

Sadegh Khazalpour

Assist. Prof. of Analytical Chemistry

CONTACT INFORMATION:

Department of Analytical Chemistry, Faculty of Chemistry,

Bu-Ali Sina University, Hamadan, Iran.

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PERSONAL INFORMATION:

Date of Birth: 4 November 1986

Place of Birth: Hamedan

Citizenship: Iran

Marital Status: Married, My wife is Ph.D. of Analytical Chemistry (Electrochemistry)

Children: One son

EDUCATION:

2011-2015 Ph.D.: Chemistry

Field: Analytical Chemistry

Title: Electrochemical study of *N,N*-Dimethyl-*p*-nitrosoaniline and synthesis of new sulfonamides and electrochemical synthesis of nano porous mixed ligand metal-organic framework: DMOF-1-Zn

Department of Analytical Chemistry, Faculty of Chemistry, [Bu-Ali Sina University](#), Hamadan, Iran.

2009-2011 M.Sc.: Chemistry

Field: Analytical Chemistry

Title: Electrochemical study of 4-(1-piperazino)phenol and resazurin.

Department of Analytical Chemistry, Faculty of Chemistry, [Bu-Ali Sina University](#),
Hamadan, Iran.

2005-2009 B. Sc.: Chemistry

Department of Analytical Chemistry, Faculty of Chemistry, [Bu-Ali Sina University](#),
Hamadan, Iran.

HONORS & AWARDS:

- ✓ Achieved the 3rd place and bronze medal in 2nd international scientific Olympiad (chemistry) competitions, July 15-17, 2009.
- ✓ Achieved the 3rd place in 22nd Khwarizmi Youth Awards in Basic researches, 2020
- ✓ Achieved the 6th rank in Chemistry Nationwide Competitive M.Sc. Entrance Exam 2009 among 14437 participants in 9 fields (Analytical Chemistry, Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Nanochemistry, Educational Chemistry, Polymer, Pharmaceutical Chemistry, Applied Chemistry, Phytochemistry and Petroleum).
- ✓ Membership of the National Elite Foundation, Iran.
- ✓ Membership of the Talent of Bu-Ali Sina University (2005-2009 among B.Sc.) with average of 19.21/20.
- ✓ Membership of the Talent of Bu-Ali Sina University (2009-2011 among M.Sc.) with average of 18.94/20.
- ✓ Membership of the Talent of Bu-Ali Sina University (2011-2015 among Ph.D.) with average of 19.19/20.
- ✓ Distinguished Student among B.Sc. chemistry students, Bu-Ali Sina University, Hamedan, Iran.
- ✓ Distinguished Student among M.Sc. chemistry students, Bu-Ali Sina University, Hamedan, Iran.
- ✓ Scholarship from National Elite Foundation of Iran in M.Sc. period.

CURRENT RESEARCH INTERESTS:

- ✓ Electrochemical Synthesis
- ✓ Electrochemical Determination
- ✓ Hydrogen Evolution Reaction
- ✓ Industrial Electrochemistry

SUPERVISED THESIS:

- Graduate M.Sc.:
 - 1) Maryam Mehrdadian
 - 2) Parvaneh Amooshahi
 - 3) Khatereh Wahedi
 - 4) Sara Torabi
- At the moment I have 5 M.Sc. and 3 Ph.D. students.

ADVISED THESIS:

- Graduate Ph.D.:
 - 1) Zeynab Zohdi-Jamil
 - 2) Parisa Taravati Ahmad
 - 3) Mahmoud Masoudi Khoram

TEACHING EXPERIENCE:

B. Sc. level:

- General Chemistry I&II
- Laboratory of general chemistry I
- Analytical Chemistry I&II
- Laboratory of analytical chemistry I&II
- Laboratory of instrumental analytical chemistry
- Applied electrochemistry
- Laboratory of Applied electrochemistry

M.Sc. level:

- **Industrial electrochemistry**

Ph.D. level:

- **Bioelectrochemistry**
- **Advanced Analytical Spectroscopy**
- **Modern Electrochemical Method**

REFEREED JOURNAL PAPERS

.....2012.....

1. Electrochemical Oxidation of 4-(Piperazin-1-yl)phenol in the Presence of Aryl Sulfinic Acids

Davood Nematollahi, **Sadegh Khazalpour** and Amene Amani, *J. Electrochem. Soc.* 2012, 159(4), 82-86.

2. Electrochemical oxidation of 4-(piperazin-1-yl)phenols in the presence of indole derivatives: The unique regioselectivity in the synthesis of highly conjugated bisindolyl-*p*-quinone derivatives

Amene Amani, **Sadegh Khazalpour** and Davood Nematollahi, *J. Electroanal. Chem.* 2012, 670, 36-41.

.....2013.....

3. Electrochemical Oxidation of Acetaminophen and 4-(Piperazin-1-yl)phenols in the Presence of 4-Hydroxy-1-methyl-2(1*H*)-quinolone

Amene Amani, **Sadegh Khazalpour** and Davood Nematollahi, *J. Electrochem. Soc.* 2013, 160(1), 33-40.

.....2014.....

4. A Green Electrochemical Method for the Synthesis of Acetaminophen Derivatives

Davood Nematollahi, Shima Momeni, and **Sadegh Khazalpour**, *J. Electrochem. Soc.* 2014, 161(3), 75-78.

5. Electrochemical study of Alamar Blue (resazurin) in aqueous solutions and room-temperature ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate at a glassy carbon electrode

Sadegh Khazalpour and Davood Nematollahi, *RSC Adv.*, 2014, 4, 8431-8438.

6. Different strategies in electrochemical synthesis of new mono and di-substituted hydroquinone and benzoquinone

Davood Nematollahi, Shima Momeni and **Sadegh Khazalpour**, *Electrochim. Acta* 2014, 147, 310-318.

.....2015.....

7. Thermodynamic study of the electrochemical oxidation of some aminophenol derivatives:

Experimental and theoretical investigation

Hadi Beiginejad, Amene Amani, Davood Nematollahi and **Sadegh Khazalpour**, *Electrochim. Acta* 2015, 154, 235-243.

8. Electrochemical synthesis of pillared layer mixed ligand metal–organic framework: DMOF-1-Zn

Sadegh Khazalpour, Vahid Safarifard, Ali Morsali and Davood Nematollahi, *RSC Adv.*, 2015, 5, 36547-36551.

9. Electrochemical and chemical synthesis of different types of sulfonamide derivatives of N,N-dimethyl-1,4-benzenediamine using 4-nitroso-N,N-dimethylaniline

Sadegh Khazalpour and Davood Nematollahi, *Green Chem.*, 2015, 17, 3508-3514.

10. A Green Approach for the Synthesis of Bis (Substituted Sulfabenzamide) para-Benzoquinone Based on the Reaction of Sulfabenzamide with Electrochemically Generated para-Benzoquinone and its antibacterial evaluation

Sadegh Khazalpour, Davood Nematollahi and Mohammad Reza Pajohi-Alamoti, *New J Chem.*, 2015, 39, 6734-6737.

11. A palladium–phosphine catalytic system as an active and recyclable precatalyst for Suzuki coupling in water

Seyyed Javad Sabounchei, Marjan Hosseinzadeh, Mohammad Panahimehr, Davood Nematollahi, Hamid Reza Khavasi, **Sadegh Khazalpour**, *Transition Met. Chem.*, 2015, 40, 657-663.

12. Electroreductive nucleophile acceptor generation. Electrochemical synthesis of N-(4-(dimethylamino)phenyl)benzenesulfonamide

Sadegh Khazalpour, Davood Nematollahi, Azizan Ahmad, Bahram Dowlati, *Electrochim. Acta* 2015, 180, 909-913.

13. [Thermodynamic and Electrochemical Oxidation of Some Diamine Derivatives: Experimental and Theoretical Investigation](#)

Hadi Beiginejad, Davood Nematollahi and **Sadegh Khazalpour**, *J. Electrochem. Soc.* 2015, 162(12), H877-H883.

.....2016.....

14. [Mechanistic Study of Electrochemical Oxidation of 4-Morpholinoaniline in Aqueous Solution: Experimental and Theoretical Studies](#)

Hadi Beiginejad, Davood Nematollahi and **Sadegh Khazalpour**, *J. Electrochem. Soc.* 2016, 163(3), H234-H239.

15. [Product diversity by changing the electrode potential. Synthesis, kinetic evaluation and antibacterial activity of arylsulfonyl-4,4'- biphenol and bis-arylsulfonyl-4,4'-biphenol derivatives](#)

Davood Nematollahi, Maryam Baniardalan, **Sadegh Khazalpour**, Mohammad Reza Pajohi-Alamoti, *Electrochim. Acta* 2016, 191, 98–105.

16. [Electrochemical Study of 4-Nitroso-N,N-dimethylaniline in Nonaqueous Solvents](#)

Sadegh Khazalpour and Davood Nematollahi, *J. Electrochem. Soc.* 2016, 163(9), G133-G137.

17. [Kinetic study on electrochemical oxidation of catechols in the presence of cycloheptylamine and aniline: Experiments and digital simulation](#)

Davood Nematollahi, Fatemeh Ghasemi, **Sadegh Khazalpour** and Fahimeh Varmaghani, *J. Chem. Sci.* 2016 128 (2), 1887–1894.

.....2017.....

18. [Electrochemical oxidation of some catechol derivatives in the presence of some betadiketone derivatives: mechanistic and thermodynamic study](#)

Hadi Beiginejad, Davood Nematollahi and **Sadegh Khazalpour**, *J. Iran. Chem. Soc.* 2017, 14(4), 873-882.

19. [Electrochemical Oxidation of Sulfinic Acids: Efficient Oxidative Synthesis of Diaryl Disulfones](#)

Davood Nematollahi, Mahsa Joudaki, **Sadegh Khazalpour**, and Firozeh Pouladi, *J. Electrochem. Soc.* 2017, 164(6), G65-G70.

20. [A green strategy for the synthesis of sulfone derivatives of *p*-methylaminophenol: Kinetic evaluation and antibacterial susceptibility](#)

Davood Nematollahi, **Sadegh Khazalpour**, Mina Ranjbar & Shima Momeni, *Sci. Rep.* 2017, 7, 4436.

21. [Mechanistic and Thermodynamic Study of Electrochemical Oxidation of 4-Morpholinoaniline in the Presence of Different Nucleophiles](#)

Hadi Beiginejad, Davood Nematollahi and **Sadegh Khazalpour**, *J. Electrochem. Soc.* 2017, 164(13), H946-H951.

.....2018.....

22. [Binding Studies of Isoxsuprine Hydrochloride to Calf Thymus DNA Using Multispectroscopic and Molecular Docking Techniques](#)

Sadegh Salehzadeh, Farshid Hajibabaei, Neda Hosseinpour Moghadam, Samira Sharifinia, **Sadegh Khazalpour**, Reza Golbedaghi, *J. Fluoresc.*, 2018, 28 (1), 195-206.

23. [Electrochemical Synthesis of a New Derivative of 1,4-Dihydroxybenzene: Embedded Nucleophile in the Structure of Electrophile](#)

Hassan Goodarzi, Alireza Asghari, Ameneh Amani, Maryam Rajabi, Davood Nematollahi, and **Sadegh Khazalpour**, *J. Electrochem. Soc.* 2018, 165(10), H667-H672.

.....2019.....

24. [In vitro cytotoxicity and DNA/HSA interaction study of triamterene using molecular modeling and multi-spectroscopic methods](#)

Neda Hosseinpour Moghadam, Sadegh Salehzadeh, Hamid Tanzadehpanah, Massoud Saidijam, Jamshid Karimi & **Sadegh Khazalpour**, *J. Biomol. Struct. Dyn.* 2019, 37(9), 2242-2253.

25. [DNA binding and molecular docking studies of a new Cu \(II\) complex of isoxsuprine drug](#)

Farshid Hajibabaei, Sadegh Salehzadeh, Reza Golbedaghi, Neda Hosseinpour Moghadam, Samira Sharifinia, **Sadegh Khazalpour**, Zahra Baghaeifar, *Polyhedron*, 2019, 162, 232-239.

.....2020.....

26. [Electrochemical Evidence in Mechanism of Toxicity of Mefenamic Acid Overdose in the Presence of Glutathione and N-Acetyl-L-Cysteine](#)

Parvaneh Amooshahi, **Sadegh Khazalpour**, Ameneh Amani, *J. Electrochem. Soc.* 2020, 167(4), 045503.

27. [Upgraded Valorization of Biowaste: Laser-Assisted Synthesis of Pd/Calcium Lignosulfonate Nanocomposite for Hydrogen Storage and Environmental Remediation](#)

Bahareh Feizi Mohazzab, Babak Jaleh, Mahmoud Nasrollahzadeh, **Sadegh Khazalpour**, Mohaddeseh Sajjadi, Rajender S. Varma, *ACS Omega*, 2020, 5, 11, 5888–5899.

28. [Applications of phosphonium-based ionic liquids in chemical processes](#) (Review)

Sadegh Khazalpour, Meysam Yarie, Effat Kianpour, Ameneh Amani, Simin Asadabadi, Jaber Yousefi Seyf, Majid Rezaeivala, Saeid Azizian, Mohammad Ali Zolfigol, *J. Iran. Chem. Soc.* 2020, 17, 1775–1917.

29. [Electrochemical Assessment of EC and ECE Mechanisms for Caffeic Acid in the Presence of Aromatic Amines](#)

Khatera Wahedi, Parvaneh Amooshahi, Mahdi Jamshidi, **Sadegh Khazalpour**, *Analytical and Bioanalytical Chemistry research*, 2020, 7(3), 345-353.

30. [Electrochemical Behavior and LC-MS Analysis of Anthocyanin's in Vaccinium Arctostaphylos L. Extract: The Molecular Modelling of Potential Inhibition to COVID-19 and ROS Generation Receptors](#)

Mahdi Jamshidi, Sara Torabi, Mansoureh Tavan, Ali Azizi, and **Sadegh Khazalpour**, *J. Electrochem. Soc.* 2020, 167, 155505.

31. [Transition metal-catalyzed electrochemical processes for C–C bond formation](#) (Review)

Sara Torabi, Mahdi Jamshidi, Parvaneh Amooshahi, Maryam Mehrdadian and **Sadegh Khazalpour**, *New J. Chem.*, 2020, 44, 15321

32. [Facile synthesis of graphitic carbon nitride/chitosan/Au nanocomposite: A catalyst for electrochemical hydrogen evolution](#)

Atefeh Nasri, Babak Jaleh, **Sadegh Khazalpour**, Mahmoud Nasrollahzadeh, Mohammadreza Shokouhimehr, *Int. J. Biol. Macromol.* 2020, 164, 3012–3024.

33. [Facile synthesis and electrochemical hydrogen storage of Bentonite/TiO₂/Au nanocomposite](#)

Mahtab Eslamipannah, Babak Jaleh, Bahareh Feizi Mohazzab, **Sadegh Khazalpour**, Mahmoud Nasrollahzadeh, Mohammadreza Shokouhimehr, *Int. J. Hydrogen Energy*, 2020, 45(58), 33771-33788.

34. [Probing the Strength and Mechanism of Binding Between Amifampridine and Calf Thymus DNA](#)

Samira Sharifinia, Farshid Hajjibabaei, Sadegh Salehzadeh, Neda Hosseinpour Moghadam, and **Sadegh Khazalpour**, *DNA and Cell Biology*, 39(12), 2020, 2134-2142.

35. [Comparative evaluation of the efficiency of batch and flow electrochemical cells in the synthesis of a new derivative of 2-thenoyltrifluoroacetone](#)

Mahmood Masoudi-Khoram, Davood Nematollahi, **Sadegh Khazalpour**, Shima Momeni, Mahdi Jamshidi, *J. Electroanal. Chem.*, 2020, 879, 114796.

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36. [Synthesis of biological based hennotannic acid-based salts over porous bismuth coordination polymer with phosphorous acid tags](#)

Saeed Babaee, Mahmoud Zarei, Mohammad Ali Zolfigol, **Sadegh Khazalpour**, Masoumeh Hasani, Uwe Rinnerc, Romana Schirhagl, Neda Norouzzid and Sadegh Rostamnia, *RSC Adv.*, 2021, 11, 2141-2157.

37. [Electrochemical fabrication of rGO/PANI-Au- \$\gamma\$ MnO₂ nanocomposites as supercapacitor electrode materials](#)

Parisa Taravati Ahmad, Babak Jaleh, **Sadegh Khazalpour**, Reihaneh Gharehbaghi and Rajender S. Varma, *J. Mater. Sci.: Mater. Electron.*, 2021, 32, 3038–3053.

38. [Characterization, Electrochemical Detection, Biological Evaluation and Molecular Modelling of 1,5-Di-O-caffeoylquinic Acid from Artichoke \(Cynara scolymus L.\) Head Extract](#)

Mahdi Jamshidi, Akram Ranjbar, **Sadegh Khazalpour**, Dara Dastan, Mojtaba Vakili-Azghandi, Sara Torabi, Ameneh Amani, Hojat Alizadeh and Mahsa Sedaghat, *J. Electrochem. Soc.* 2021, 168, 016509.

39. [Deep eutectic solvent based ultrasound assisted emulsification microextraction for preconcentration and voltammetric determination of aflatoxin B1 in cereal samples](#)

Zeynab Zohdijamil, Seyed Ahmad Reza Ahmadi Afshar, **Sadegh Khazalpour** and Mahdi Hashemi, *Anal. Methods*, 2021,13, 946-954.

40. [Electrochemical oxidation of 4-ethynylaniline: A green electrochemical protocol for the synthesis of diazine compounds](#)

Maryam Mehrdadian, **Sadegh Khazalpour**, Ameneh Amani, Mahdi Jamshidi, *Electrochimica Acta*, 2021, 381, 138242.

41. [Fabrication and design of new redox active azure A/3D graphene aerogel and conductive trypan blue–nickel MOF nanosheet array electrodes for an asymmetric supercapattery](#)

Tahereh Sadeghian Renani, Seyyed Mehdi Khoshfetrat, Jalal Arjomandi, Hu Shi c and **Sadegh Khazalpour**, *J. Mater. Chem. A*, 2021, 9, 12853-12869.

42. [Hardystonite/palladium nanocomposite as a high performance catalyst for electrochemical hydrogen storage and Cr\(VI\) reduction](#)

Seyedeh Soheila Mousavi, Babak Jaleh, Mahmoud Nasrollahzadeh, Fatemeh Ahmadpoor, Mojdeh Azizi, Atefeh Nasri, **Sadegh Khazalpour**, *Int. J. Hydrogen Energy*, 2021, 46 (49), 25175-25188.

43. [Hydrogen production by Electrochemical reaction using waste zeolite boosted with Titania and Au nanoparticles](#)

Niloofar Fadaee Takmil, Babak Jaleh, Bahareh Feizi Mohazzab, **Sadegh Khazalpour**, Akbar Rostami-Vartooni, Thi Hong Chuong Nguyen, Xuan Cuong Nguyen, Rajender S. Varma, *Inorg. Chem. Commun.*, 2021, 133, 108891.

44. [Insights into the hydrogen adsorption on deposited graphene oxide by zirconia and gold nanoparticles](#)

Bahareh Feizi Mohazzab, Babak Jaleh, **Sadegh Khazalpour**, Mahmoud Nasrollahzadeh, Masoud Zare, Ho Won Jang, Mohammadreza Shokouhimehr, *J. Phys. Chem. Solids*, 2021, 154, 110061.

45. [Laser-assisted synthesis of bentonite/Pd nanocomposite and its electrochemical hydrogen storage capacity](#)

Seyedeh Soheila Mousavi, Babak Jaleh, Mahmoud Nasrollahzadeh, Mahtab Eslamipannah, **Sadegh Khazalpour**, Yasin Orooji, *Microporous Mesoporous Mater.*, 2021, 328, 111439.

46. [Progress and perspectives of electrochemical insights for C–H and N–H sulfonylation \(Review\)](#)

Mahdi Jamshidi, Ameneh Amani, **Sadegh Khazalpour**, Sara Torabi and Davood Nematollahi, *New J. Chem.*, 2021, **45**, 18246-18267.

.....2022.....

47. [Convergent paired electrochemical synthesis of symmetric dispiro and spiropyrimidine derivatives based on reduction of para-nitrophenol](#)

Mahmoud Masoudi Khoram, Niloofar Mohamadighader, Davood Nematollahi, **Sadegh Khazalpour**, Hossein Masoumi, Hojjat Alizadeh, *J. Electroanal. Chem.*, 2022, **904**, 115946.

48. [Electrocatalytic Behavior of TiO₂/MWCNTs Nanocomposite Decorated on Glassy Carbon Electrode for Individual and Simultaneous Voltammetric Determination of Adenine and Guanine in Real Samples](#)

Azam Zolfaghari Asl, Amir Abbas Rafati, and **Sadegh Khazalpour**, *J. Electrochem. Soc.*, 2022, **169**, 047516.

49. [Electrocatalytic generation of hydrogen peroxide using carbon electrode modified with 5 H - dibenzo\[b,i\]xanthene-5,7,12,14\(13 H\) - tetraone derivative. A green and efficient method](#)

Mahmoud Masoudi Khoram, Davood Nematollahi, **Sadegh Khazalpour**, Mahmoud Zarei, Mohammad Ali Zolfigol, *Electrochim. Acta*, 2022, **407**, 139885.

50. [Electrochemical oxidation assisted with the 1,3-dipolar cycloaddition for the synthesis of the new substituted triazole](#)

Maryam Mehrdadian, **Sadegh Khazalpour**, Ameneh Amani, *J. Electroanal. Chem.*, 2022, **907**, 116056.

51. [Green electrochemical method for the synthesis of nitro and azo derivatives based on mefenamic acid](#)

Parvaneh Amooshahi, **Sadegh Khazalpour**, Ameneh Amani & Hossein Masoumi, *Sci. Rep.*, 2022, **12**, 1106.

52. [Electrochemical synthesis of new quinone-imines with assisted of 4-ethynylaniline and para-toluidine as nucleophile](#)

Maryam Mehrdadian, **Sadegh Khazalpour**, Ameneh Amani, *Electrochim. Acta*, 2022, 427, 140849.

PAPER PRESENTED AT MEETINGS AND CONGRESSES

The 9th Iranian Biennial Electrochemistry Conference (9IBEC), Yazd University, Yazd, Iran, 22-24 January 2011.

1. Electrochemical study of resazurin at a glassy carbon electrode

Sadegh Khazalpour, Davood Nematollahi, *The 9th Iranian Biennial Electrochemistry Conference (9IBEC) Yazd, Iran, 22-24 January, 2011.*

2. Electrochemical oxidation of 4-(piperazin-1-yl)phenol in the presence of arylsulfonic acids. Synthesis of the new substituted piperazines

Sadegh khazalpour, Davood Nematollahi, *The 9th Iranian Biennial Electrochemistry Conference (9IBEC) Yazd, Iran, 22-24 January, 2011.*

The 7th Annual Seminar of Electrochemistry of Iran, K. N. Toosi University of Technology, Tehran, Iran, 9-10 November 2011.

3. One-Pot Synthesis of Highly Conjugated Symmetric Indole Derivatives: Based on Electrochemical Oxidation of 4-(piperazin-1-yl)phenol In the Presense of Two Nucleophiles

S. Khazalpour, D. Nematollahi, *The 7th Annual Seminar of Electrochemistry of Iran, K. N. Toosi University of Technology , Tehran, Iran, 9-10 November, 2011.*

The 10th Iranian Biennial Electrochemistry Seminar (IBES10), Razi University, Kermanshah, Iran, 17-19 July 2012.

4. Electrochemical Oxidation of Hydroquinone in the Presence of Arylsulfonic Acids

S. Khazalpour, Sh. Momeni, D. Nematollahi, *The 10th Iranian Biennial Electrochemistry Seminar, Razi University, Kermanshah, Iran, 17-19 July 2012.*

5. Electrochemical Synthesis of the New Substituted Acetaminophen

Sh. Momeni , **S. Khazalpour**, D. Nematollahi, *The 10th Iranian Biennial Electrochemistry Seminar, Razi University, Kermanshah, Iran, 17-19 July 2012.*

The 20th Iranian Analytical Chemistry Seminar, Isfahan University of Technology, Isfahan, Iran, 25-27 February 2014.

6. Electrochemical study of Haemalum in presence of Phosphate and EDTA

R.Mohamadnazari, **S.Khazalpour**, D.Nematollahi, *The 20th Iranian Analytical Chemistry Seminar, Isfahan University of Technology, Isfahan, Iran, 25-27 February 2014.*

7. Electrochemical oxidation of 4-(Piperazin-1-yl)phenols in aqueous and organic solvents

Ameneh Amani, Davood Nematollahi, **Sadegh Khazalpour**, *The 20th Iranian Analytical Chemistry Seminar, Isfahan University of Technology, Isfahan, Iran, 25-27 February 2014.*

8. Electrochemical oxidation of N,N-dialkyl-p-phenylenediamines in the presence of the coumarins

A. Dahpahlevan, **S. Khazalpour**, D. Nematollahi, *The 20th Iranian Analytical Chemistry Seminar, Isfahan University of Technology, Isfahan, Iran, 25-27 February 2014.*

9. Electrochemical Study of catechols in the presence of 4,6-Dimethyl-2-mercaptopyrimidine

A. Dahpahlevan, **S. Khazalpour**, D. Nematollahi, *The 20th Iranian Analytical Chemistry Seminar, Isfahan University of Technology, Isfahan, Iran, 25-27 February 2014.*

The 10th Annual Seminar of Electrochemistry of Iran, Iran University of science and Technology, Tehran, Iran, 26-27 November 2014.

10. Electrochemical oxidation of catechols in the presence of the cycloheptylamine and cyclopropylamine

D. Nematollahi, F. Ghasemi, **S. Khazalpour**, *The 10th Annual Seminar of Electrochemistry of Iran, Iran University of science and Technology, Tehran, Iran, 26-27 November 2014.*

11. Electrochemical Oxidation of 2,2'-Biphenol In The Presence of Arilsulfinic Acids

D. Nematollahi, F. Puladi, **S. Khazalpour**, *The 10th Annual Seminar of Electrochemistry of Iran, Iran University of science and Technology, Tehran, Iran, 26-27 November 2014.*

12. Electrochemical oxidation of 4,4'-biphenol in the presence of Arylsulfinic Acids

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13. Electrochemical study of 4-methylaminophenol in the presence of arylsulfinic acids: Synthesis of new sulfone derivatives of 4-methylaminophenol

D. Nematollahi, M. Ranjbar, **S. Khazalpour**, *The 10th Annual Seminar of Electrochemistry of Iran, Iran University of science and Technology, Tehran, Iran, 26-27 November 2014.*

The Asian Nano Forum Conference, 8-11 March, 2015- Kish Island, IR Iran.

14. Electrochemical synthesized of nano scale mixed-ligand Zn-organic framework

S. Khazalpour, V. Safarifard, A. Morsali, D. Nematollahi, *The Asian Nano Forum Conference, 8-11 March, 2015- Kish Island, IR Iran.*

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15. Efficient Factors on the Hydrolysis Reaction Rate of Some Para-diamines Derivatives: Experimental and Theoretical Studies

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16. Electrochemical oxidation of Naphthalene-2,3-diol at various condition: Experimental and theoretical investigation

Sadegh Khazalpour, Hadi Beiginejad*, Davood Nematollahi, *The 11th Annual Seminar of Electrochemistry of Iran, Tarbiat Modares University, Tehran, 18-19 Nov, 2015.*

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17. Electrochemical oxidation of 2-nitroso-1-naphtol in the presence of sulfinic acids

Davood Nematollahi, Ayat Namdar and **Sadegh Khazalpour**, *The 12th Annual Seminar of Electrochemistry of Iran, Tarbiat Modares University, Tehran, 16-17 Nov, 2016.*

The 23rd Iranian Seminar of Analytical Chemistry, Sharif University of Technology, Tehran, 30 Aug-1 Sep. 2016.

18. Electrochemical Oxidation of Pyrocatechol in the Presence of 1-(2-thenoyl)-3,3,3-trifluoroacetone

S. Khazalpour, D. Nematollahi, *The 23rd Iranian Seminar of Analytical Chemistry, Sharif University of Technology, Tehran, 30 Aug-1 Sep. 2016. p 100.*

19. Electrochemically Mediated Oxidation of Glutathione and N-Acetylcysteine with 4-(Piperazin-1-yl) Phenol

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20. Electrochemical Oxidation of N-(2-hydroxyphenyl) acetamide in the Presence of Arylsulfinic Acids

D. Nematollahi, A. Shajari, **S. Khazalpour**, *The 23rd Iranian Seminar of Analytical Chemistry, Sharif University of Technology, Tehran, 30 Aug-1 Sep. 2016. p 88.*

21. Electrochemical Oxidation of Piperazine in the Presence of Acetylacetone

D. Nematollahi, M. Joudaki, **S. Khazalpour**, *The 23rd Iranian Seminar of Analytical Chemistry, Sharif University of Technology, Tehran, 30 Aug-1 Sep. 2016. p 131.*

The 12th Iranian Biennial Electrochemistry Seminar, University of Isfahan, Isfahan, Iran, 3-4 May 2017.

22. Steel Coated Nano-PbO₂ for Oxidation of Chloride to Perchlorate

S. Khazalpour, Zahra Tavakoli, Maryam Mehrdadian, *The 12th Iranian Biennial Electrochemistry Seminar, University of Isfahan, Isfahan, Iran, 3-4 May 2017.*

23. Electrochemical Oxidation of Hexamethylene-bis-urazol in the Presence of Azid

S. Khazalpour, Maryam Mehrdadian, Zahra Tavakoli, *The 12th Iranian Biennial Electrochemistry Seminar, University of Isfahan, Isfahan, Iran, 3-4 May 2017.*

24. A Green Approach for the Electrosynthesis of New Sulfonamide Derivative using 4,4'-Diaminodiphenyl ether

Sh. Momeni, **S. Khazalpour**, D. Nematollahi, *The 12th Iranian Biennial Electrochemistry Seminar, University of Isfahan, Isfahan, Iran, 3-4 May 2017.*

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41. The Electrochemical Study of Hydroquinone in The Presence of 2-Amino-5-mercapto-1,3,4-thiadiazole as Nucleophile: a Green Strategy to Synthesis a Novel Thiadiazole Derivative

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