaghefard

The 10th Iranian Biennial Electrochemistry Seminar, University of Razi, Kermanshah, 17-19 July 2012

98) The inhibitive effect of a new ethanamine schiff base on the corrosion of mild steel in hydrochloric acid solution

M. Behpour, F. Kiani Ghale sardi

The 10th Iranian Biennial Electrochemistry Seminar, University of Razi, Kermanshah, 17-19 July 2012

99) Self-Assembled Monolayer of E-2-((2-Mercaptophenyl Imino) (Phenyl Methyl) Phenol) for Corrosion Protection of Copper

M. Behpour H. Jafari Tadi

The 10th Iranian Biennial Electrochemistry Seminar, University of Razi, Kermanshah, 17-19 July 2012

100) Multiwalled Carbon Nanotube Paste Electrode in Simultaneous Determination of Two Antioxidants Using Chemometrics

S. Masoum, **M. Behpour**, F. Azimi, M. Motaghedifard

Iran-Belarus International Conference on Modern Applications of Nanotechnology (IBCN12), Belarus, Minsk, 27-29 Jun. 2012

101) Application of a New MercaptoSchiff-base Nanostructures SAM in Corrosion Inhibition of Copper

M. Behpour H. Jafari Tadi

International Congress on Nanoscience & Nanotechnology (ICNN2012), University of Kashan, Kashan, 8-10 Sep. 2012

102) Electrochemical Determination of Captopril at a New Composite Carbon Ionic Liquid Electrode Modified with Nanoscale Copper Hydroxide

M. Behpour, M. Keshavarz

International Congress on Nanoscience & Nanotechnology (ICNN2012), University of Kashan, Kashan, 8-10 Sep. 2012

103) Preparation of Nanocrystalline PbS Thin Film Sensitized to Infrared Radiation

M. behpour, S. razavifard

International Congress on Nanoscience & Nanotechnology (ICNN2012), University of Kashan, Kashan, 8-10 Sep. 2012

104) Photo Degradation of Methyl Orange by Nano TiO₂ Immobilized Particle in Flow Current Liquid

M. Behpour, H. Khalilian

International Congress on Nanoscience & Nanotechnology (ICNN2012), University of Kashan, Kashan, 8-10 Sep. 2012

105) Application of Graphene Nanosheet Composite Film-Glassy Carbon Electrode for Electrochemical Determination of Ciprofloxacin

M. Behpour, M. meshki

International Congress on Nanoscience & Nanotechnology (ICNN2012), University of Kashan, Kashan, 8-10 Sep. 2012

106) Preparation and Study Of The Photocatalytic Activity Of Nanocrystalline Ag-TiO₂ Thin Films Under Sun Light Irradiation

M. Behpour, M. Chakeri

International Congress on Nanoscience & Nanotechnology (ICNN2012), University of Kashan, Kashan, 8-10 Sep. 2012

107) Application of a graphene nanosheets composite film-glassy carbon electrode for determination of caffeic acid

M. Behpour, S. Masoum, M. Meshki

8th Iranian Annual Seminar of Electrochemistry, University of Mazandaran, Babolsar, 30-31 Jun. 2013

108) Electrochemical determination and study of thymol using graphene nanosheets composite film modified glassy carbon electrode

M. Behpour, S. Masoum, M. Meshki

8th Iranian Annual Seminar of Electrochemistry, University of Mazandaran, Babolsar, 30-31 Jun. 2013

109) Application of a graphene nanosheets composite film-glassy carbon electrode for electrochemical determination of thymol in presence of caffeic acid

M. Behpour, S. Masoum, M. Meshki

19th Iranian Seminar of Analytical Chemistry, Ferdowsi University, Mashhad, 26-28 Feb. 2013

110) Central composite rotatable design in the development of a new method for optimization, voltammetric determination and electrochemical behavior of resorcinol based on graphene nano sheets composite film modified glassy carbon electrode

M. Behpour, M. Meshki

19th Iranian Seminar of Analytical Chemistry, Ferdowsi University, Mashhad, 26-28 Feb. 2013

111) Investigating of inhibiting effect of 2-[(1E,11E)-12-(2-hydroxyphenyl)-5,8-dioxa-2,11-diaza 1,11dodecadienyl]phenol on the corrosion of mild steel in hydrochloric acid solution

M. Behpour, F. Kiani-Ghale sardi

19th Iranian Seminar of Analytical Chemistry, Ferdowsi University, Mashhad, 26-28 Feb. 2013

112) Investigation of a New Organic Self-assembled Monolayer (SAM) on Copper Surface for Corrosion Protection in Chloride Solution by Electrochemical Method

M. Behpour, H. Jafari Tadi

19th Iranian Seminar of Analytical Chemistry, Ferdowsi University, Mashhad, 26-28 Feb. 2013

113) A modified N,N'-[1,1'-Dithiobis(phenyl)] bis(salicylaldimine) self assembly gold electrode as a sensor for study and electrochemical determination of promethazine hydrochloride in pharmaceutical formulations

E. Honarmand, **M. Behpour**, S. M. Ghoreishi

19th Iranian Seminar of Analytical Chemistry, Ferdowsi University, Mashhad, 26-28 Feb. 2013

114) A modified N,N'-[1,1'-Dithiobis(phenyl)] bis(salicylaldimine) self assembly gold electrode as a sensor for study and electrochemical determination of Epinephrine (EP) in pharmaceutical formulations

E. Honarmand, **M. Behpour**, S. M. Ghoreishi

19th Iranian Seminar of Analytical Chemistry, Ferdowsi University, Mashhad, 26-28 Feb. 2013

115) Grafene Oxide modified carbon paste electrode in determination of Caffeic acid in the presence of unexpected electroactive catechin interference: Application of chemometrics method in voltammetric studies

M. Behpour, saeed Masoum, Marzieh Meshki

4th Iranian biennial Chemometrics seminar, Shiraz University, Shiraz, 27-28 Nov. 2013

116) Electrochemical and theoretical investigation of N-benzylidene derivatives on corrosion inhibition behavior of copper in hydrochloric acid

M. Behpour, F.S. Razavi

20th Iranian Seminar of Analytical chemistry, Isfahan University of Technology, Isfahan, Feb. 25-27, 2014

117) Voltammetry studies for simultaneous determination of methylparaben and propylparaben at the surface of glassy carbon electrode assisted by chemometric methods

Mohsen Behpour, Saeed Masoum, Azadeh Lalifar

20th Iranian Seminar of Analytical chemistry, Isfahan University of Technology, Isfahan, Feb. 25-27, 2014

118) Investigation of inhibitory action of self-assembled garlic extract on the corrosion protection of copper

F. Alizadeh, **M. Behpour**

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