Academic CV

EMPLOYMENT

Davood Nematollahi
Department of Analytical Chemistry
Faculty of Chemistry
Bu-Ali Sina University
Hamedan, Iran
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EDUCATION

Degree	University	Year	Field	Thesis
Ph.D	Tabriz University	1991-1996	Analytical Chemistry	Electrochemical Study of Catechol and some of Derivatives in Various Solvents. Application to Synthesis of some Organic Compounds
M.Sc	Tabriz University	1988-1991	Analytical Chemistry	Polarographic Determination of Doxorubicin and Danuorubicin in Pharmaceutical Preparations and Biological Media
B.Sc	Kashan University	1983-1988	Chemistry	-

PROFESSIONAL MEMBERSHIPS

1. Iranian Chemical Society
2. International Society of Electrochemistry (ISE)
3. Iranian Electrochemical Society
4. The Electrochemical Society (ECS)

TECHING AND RESEARCH POSTIONS

Professor	August 2005-Present Bu-Ali Sina University
Research Associate	2003-2004, University of Western Ontario, London, ON N6A 3K7, Canada
Associate Professor	August 2001-August 2005, Bu-Ali Sina University
Assistant Professor	November 1996 to August 2001, Bu-Ali Sina University

TEACHING EXPERIENCE

Graduate	Undergraduate
• Advanced Analytical Chemistry • Electroanalytical Chemistry • Recent Advance in Electroanalytical Chemistry • Electrochemistry in non-aqueous solvents	• Analytical Chemistry I & II • Industrial Electrochemistry • General Chemistry • Analytical Chemistry Lab.

CURRENT RESEARCH INTERESTS

1. Electrochemical Synthesis
2. Electrochemical Determination
3. Industrial Electrochemistry
4. Green Chemistry

EDITORIAL ACTIVITIES

- Guest Editor of “Current organic Chemistry” (Bentham Science).
- Editorial Board, "Arkivoc".
- Editorial Board, "International Journal of Electrochemistry".
- Editorial Board, "Journal of Biophysical Chemistry".
- Editorial Board, "Analytical & Bioanalytical Electrochemistry".
- Editorial Board, "Journal of the Iranian Chemical Research"
- Editorial Board, "Australian Journal of Basic and Applied Sciences"
- Editorial Board, " Analytical and Bioanalytical Chemistry Research"

REFEREED JOURNAL PAPERS

[1] Polarographic Determination of Doxorubicin and Daunorubicin in Pharmaceutical Preparations and Biological Media. S.M. Golabi and **D. Nematollahi**, *J. Pharma. & Biomed. Anal.*, 10 (1992) 1035.

[2] Electrochemical Study of Catechol and 4-Methylcatechol in Methanol. Application to Electro-organic Synthesis of 4,5-Dimethoxy and 4-Methoxy-5-methyl-*o*-benzoquinone. **D. Nematollahi** and S.M. Golabi, *J. Electroanal. Chem.*, 405 (1996) 133.

[3] Electrochemical Study of Catechol in Ethanol. Application to Electro-organic Synthesis of 4,5-Diethoxy-*o*-benzoquinone. S.M. Golabi and **D. Nematollahi,** *Bull. Electrochem.*, 13 (1997) 156.

[4] Electrochemical Synthesis of Benzofuran Derivatives. Part 1: Electroanalytical Investigation. **D. Nematollahi** and S.M. Golabi, *Iranian J. Sci. Technol.*, 21 (1997) 121.

[5] Electrochemical study of Catechol and Some of 3-Substituted Catechols in the Presence of 4-Hydroxycoumarin. Application to Electro-organic Synthesis of New Coumestan Derivatives. S.M. Golabi and **D. Nematollahi**, *J. Electroanal. Chem.,* 420 (1997) 127.

[6] Electrochemical Study of 3,4-Dihydroxybenzoic acid and 4-*tert*-Butylcatechol in the Presence of 4-Hydroxycoumarin. Application to Electro-organic Synthesis of Coumestan Derivatives. S.M. Golabi and **D. Nematollahi**, *J. Electroanal. Chem.,* 430 (1997) 141.

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[8] Electrochemical Study of 2,3-Dihydroxybenzalehde in the Presence of 4-Hydroxycoumarin. Application to Electro-organic Synthesis of New Coumestan Derivatives. **D. Nematollahi** and S.M. Golabi, *Bull. Electrochem.,* 14 (1998) 97.

[9] An Efficient Method for Production and Storage of Unstable S-Nitrosothiols Under Mild and Heterogeneous Condition With Sodium Nitrite and Oxalic Acid Dehydrate. M.A. Zolfigol, **D.Nematollahi** and S.E. Mallakpour, *Synth., Commun*., 9 (1999) 2277.

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[10] Electrochemical Iodination and Bromination of Dibenzoylmethan. **D. Nematollahi,** A. Afkhami, M.A. Zolfigol, and N. Akaberi, *Bull. Electrochem.,* 16 (2000) 89.

[11] Investigation of the Electro-methoxylation Reaction. Part 1. Electrochemical Study of 4-tert Butylcatechol and 3,4-Dihydroxybenzaldehyd in methanol. **D. Nematollahi** and S.M. Golabi, *J. Electroanal. Chem.,* 481 (2000) 208.

[12] Synthesis of Some Novel Silver-Cysteamine Complexes. D. Habibi, E. Ghaemi and **D. Nematollah**i *Molecule*s, 5 (2000) 1194.

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[13] Investigation of the Electro-methoxylation Reaction Part 2: Electrochemical Study of 3-Methylcatechol and 2,3-Dihydroxybenzaldehyde in Methanol. **D. Nematollahi** and S.M. Golabi, *Electroanalysis*, 13 (2001) 1008.

[14] Electrochemical Study of Iodide in the Presence of Barbituric Acid. Application to Coulometric Titration of Barbituric Acid. **D. Nematollahi** and M. Hesari, *Microchemical Journal*, 70(2001)7.

[15] Electrochemical Study of Iodide and Bromide in the Presence of Dimedone. Application to the Electroorganic Synthesis of Dimedone Halogen Derivatives. **D. Nematollahi**, and N.Akaberi, *Bull. Electrochem.*, 17 (2001) 61.

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[17] Electrochemical Study of Catechol and Some of 3-Substituted Catechols in the Presence of 1,3-Diethyl-2-thiobarbituric Acid. Application to the Electro-organic Synthesis of New Dispirothiopyrimidine Derivatives. **D. Nematollahi** and H. Goodarzi, *J. Electroanal. Chem.*, 510 (2001) 108.

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[57] An efficient electrochemical method for a unique synthesis of new derivatives of 7*H*-thiazolo[3,2-*b*]-1,2,4-triazin-7-one. L. Fotouhi, **D. Nematollahi,** M. M. Heravi, E. Tammari, *Tetrahedron Lett.*, 47 (2006) 1713-1716.

[58] Electrochemical Oxidation of 2,3-Dimethylhydroquinone in the Presence of 1,3-Dicarbonyl Compounds. S. S. Hosseiny Davarani, **D. Nematollahi,** N. Mashkouri Najafi, L. Masoumi, S. Ramyar, *J. Org.* Chem, 71 (2006) 2139-2141.

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[64] Electrochemical Oxidation of 3,5-Di-*tert*-butylcatechol: Synthesis and Characterization of the Formed *ortho*-Benzoquinhydrone Derivative. **D. Nematollahi,** H. Shayani-Jam *Electrochim. Acta*, 51 (2006) 6388.

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40. Mechanistic Study of the Oxidation of Catechols in the Presence of Cyanide Ions by Digital Simulation of Cyclic Voltammograms. **D. Nematollahi**, M. Alimoradi and S.Waqif Husain, *5th Iranian Electrochemical Meeting, Kerman University, Kerman, Iran, 10-11 September, 2003.*

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122. Electrochemical Oxidation of Hydroquinone Derivatives in the presence of Azide Ion. **D. Nematollahi,** E. Tammari, M. Hesari, H. Khoshsafar. *7th Biennial Electrochemistry Seminar of Iran (7BESI) Orumieh, Iran, 28-30 August, 2007.*

123. Kinetic Study of the Oxidation of Catechol in the Presence of some Azacrownethers by Digital Simulation of Cyclic Voltammograms. **D. Nematollahi,** L. Mohammadi Behzad. *7th Biennial Electrochemistry Seminar of Iran (7BESI) Orumieh, Iran, 28-30 August, 2007.*

124. Electrochemical Oxidation of Catechols in the presence of Oxobutanenitrile and Methylcyanoacetate. **D. Nematollahi,** M. Rafiee. *7th Biennial Electrochemistry Seminar of Iran (7BESI) Orumieh, Iran, 28-30 August, 2007.*

125. Determination of Kinetic Parameters of Paracetamol (N-(4-Hydroxy-phenyl)-acetamide) Hydrolysis in Acidic and Alkaline Media. **D. Nematollahi,** H. Shayani-Jam. *7th Biennial Electrochemistry Seminar of Iran (7BESI) Orumieh, Iran, 28-30 August, 2007.*

126. Kinetic Electrochemical Study of Nitroquinone Decomposition Digital Simulation of Cyclic Voltammograms. **D. Nematollahi,** E. Tammari, F. Varmaghani. *7th Biennial Electrochemistry Seminar of Iran (7BESI) Orumieh, Iran, 28-30 August, 2007.*

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127. Study of the Oxidation of Some Catechols in the Presence of 4-Amino-3-thio-1,2,4-triazole by Digital Simulation of Cyclic Voltammograme. L. Fotouhi, S. Taghavi Kani, **D. Nematollahi.** *International Conference on Natural Resource Environmental Management and Environmental Safety and Health 2007 (NREM & ESH 2007) with a theme of Green and Safe Environment to be held from 27 - 29 November 2007, Kuching, Sarawak, Malaysia.*

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15th Iranian Seminar of Organic Chemistry, August 27-29, 2008 Razi University, Kermanshah, Iran.

128. Electrochemical Oxidation of Catechols in the Presence of Phenylemeldrum's Acid. **D. Nematollahi,** M. Bamzadeh. *15th Iranian Seminar of Organic Chemistry, August 27-29, 2008 Razi University, Kermanshah, Iran.*

129. Electrochemically Induced Diels-Alder Reaction of Hydroquinone with 1,3-Cyclopentadiene. **D. Nematollahi**, A. Ghorbani. *15th Iranian Seminar of Organic Chemistry, August 27-29, 2008 Razi University, Kermanshah, Iran.*

130. Oxidation of Catechols in the Presence of *N,N'*-Dibenzylethylenediamine. D. Habibi, **D. Nematollahi,** S. Meshkin-Ghalam. *15th Iranian Seminar of Organic Chemistry, August 27-29, 2008 Razi University, Kermanshah, Iran.*

131. Oxidation of Catechols in the Presence of *N,N'*-Diethylethylenediamine. D. Habibi, **D. Nematollahi,** Z. Asgari. *15th Iranian Seminar of Organic Chemistry, August 27-29, 2008 Razi University, Kermanshah, Iran.*

132. Chemical Oxidation of Catechol in the Presence of Indol. E. Tammari, M. Kasra, **D. Nematollahi.** *15th Iranian Seminar of Organic Chemistry, August 27-29, 2008 Razi University, Kermanshah, Iran.*

133. Electrochemical Oxidation of 3-methylcatechol in the Presence of Azide Ion. **D. Nematollah**i, H. Khoshsafar. *15th Iranian Seminar of Organic Chemistry, August 27-29, 2008 Razi University, Kermanshah, Iran.*

134. Organic Synthesis Based on Electrochemical Oxidation of Catechol. More than One Decade Effort. **D. Nematollahi.** *15th Iranian Seminar of Organic Chemistry, August 27-29, 2008 Razi University, Kermanshah, Iran.*

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135. Electrochemical Oxidation of Catechols in the Presence of 4-Hydroxy-3-nitrocoumarin. A echanistic Study on Convergent Paired Electrochemical Synthesis of New Coumestan Derivatives. **D. Nematollahi,** H. Karbasi. *6th Aegean Analytical Chemistry Days (AACD), Denizli, Turkey 9-12 October 2008.*

136. Electroanalytical Investigation Oxidation of Catechols in the Presence of 2-Mercaptobenzothiazol. E. Tammari, **D. Nematollahi.** *6th Aegean Analytical Chemistry Days (AACD), Denizli, Turkey 9-12 October 2008.*

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137. Efficient Anodic Pyridination of Catechols. B. Dadpour, H. Shayani-Jam, **D. Nematollahi.** *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

138. Electrochemical Study of 4-Methylesculetin. H. Salehzadeh, M. Rafiee, **D. Nematollahi.** *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

139. Electrochemical Oxidation of Dihydroxybenzene Derivatives in the Presence of 1-Methylindole. V. Hedayatfar, **D. Nematollahi**. *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

140. Electrochemical Oxidation of Acetaminophen in the Presence of L,3-Dimethy Barbituric Acid . E. Tammari, **D. Nematollahi,** M. Kazemi. *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

141. Electrochemical Investigation of Oxidation of Acetaminophen in the Presence of 2-Mercaptopyrimidine. E. Tammari, **D. Nematollahi,** A. Yeganeh, F. Fartash, *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

142. Voltametric Oxidation of Catechol Derivatives Exprimental and Geometric Studies. A. Mansouri, H. Khoshsafar, S. Jameh-Bozorghi, **D. Nematollahi.** *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

143. Electrochemical and Kinetic Study of the Oxidation of Catechol in the Presence of Tetraphenyl-2,4cyclopentadien-1-on (Cyclone). E. Tammari, **D. Nematollahim,** Z. Kohzadi. *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

144. Electrochemical Oxidation of Catechol in the Presence of 4-pyridinecarboxylic acid hydrazide. A. Niazi, F. Jaberi, S. Sadeghi, **D. Nematollahi**. *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

145. Direct Electrochemistry of Reduced Nicotinamide Adenine Dinucleotide (NADH) on a Catechol Derivative Modified Carbon Paste Electrode. F. Raei, L. Fotouhi, **D. Nematollahi,** S. Dehghan Pour. *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

146. A Facile Galvanostatic Method for the Synthesis of Triphenylphosphine Oxide. A.A. Rajabi, A. Maleki, **D. Nematollahi**. *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

147. Electrocchemical Study of Catechol in the Presence of Pyridine and Pyridine-3-Carboxylic Acid. F. Bagheban-Shahri, A. Akrami, A. Niazi, **D. Nematollahi**. *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

148. Electrochemically Induced Cycloaddition Reaction Between Anodically Activated 2,5-Dihydroxybenzoic Acid and 1,3-cyclopentadien. A. Ghorbani, **D. Nematollahi.** *8th Iranian Biennial Seminar of Electrochemistry Sanandaj, Iran, 14-16 July, 2009.*

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149. Electrochemical Oxidation of Acetaminophen in the Presence of 8-Hydroxyquinoline. E. Tammari, M. kazemia, **D. Nematollahi.** *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

150. An efficient Method for Synthesis of New 4-Methylesculetin Derivative. **D. Nematollahi,** H. Salehzadeh1, M. Rafiee. *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

151. Kinetic Study of 4-Nitrocatechol Oxidative Ring Cleavage in Different Solvents Using Cyclic Voltammogram Digital Simulation. **D. Nematollahi,** E.Tammari, F. Varmaghani. *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

152. A Facile Electrochemical Method for the Synthesis of Methylene Blue. A. Maleki, **D. Nematollahi.** *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

153. Electrochemical Investigation of Oxidation of Acetaminophen in the Presence of 4,6-Dimethyl-2-mercaptopyrimidine. E. Tammari, A. Yeganeh, **D. Nematollahi,** F. Fartash. *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

154. Electrocatalytic Activity of 7*H*-Thiazolo-[3,2-b]-trazin-7-one Derivative. Multi-Wall Carbon Nanotubes Immobilized on Carbon Paste Electrode for NADH Oxidation. F. Raei, L. Fotouhi, **D. Nematollahi**, M.M. Heravi. *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

155. Electrochemical Synthesis of C-Phosphoniumquinol Betaine Compounds. R. Esmaili, **D. Nematollahi.** *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

156. Electrochemical Oxidation atechol in the Presence of Benzoylacetonitrile. A.R. Atlasi-Pak, **D. Nematollahi.** *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

157. New Evidences in Electrochemical Oxidation of Acetaminophen in Presence of Glutathione and acetylcysteine. H. Shayani-Jam, **D. Nematollahi.** *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

158. Electrochemical Oxidation of 3,5-Di-tertbutylcatechol in the Presence of Primary Amines. Investigation of Electrochemically Induced Quinoxaline Formation Reaction. F. Rasouli, E. Tammari, H. Khoshsafar, **D. Nematollahi**. *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

159. Electrochemical Oxidation of 1,4-Dihydroxyanthraquinone in the Presence of Toluensulfinic acid. A. Sayadi, **D. Nematollahi.** *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

160. Electrochemical Dimerization of 2-aminobenzenethiol. A. Ghorbani. **D. Nematollahi.** *16th Iranian Seminar of Analytical Chemistry, July 28-30, 2009, Bu Ali Sina University, Hamada, Iran.*

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161. Electrochemical synthesis of the new substituted piperazines. **D. Nematollahi**, A. Amani. *Second Regional Symposium on Electrochemistry: South-East Europe. Sava Center, Belgrade, Serbia, June 6-10, 2010.*

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162. Electrochemical oxidation of hydroquinone in the presence of pyridine derivatives. B. Dadpoua, **D. Nematollahi**. *17th Iranian Seminar of Analytical Chemistry, September 12-14, 2010, University of Kashan, Kashan, Iran.*

163. An Environmentally Friendly Electrochemical Method for Synthesis of Catechol-phenanthroline Adduct. B. Dadpoua, **D. Nematollahi**. *17th Iranian Seminar of Analytical Chemistry, September 12-14, 2010, University of Kashan, Kashan, Iran.*

164. Electrochemical oxidation of catechols in the presence *N*-aceteylcysteine: Kinetic study by digital simulation of cyclic voltammograms. **D. Nematollahi,** R. Pourghobadi, H. Shayani-Jam. *17th Iranian Seminar of Analytical Chemistry, September 12-14, 2010, University of Kashan, Kashan, Iran.*

165. Electrochemical synthesis of 4-(dihydroxyphenylthio)-6-mehyl-2H-pyran-2-one with phase transfer catalyst assistant. M. Sargordan-Arani, **D. Nematollahi**. *17th Iranian Seminar of Analytical Chemistry, September 12-14, 2010, University of Kashan, Kashan, Iran.*

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166. Electrochemical oxidation of 4,4'-biphenol in the presence of glutathione and *N*-acetylcysteine. **D. Nematollahi**, H. Shayani-jam. *6th Annual Seminar of Electrochemistry of Iran, October 9-11, 2010, Kish International Convention Center. Iran.*

167. Electrochemical kinetic investigation of 5-ASA. E. Tammari, **D. Nematollahi**, R. Jalili. *6th Annual Seminar of Electrochemistry of Iran, October 9-11, 2010, Kish International Convention Center. Iran.*

168. Electrochemical oxidation of catechols in the presence of benzoylnitromethane. **D. Nematollahi**, F. Gomar. *6th Annual Seminar of Electrochemistry of Iran, October 9-11, 2010, Kish International Convention Center. Iran.*

169. A facile electrochemical method for the synthesis of quinine imine dye. A. Maleki, **D. Nematollahi.** A. Zeinodini-Meimand. *6th Annual Seminar of Electrochemistry of Iran, October 9-11, 2010, Kish International Convention Center. Iran.*

170. A novel approach for electrochemical oxidation of 3,5-di-*tert*-butylcatechol. **D. Nematollahi,** E. Mehdipour, A. Zeinodini-Meimand, A. Maleki. *6th Annual Seminar of Electrochemistry of Iran, October 9-11, 2010, Kish International Convention Center. Iran.*

171. The inhibitory effect of turmeric on steel and stainless steel corrosion in NaCl solution. **D. Nematollahi**, M. Saeedian salaf, E. Tammari, H. Shayani-Jam. *6th Annual Seminar of Electrochemistry of Iran, October 9-11, 2010, Kish International Convention Center. Iran.*

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172. Electrochemical synthesis of the symmetric and highly conjugated new substituted indoles. A. Amani, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

173. Electrochemical oxidation of 2,3-Dihydroxy-pyridine in aqueous solution. Kinetic and mechanistic studies of oxidative ring cleavage. F. Varmaghani, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

174. Synthesis and characterization of a new *para*-benzoquinhydron derivative. P. Mirahmadpour, S. S. Hossainy. Davarani, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

175. Electrochemical study of nitrocatechol–boric acid complexes, introducing CEC mechanism. M. Rafiee, **D. Nematollahi**, H. Salehzadeh. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

176. Electrochemical oxidation of 1,4-dihydroxyantraquinon in the presence of triphenylphosphine. P. Kashani, A. (Arman) Taherpour, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

177. Electrochemical oxidation beta-diketones and betaketoesters in aqueous solutions. S. Rezapasand, B. Dadpou, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

178. The inhibitory effect of rubia tinctorum on copper corrosion in NaCl solution. **D.Nematollahi,** E.Tammari, H.Shayani-Jam, M.Saeedian Salaf. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

179. Electro-organic synthesis of a zwitterionic structure from reaction of 4-hydroxycoumarin and pyridine with *p*-benzoquinone. **D. Nematollahi**, B. Dadpou. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

180. Electrochemical behavior of anthrarobin. H. Hesari, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

181. Electrochemical sulfonylation of hematoxylin. H. Beiginejad, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

182. Electrochemical synthesis and study of Fe(II) catechol complexes. **D. Nematollahi**, M. Alimoradi, A. Afzali. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

183. Electrochemical oxidation of 4-(piperazin-1-yl)phenol in the presence of arylsulfinic acids. Synthesis of the new substituted piperazines. S. Khazalpour, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

184. Electrochemical study of resazurin at a glassy carban electrode. S. Khazalpour, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

185. Electrochemical oxidation of 1,4-dihydroxyantraquinone in the presence of acetylacetone: Application to electroorganic synthesis of a new organic compound. B. Moradi, F. Varmaghani, **D. Nematollahi.** *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

186. Electrochemical oxidation of DITHBD in presence of dimedone. M. Mazloum-Ardakani, A. R. Khoshroo, **D. Nematollahi**, A. Benvidi, B.B.F. Mirjalili. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

187. Electrochemical oxidation of DITHBD in presence of acetylacetone. M. Mazloum-Ardakani, A. R. Khoshroo, **D. Nematollahi**, A. Benvidi, B.B.F. Mirjalili. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

188. Electrochemical oxidation of *N,N,N',*N'-tetramethyl-p-phenylenediamine in the presence of arylsulfinic acids. S. Hosseinzadeh, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

189. Electrochemical synthesis of copper(II) *o*aminophenol complex. F. Gomar, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

190. Electrochemical oxidation of 4-morpholinoaniline in aqueous solutions: kinetic evaluation dimerization process. R. Esmaili, **D. Nematollahi**. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

191. Electrochemical oxidation of 5-ASA in the presence of 4,6-dimethyl-2-mercaptopyrimidine. E. Tammari, **D. Nematollahi**, R. Jalili. *9th Iranian Biennial Electrochemistry Conference (9IBEC). 22–24 January 2011. Yazd University. Yazd, Iran.*

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10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.

192. Electrochemical Oxidation of Acetaminophen and 4-(Piperazin-1-yl)phenols in the Presence of 4-Hydroxy-1-methyl-2(1H)-quinolone. A. Amani, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

193. A kinetic and Mechanistic Study of the Electrochemical Oxidation 4-(Piperazin-1-yl)phenols in [$BMIm^+$][$BF4^-$] and [$BMIm^+$][$PF6^-$] Room Temperature Ionic Liquids at the Surface of Glassy Carbon Electrode. A. Amania, **D. Nematollahi**, E. Tammari. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

194. Mechanistic studies of electrochemical oxidation of *N,N*-dimethyl-pphenylenediamine at various pHs in aqueous solutions. A. Maleki, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

195. Electrochemical oxidation of N,N-dimethyl-p-phenylenediamine for the synthesis of a new trimer. A. Maleki, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

196. Kinetic evaluation of drug-drug interaction of acetaminophen and some of the Antidepressant Drugs (SSRIs) by the electrochemical methods. B. Feizi, A. Amani, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

197. Electrochemical Catalytic Determination of Homocysteine Using 3,5-Di-*tert*-Butylcatechol on Glassy Carbon Electrode Modified Multiwall Carbon Nanotubes. B. Mokhtari, H. Salehzadeh, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

198. Fabrication and electrochemical study the properties of silver nanowires array in a porous anodic alumina template. **D. Nematollahi**, B. Khanebeygi. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

199. Electrochemical Synthesis of New Organic Compounds Base on the Oxidation of 1,4-Dihydroxybenzene Derivatives in the Presence of Primary and Secondary Amines. H. Hesari, H. Salehzadeh, M. Hesari, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

200. Electrochemical Oxidation of Hematoxylin in Aqueous Solutions. H. Beiginejad, **D. Nematollahi**, M. Noroozi, S. Lotfei. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

201. Electrochemical Oxidation of 2,5-Diethoxy-4-morpholinoaniline in Aqueous Acidic Solutions. H. Beiginejad, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

202. An efficient, one-pot and green electrochemical method for the synthesis of benzoxazoles by electrogeneration of 3,5-Di-tert-butyl-1,2-benenzoquinone in the presence of benzyl amine derivatives. H. Salehzadeh, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

203. Coupling of *CEC* and *EC'* Mechanisms: Introducing *CECC'* Mechanism By Electrochemical Oxidation of 4-Methylesculetin-Boric Acid complex in the Presence of Glutathione. H. Salehzadeh, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

204. Electrochemical oxidation of 1,2-dihydropyridazine-3,6-dione in the presence of arylsulfinic acids. An efficient method for the synthesis of new organosulfone derivatives. M. Saremi, F. Varmaghani and **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

205. Catalytic Determination of Cysteine by 4,4'-Biphenol as a Mediator in Synthetic and Real Samples. M. Takarlia, H. Salezadehb, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

206. Electrochemical catalytic determination of cysteine with a 1,4-dihydroxyanthraquinone as a redox mediator in carbon paste electrode. M. zahiri, H. Salezadeh, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

207. Kinetic Study of the Oxidation of 4-Morpholinoaniline and *N,N*-Dialkyl-pphenylenediamines in the Presence of Barbituric Acids Derivatives by Digital Simulation of Cyclic Voltammograms. R. Esmaili, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

208. Reaction of Electrogenerated o-Quinones with Benzylamine Derivatives. S. Kaihani, H. Salehzadeh, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

209. Electrochemical Oxidation of Hydroquinone in the Presence of Arylsulfinic Acids. S. Khazalpour, Sh. Momeni, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

210. Electrochemical Synthesis of the New Substituted Acetaminophen. Sh. Momeni, S. Khazalpour, **D. Nematollahi**. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

211. Mechanistic study of electrochemical oxidation of *N*,*N*-dialkyl-pphenylenediamines. Synthesis of new dimmers of N,N-dialkyl-pphenylenediamines. **D. Nematollahi**, Z. Zohdi Jamil. *10th Iranian Biennial Electrochemistry Conference (10IBEC), 17-19 July 2012. Razi University. Kermanshah, Iran.*

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19th Iranian Seminar of Analytical Chemistry, 26 – 28 February 2013, Ferdowsi University, Mashhad, IRAN.

212. Efficient factors on the reaction rate and site-selectivity of the sulfonylation of catechol derivatives and hydroquinone: Experimental and theoretical studies. H. Beiginejad, **D. Nematollahi**, F. Varmaghani, M. Bayat. *19th Iranian Seminar of Analytical Chemistry, 26 – 28 February 2013, Ferdowsi University, Mashhad, IRAN.*

213. Electrochemically Derived Redox Molecular Architecture by reduction of diazonium salt in aqueous solutions. H. Salehzadeh and **D. Nematollahi**. *19th Iranian Seminar of Analytical Chemistry, 26 – 28 February 2013, Ferdowsi University, Mashhad, IRAN.*

214. Electrochemical study of some of dihydroxy benzoic acids in aqueous solutions. H. Beiginejad, **D. Nematollahi**. *19th Iranian Seminar of Analytical Chemistry, 26 – 28 February 2013, Ferdowsi University, Mashhad, IRAN.*

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4th International Conference on Nanostructures (ICNS4) 12-14 March, 2012, Kish Island, I.R. Iran.

215. Preparation of Silver Nanoparticles on Stainless Steel Surface by a Double-Pulse Method. S. Hosseinzadeh, D. Nematollahi, B. Jaleh. *4th International Conference on Nanostructures (ICNS4) 12-14 March, 2012, Kish Island, I.R. Iran.*

216. Experimental and Theoretical Study of Free Energies and Kinetical Parameters in the Photo Electron Transfer Process of Nano Supramolecular Complexes of Sulfacetamide, Sulfathiazole, Sulfabenzamide and Sulfadiazine with Fullerenes. A. (Arman) Taherpour, **D. Nematollahi**, B. Hormozi and A. Amani. . *4th International Conference on Nanostructures (ICNS4) 12-14 March, 2012, Kish Island, I.R. Iran.*

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217. A facile and one-pot electrochemical method for the synthesis of new benzofuran derivatives. D. Habibi, **D. Nematollahi**, N. Pakravan. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

218. An electrochemical approach for grafting functional groups onto mesoporous silica. P. Mirahmadpour, S.S. Hosseiny Davarani, **D. Nematollahi**. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

219. Development of an electrochemical method for the determination of antioxidant activity. H. Shayani-jam, **D. Nematollahi**. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

220. Electrochemical oxidation of 4-(Piperazin-1-yl)phenols in aqueous and organic solvents, A. Amani, **D. Nematollahi**, S. Khazalpour. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

221. Electrochemical Oxidation of *N,N,N',N'*-tetrmethyl-1,4-phenylendiamine in Non-aqueous Solvents; Evaluation and Interpretation of Redox Potentials. B. Dadpou, **D. Nematollahi**. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

222. Electrochemical Oxidation of *N,N*-Diphenyl-1,4-Phenylenediamine in the presence of some thiols as the nucleophiles. S. Mahdinia, H. Salehzadeh, **D. Nematollahi**. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

223. Electrochemical Oxidation of Urazole Derivatives in the Presence of 1,2-Dimethyl-1Hindol. R. Mohamadnazari, F. Varmaghani, **D. Nematollahi**. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

224. Electrochemical Study of catechols in the presence of 4,6-Dimethyl-2-mercaptopyrimidine. A. Dahpahlevan, S. Khazalpour, **D. Nematollahi**. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

225. Electrochemical study of Haemalum in presence of Phosphate and EDTA. R. Mohamadnazari, S. Khazalpour, **D. Nematollahi**. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

226. Electrochemical study of the adsorption of 4, 4' biphenol onto a glassy carbon electrode. H. Shayani-jam, **D. Nematollahi**. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

227. Electrochemically oxidation of Captopril Using 4,4'-Biphenol as a Homogeneous Mediator. A. Niazi, Z. Pourghobadi, **D. Nematollahi**, H. Beiginejad. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

228. ELECTROCHEMISTRY FOR GREEN ORGANIC SYNTHESIS. D. Nematollahi. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

229. Electrochmical oxidation of *N,N*-dialkyl-p-phenylenediamines in the presence of the coumarins. A. Dahpahlevan, S. Khazalpour, **D. Nematollahi**. *20th Iranian Conference on Analytical Chemistry, 4-6 March, 2013, Isfahan University of Technology, Isfahan, IRAN.*

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16th National Conference on Environmental Health - Tabriz, 1-3 Oct 2013, Tabriz University of Medical Sciences.

۲۳۰. تصفیه لجن فعال مازد با روش الکتروفنتون توسط ترکیبات حد واسط دوگانه رادیکال هیدروکسیل و کلرین فعال علیرضا رحمانی ، داود نعمت الهی، قاسم آذریان ، زهره بریزی.

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M. Baniardalan, S. Khazalpour. *10th Annual Electrochemistry Seminar of Iran, 26-27 Nov, 2014, University of Science and Technology, IRAN.*

232. Electrochemical oxidation of catechols in the presence of the cycloheptylamine and cyclopropylamine. **D. Nematollahi,** F. Gasemi, S. Khazalpour. *10th Annual Electrochemistry Seminar of Iran, 26-27 Nov, 2014, University of Science and Technology, IRAN.*

233. Electrochemical Oxidation of 2,2'-Biphenol In The Presence of Arilsulfinic Acids. **D. Nematollahi,** F. Puladi, S. Khazalpour. *10th Annual Electrochemistry Seminar of Iran, 26-27 Nov, 2014, University of Science and Technology, IRAN.*

234. Electrochemical study of 4-methyl aminophenol in the presence of arylsulfinic acids: Synthesis of ۴new sulfone derivatives of 4-methylaminophenol. **D. Nematollahi,** M. Ranjbar, S. Khazalpour. *10th Annual Electrochemistry Seminar of Iran, 26-27 Nov, 2014, University of Science and Technology, IRAN.*

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235. Voltammetric sensor for glutathione determination based on electrochemical oxidation of 4,4' biphenol as a mediator a glassy onto carbon electrode. H Shayani-jam, **D. Nematollahi.** *11th Iranian Biennial Electrochemistry Seminar, September 9-11, 2014 University of Guilan, Rasht- IRAN.*

236. Electrochemical Synthesis of New Benzothiazole-benzene-1,2-diolderivatives. P. Mirahmadpour, **D. Nematollahi,** S.S. Hosseiny Davarani. *11th Iranian Biennial Electrochemistry Seminar, September 9-11, 2014 University of Guilan, Rasht- IRAN.*

237. Optimizationofoperating parameters forazo dye removal from wastewater by monopolar Electro-coagulation. G. Azarian, **D. Nematollahi,** A. R. Rahmani, K. Godini, M. Bazdar, H. Zolghadrnasab. *11th Iranian Biennial Electrochemistry Seminar, September 9-11, 2014 University of Guilan, Rasht- IRAN.*

238. Continuous electrochemicaloxidationofazo dye C.I. Acid Red18 by using Pb/PbO2 electrodes: optimization of operating parameters andvoltammetry study. G. Azarian, **D. Nematollahi**, A. R. Rahmani, K. Godini, S. Maleki. *11th Iranian Biennial Electrochemistry Seminar, September 9-11, 2014 University of Guilan, Rasht- IRAN.*

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23rd Iranian Seminar of Organic Chemistry. University of Kurdistan, Sanandaj, September 8-10, 2015 University of Kurdistan.

239. Electrochemical reduction of 2-naphthol orange in the presence of arylsulfinic acidsand synthesis of new derivatives of 1-amino-2-naphthol. Sh. Momeni, **D. Nematollahi.** *23rd Iranian Seminar of Organic Chemistry. University of Kurdistan, Sanandaj, September 8-10, 2015 University of Kurdistan.*

240. Electrochemical oxidation of 4-aminoacetanilide in aqueous solutions: synthesis of 4,4'-bis(acetamido) azobenzene. M. Jamshidi, **D. Nematollahi.** *23rd Iranian Seminar of Organic Chemistry. University of Kurdistan, Sanandaj, September 8-10, 2015 University of Kurdistan.*

241. Electrochemical synthesis of 4-nitrocatechol in aqueous solution, A Green and Safe Galvanostatic Method. E. Salahifar, **D. Nematollahi.** *23rd Iranian Seminar of Organic Chemistry. University of Kurdistan, Sanandaj, September 8-10, 2015 University of Kurdistan.*

242. Electrochemical Oxidation of 1-(4-(4-hydroxyphenyl)piperazin-1-yl)ethanone in the Presence of Barbituric Acids Derivatives. A. Amani, **D. Nematollahi.** *23rd Iranian Seminar of Organic Chemistry. University of Kurdistan, Sanandaj, September 8-10, 2015 University of Kurdistan.*

243. A facile and one pot electrochemical method for the synthesis of bispiperazine-hydroquinone. A. Amani, **D. Nematollahi,** S. Khazalpour. *23rd Iranian Seminar of Organic Chemistry. University of Kurdistan, Sanandaj, September 8-10, 2015 University of Kurdistan.*

244. Electrochmical oxidation of N, N`-diphenylbenzene-1, 4-diamine in the presence of some Michael donors. M. Sharafi, **D. Nematollahi,** F. Nikpour. *23rd Iranian Seminar of Organic Chemistry. University of Kurdistan, Sanandaj, September 8-10, 2015 University of Kurdistan.*

245. Electrochemical synthesis of N-phenyl-4-(arylsulfonyl) benzene-1, 2-diamine derivatives. M. Sharafi, **D. Nematollahi,** F. Nikpour. *23rd Iranian Seminar of Organic Chemistry. University of Kurdistan, Sanandaj, September 8-10, 2015 University of Kurdistan.*

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246. Electrochemical synthesized of nano scale mixed-ligand Zn-organic framework. S. Khazalpour, V. Safarifard, A. Morsali, **D. Nematollahi.** *Asia Nano Forum Congress (ANFC2015), 8-11 March 2015, Kish Island, Iran.*

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247. Electrochemical Removal of p-Xylenolblue from Aqueous Solutions Using Taguchi Experimental Design. A.Pirzad, **D. Nematollahi.** *7th Seminar of Chemistry and Environment, 26-27 August, 2015, Baqiyatallah University of Medical Science, Tehran, Iran.*

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16th Iranian Inorganic Chemistry Conference, 27-29 August 2014, Bu-Ali Sina University, Hamedan, Iran.

248. Electrochemical Induced Michael Addition Reaction for the Modification of silver Nanoparticles. H. Salehzadeh, **D. Nematollahi.** *16th Iranian Inorganic Chemistry Conference, 27-29 August 2014, Bu-Ali Sina University, Hamedan, Iran.*

249. Simultaneous electrochemical determination of fenitrothin and bifenoxon modified glassy carbon electrode with multiwall carbon nanotube. M. Ebrahimi, **D. Nematollahi**, H. Salehzadeh. *16th Iranian Inorganic Chemistry Conference, 27-29 August 2014, Bu-Ali Sina University, Hamedan, Iran.*

پایان نامه های سرپرستی شده

ردیف	عنوان پایان نامه	عنوان دوره تحصیلی				محل انجام	ا استاد * راهنما
		کارشناسی ارشد	دکترا	شروع	پایان		
۱	الکتروسنتز مشتقات یددار و برم دار دی بنزوئیل متان و دایمدون واندازه گیری کاتالیتیک استیل استون و ۴-هیدروکسی کومارین	✓ خانم اکابری		۱۳۷۷	۱۳۷۹	دانشگاه بوعلی سینا	نعمت الهی
۲	بررسی رفتار الکتروشیمیایی کتکول ها در حضور باربیتوریک اسید و برخی مشتقات آن به منظور سنتز مشتقات جدیدی از اسپیرو و دی اسپیروپیریمسدین	✓ آقای گودرزی		۱۳۷۸	۱۳۷۹ اسفند ماه	دانشگاه بوعلی سینا	نعمت الهی
۳	بررسی رفتار الکتروشیمیایی کتکول ها در حضور بنزن سولفینیک اسید و تولوئن سولفینیک اسید به منظور سنتز مشتقات جدید سولفون	✓ آقای راهچمنی		۱۳۷۸	۱۳۸۰ مهر ماه	دانشگاه بوعلی سینا	نعمت الهی
۴	تهیه ۱و۴ نفتوکینون از آلفانفتول به روش الکتروشیمیایی با استفاده از الکترود PbO_2	✓ آقای اسم حسینی		۱۳۷۸	۱۳۸۰	دانشگاه آزاد اراک	نعمت الهی و نوری شرق
۵	۱- بررسی رفتار الکتروشیمیایی کتکول و برخی مشتقات آن در حضور ۴-هیدروکسی-۶-متیل-۲-پایرون. ۲- بررسی رفتار الکتروشیمیایی یداید در حضور تولوئن سولفینیک اسید	✓ خانم فروغی		۱۳۷۹	۱۳۸۰ اسفند ماه	دانشگاه بوعلی سینا	نعمت الهی
۶	مطالعه رفتار الکتروشیمیایی کوئرستین و مشتقات دی هیدروکسی بنزوییک اسید در حضور بنزن سولفینیک اسید و ۴-تولوئن سولفینیک اسید	✓ خانم ملک زاده		۱۳۸۰	۱۳۸۲ مهر ماه	دانشگاه بوعلی سینا	نعمت الهی
۷	۱-یک الکترود ساده اصلاح شده برای اندازه گیری تیواوره.۲- اکسیداسیون الکتروشیمیایی کتکولها در حضور بتادی کتونها-کاربرد در سنتز	✓ آقای رفیعی		۱۳۸۱	۱۳۸۲	دانشگاه بوعلی سینا	نعمت الهی

	الکتروشیمیایی ترکیبات آلی				شهریور ماه		
۸	مطالعه رفتار الکتروشیمیایی کتکول ها در حضور ۱و۳-اینندن دی اون و سنتز الکتروشیمیایی مشتقات جدید کتکول	✓ خانم شکر لب		۱۳۸۱	۱۳۸۳ مهر ماه	دانشگاه کاشان	مظلوم نعمت الهی
۹	اکسیداسیون الکتروشیمیایی مشتقات کتکول در حضور دی بنزیل آمین	✓ آقای حصاری		۱۳۸۲	۱۳۸۳ آبان ماه	دانشگاه بوعلی سینا	نعمت الهی
۱۰	بهینه سازی سنتز الکترواکسیداسیون کلسیم گلوکونات	✓ آقای دهبانی		۱۳۸۲	۱۳۸۳	دانشگاه آزاد اراک	نعمت الهی
۱۱	بررسی سینتیکی واکنش ارتوبنزوکینون حاصل از اکسایش کتکول با دی اتیل آمین.....	✓ آقای کاظمی		۱۳۷۹	۱۳۸۱	دانشگاه آزاد اراک	نعمت الهی شریقی
۱۲	اکسیداسیون الکتروشیمیایی مشتقات کتکول در حضور مشتقات ملدرام‌اسید و تشکیل کمپلکس کینهیدرون	✓ آقای شایان جم		۱۳۸۲	۱۳۸۵	دانشگاه بوعلی سینا	نعمت الهی
۱۳	مطالعه رفتار الکتروشیمیایی کتکول ها در حضوریون آزید و سنتز الکتروشیمیایی مشتقات جدید ارتوبنزوکینون	✓ خانم شریعت منش		۱۳۸۲	۱۳۸۴	دانشگاه بوعلی سینا	نعمت الهی
۱۴	مطالعه رفتار الکتروشیمیایی کتکول ها در حضور یون نیتریت و ...	✓ خانم آریاپاد		۱۳۸۲	۱۳۸۴	دانشگاه بوعلی سینا	نعمت الهی
۱۵	**Electrochemical investigation, determination of chemical rate constant and electrosynthesis of new organic products based on Michael addition and Diels-Alder cycloaddition reactions**		✓ آقای تماری	۱۳۸۰	۱۳۸۵	دانشگاه بوعلی سینا	نعمت الهی
۱۶	بررسی رفتار الکتروشیمیایی کتکول ها در حضور نوکلئوفیل هایی همچون آنیون سیانید و برخی بتادی کتون ها نظیر ۲-استیل سیکلوپنتانون و ۲-استیل سیکلوهگزانون		✓ آقای علیمرادی	۱۳۷۹	۱۳۸۴	دانشگاه آزاد واحد علوم و تحقیقات	نعمت الهی واقف حسین
۱۷	اکسیداسیون الکتروشیمیایی کتکول ها در حضور تیواوره و بهینه سازی شرایط الکترولیز	✓ آقای دولتی		۱۳۸۲	۱۳۸۵	دانشگاه آزاد اراک	نعمت الهی
۱۸	بررسی رفتار الکتروشیمیایی لیگند **SPDNF**	✓ آقای		۱۳۸۲	۱۳۸۵	دانشگاه ایلام	نعمت الهی عباسی

	به تنهایی و در حضور Pb^{++} در سطح الکترود قطره جیوه	الهیاری					
۱۹	بررسی رفتار الکتروشیمیایی استامینوفن در حضور برخی نوکلئوفیل ها		✓ آقای هادی شعفیی	۱۳۸۲	۱۳۸۶	دانشگاه آزاد واحد علوم و تحقیقات	نعمت الهی غلامی
۲۰	اکسیداسیون الکتروشیمیایی کتکول و مشتقات آن در حضور ایندول	✓ خانم دهدشتیان		۱۳۸۳	۱۳۸۶ اردیبهشت ماه	دانشگاه بوعلی سینا	نعمت الهی
۲۱	سنتز الکتروشیمیایی ۴و۵-دی آمینوارتوبنزوکینون در شرایط گالوانواستاتیک و بررسی های کمی	✓ خانم شجاعی فرد		۱۳۸۳	۱۳۸۵	دانشگاه آزاد اراک	نعمت الهی
۲۲	اکسیداسیون الکتروشیمیایی برخی از مشتقات کتکول در حضور ۳-هیدروکسی-۱-هیدروژن فنالن-۱-اون	✓ خانم امانی		۱۳۸۳	۱۳۸۶	دانشگاه بوعلی سینا	نعمت الهی
۲۳	سنتز الکتروشیمیایی نمک برومات	✓ خانم صنیعی		۱۳۸۳	۱۳۸۵	دانشگاه آزاد اراک	نعمت الهی
۲۴	سولفون دار کردن الکتروشیمیایی ۴-ترشیو بوتیل کتکول و تعیین ثابت سرعت همگن سولفون دار کردن مشتقات کتکول الکتروسنتز زوجی مشتقات جدید کومستان و احیاء الکتروشیمیایی ۴-هیدروکسی-۳-نیتروکومارین	✓ خانم کرباسی		۱۳۸۳	۱۳۸۶ مهر ماه	دانشگاه بوعلی سینا	نعمت الهی
۲۵	سنتز الکتروشیمیایی ۳-استیل-۵و۶-دی هیدروکسی-۳-متیل بنزوفوران و ۳-استیل-۵-هیدروکسی-۳-متیل بنزوفوران در شرایط گالوانواستاتیک و بررسی های کمی	✓ آقای فلاحی		۱۳۸۳	۱۳۸۶ مرداد	دانشگاه آزاد اراک	نعمت الهی
۲۶	بررسی الکتروشیمیایی مشتقات کتکول در محیط‌های غیر بافری، بافر بوراکس و در حضور نوکلئوفیل‌های مختلف		✓ آقای رفیعی	۱۳۸۲	۱۳۸۶	دانشگاه بوعلی سینا	نعمت الهی
۲۷	اکسیداسیون الکتروشیمیایی مشتقات کتکول در حضور تری فنیل فسفین	✓ خانم اسماعیلی		۱۳۸۴	۱۳۸۶	دانشگاه بوعلی سینا	نعمت الهی
۲۸	مطالعه رفتار الکتروشیمیایی ۴-نیتروکتکول در حضورآریل سولفینیک اسید ها و الکتروسنتز	✓ خانم		۱۳۸۴	۱۳۸۶	دانشگاه بوعلی	نعمت الهی

	زوجی مشتقات ارگانوسولفون. مطالعه سینتیکی گسستن اکسایشی ۴-نیتروکتکول با استفاده از تکنیک شبیه سازی ولتاموگرام های چرخه ای	ورمقانی				سینا	
۲۹	روش سریع و آسان برای اندازه گیری اسپکتروفتومتری سورفکتانتهای کاتیونی با استفاده از کمپلکس های سه تایی آلومنیوم و بریلیوم-کرومازورول-سورفکتانت.	✓ خانم میترا حاجی هادی		۱۳۸۴	۱۳۸۷	دانشگاه بوعلی سینا	نعمت الهی افخمی
۳۰	سنتز الکترو شیمیایی کومستانهای فعال بیولوژیک جدید با استفاده از اکسیداسیون مشتقات کتکول		محسن سرگردان آرانی		1388	دانشگاه آزاد اراک	نعمت الهی عزیزیان
۳۱	اکسیداسیون الکتروشیمیایی مشتقات هیدروکینون و کتکول در حضور یون آزید	✓ آقای حسین خوش سفر		۱۳۸۵	۱۳۸۷	دانشگاه بوعلی سینا	نعمت الهی
۳۲	اکسیداسیون الکتروشیمیایی مشتقات هیدروکینون و کتکول در حضور ۱و۳-سیکلوپنتادین. اکسیداسیون الکتروشیمیایی ۲-آمینوبنزن تایول	✓ آقای عادل قربانی قاضی محله		۱۳۸۵	۱۳۸۷	دانشگاه بوعلی سینا	نعمت الهی
۳۳	اکسیداسیون الکتروشیمیایی مشتقات کتکول در حضور فنیل ملدرام اسید	✓ خانم مریم بم زاده		۱۳۸۵	۱۳۸۷	دانشگاه بوعلی سینا	نعمت الهی
۳۴	اکسیداسیون الکتروشیمیایی کتکول ها در حضور برخی از آزاکراون اتر ها	✓ لیلا محمدی بهزاد		۱۳۸۵	۱۳۸۷	دانشگاه بوعلی سینا	نعمت الهی
۳۵	مطالعه رفتار الکتروشیمیایی ۴-متیل سیولیتین. معرفی و بررسی مکانیسم CEC	✓حمید صالح زاده		۱۳۸۶	۱۳۸۹	دانشگاه بوعلی سینا	نعمت الهی
۳۶		✓آیلین منصوری				دانشگاه آزاد اراک	نعمت الهی
۳۷	بررسی رفتار الکتروشیمیایی کتکول و مشتقات کتکول در حضور ۱- متیل ایندول	✓وحید هدایت فر			۱۳۸۸	دانشگاه آزاد اراک	نعمت الهی
۳۸	بررسی رفتار الکتروشیمیایی کتکول و برخی از مشتقات آن در حضور پیریدین و مشتقات آن	✓بیتا دادپو			1388	دانشگاه آزاد اراک	نعمت الهی
۳۹	بررسی رفتار الکتروشیمیایی کتکول‌هادر حضور	✓رقیه				دانشگاه	نعمت الهی

	استیل سیستئین: مطالعات سینتیکی براساس شبیه‌سازی کامپیوتری و ولتامتری چرخه‌ای	پورقبادی				آزاد اراک	
۴۰		✓رضا فرهادی				دانشگاه آزاد اراک	نعمت الهی
۴۱		✓یاسر ناصری				دانشگاه آزاد اراک	نعمت الهی
۴۲	بررسی رفتار الکتروشیمیایی ۳،۵- دی‌ترشیو-بوتیل‌کتکول در حضور برخی از آمین‌های نوع اول	فرشته رسولی		۱۳۸۶	۱۳۸۹	پیام نور	نعمت الهی
۴۳	اکسیداسیون الکتروشیمیایی کتکول‌ها در حضور بنزوئیل استونیتری	✓علیرضا اطلسی پاک			۱۳۸۹ بهمن	دانشگاه بوعلی سینا	نعمت الهی
۴۴	مطالعه الکتروشیمیایی ۱و۴-دی هیدروکسی آنتراکینون در حضور نوکلئوفیل های مختلف	✓اعظم صیادی		۱۳۸۶	۱۳۸۹ بهمن	دانشگاه بوعلی سینا	نعمت الهی
۴۵	۱-سنتز شیمیایی و الکتروشیمیایی مشتقات سولفونامید .۲- سنتز الکتروشیمیایی مشتقات هیدروکسی استامید	اعظم زین الدینی			1390 تیر	دانشگاه لرستان	نعمت الهی مهدی پور
۴۶	سنتز الکتروشیمیایی کمپلکس مس با اورتو آمینوفنولها و بررسی رفتارالکتروشیمیایی کتکولهادر حضور بنزوییل نیترومتان	✓فاطمه گمار			۱۳۹۰	دانشگاه بوعلی سینا	نعمت الهی
۴۷	مطالعه الکتروشیمیایی ۴-(۱-پیپرازینو)فنول و رزازورین	صادق خزل پور			۱۳۹۰	دانشگاه بوعلی سینا	نعمت الهی
۴۸	مطالعه الکتروشیمیایی N,N,N',N'-تترامتیل-p-فنیل دی آمین و رسوب الکتروشیمیایی نانوذرات نقره بوسیله روش دوپالسی	صابر حسین زاده			۱۳۹۰	دانشگاه بوعلی سینا	نعمت الهی
۴۹	اکسیداسیون الکتروشیمیایی دی الکیل پارافنیلن دی آمین‌ها در حضور نوکلیوفیل‌های مختلف...		عباس ملکی		۱۳۹۰	دانشگاه بوعلی سینا	نعمت الهی
۵۰	اکسیداسیون الکتروشیمیایی استامینوفن و ۴-۴´دی‌هیدروکسی بی‌فنیل...		حسن شایانی جم		۱۳۹۰	دانشگاه بوعلی سینا	نعمت الهی
۵۱	بررسی و مطالعه1 و – 4 دی هیدروکسید آنتراکینون در حضور مشتقات مرکا پتان ها و β	بیان مرادی			۱۳۹۰	دانشگاه آزاد اراک	نعمت الهی

	دی کتون ها						
۵۲		مجتبی تکرلی				دانشگاه آزاد اراک	نعمت الهی
۵۳		افضلی				دانشگاه آزاد اراک	نعمت الهی
۵۴		خا نبیگی				دانشگاه آزاد اراک	نعمت الهی
۵۵	اکسیداسیون الکتروشیمیائی ۱- استیل-۴-(۴-هیدروکسی فنیل) پیپرازین در حضور نوکلئوفیل های مختلف و سنتز ترکیبات آلی جدید. بررسی واکنشهای استخلافی نوکلئوفیلی و الکتروپلیمریزاسیون در برخی از مایعات یونی.		آمنه امانی		۱۳۹۱	دانشگاه بوعلی سینا	نعمت الهی
۵۶	مطالعه خواص الکتروفیلی و نوکلئوفیلی ۴-مورفولینوآنیلین و سنتز ترکیبات آلی جدید با بکارگیری روشهای الکتروشیمیایی، و بررسی اثرات حلال بر سینتیک فرایند انتقال الکترون هتروژن ۴- مورفولینوآنیلین.		رویا اسماعیلی		۱۳۹۱	دانشگاه بوعلی سینا	نعمت الهی
۵۷	مطالعات سینتیکی و الکتروشیمیایی هیدروکسی پیریدین، هیدروکسی پیریدازین و مشتقات یورازول در غیاب و حضور برخی نوکلئوفیلها.		فهیمه ورمقانی		۱۳۹۱	دانشگاه بوعلی سینا	نعمت الهی
۵۸	مطالعه الکتروشیمیایی آنترارابین در حضور و عدم حضور نوکلئوفیل های مختلف، سنتز الکتروشیمیایی ترکیب‌های آلی جدید بر اساس اکسایش هیدروکینون در حضور مشتقات بنزیل آمین‌و سنتز الکتروشیمیایی نانو ذرات طلای محافظت شده با تایول	هومن حصاری			۱۳۹۱	دانشگاه بوعلی سینا	نعمت الهی
۵۹	اندازه‌گیری الکترشیمیایی چند تایول زیستی با استفاده از الکترود کربن شیشه‌ای و الکترود اصلاح شده به وسیله نانولوله‌های کربنی با دی-ترشیوبوتیل‌کتکول و ۴-متیل-۶،۷-دی-هیدروکسی‌کومارین به عنوان حدواسط الکتروشیمیایی	بنفشه مختاری			۱۳۹۱	پیام نور	نعمت الهی تماری
۶۰	اکسیداسیون الکتروشیمیایی دی‌الکیل‌پارافنیلن-دی‌آمین‌ها در حضور نوکلئوفیل‌های مختلف	زینب زهدی			۱۳۹۱	دانشگاه بوعلی سینا	نعمت الهی
۶۱	1- :اکسایش الکتروشیمیایی استامینوفن در	بهاره			شهریور	دانشگاه	نعمت الهی

	حضور برخی از داروهای ضدافسردگی، مواد طبیعی و نوکلئوفیلها و سنتز ترکیبات جدید ۲- اکسایش الکتروشیمیایی ۴- ترشیوبوتیلکتکول در حضور مشتقات آنیلین و سنتز ترکیبات جدید	فیضی برناجی			۱۳۹۲	پیام نور	
۶۲	مطالعه اکسایش الکتروشیمیایی ۲،۱- دی هیدروپیریدازین –۶،۳-دی اون در حضور آریل سولفینیک اسید ها و اندازه گیری کاتالیتیکی ۴- تولوئن سولفینیک اسید به وسیله ۲،۱- دی هیدروپیریدازین – ۳،۶- دی اون وسنتز الکتروشیمیایی نانو ذرات دی اکسید قلع	مینا صارمی			شهریور ۱۳۹۲	دانشگاه پیام نور	نعمت الهی
۶۳	مطالعه تئوری و تجربی اکسایش الکتروشیمیایی هما توکسیلین و۲و۵- د ی اتوکسی -4 مورفولینوآنیلین در حضور نوکلئوفیل های مختلف		هادی بیگی نژاد		۱۳۹۲	دانشگاه بوعلی سینا	نعمت الهی
۶۴	مطالعه الکتروشیمیایی دی آلکیل پارا فنیلن¬دی آمین¬ها، استامینوفن و هیدروکینون در حضور نوکلئوفیل¬های مختلف	شیما مومنی ازندریانی			شهریور ۱۳۹۲	دانشگاه بوعلی سینا	نعمت الهی
۶۵	مطالعه الکتروشیمیایی N,N-دی فنیل-۴-۴- فنیلن دی آمین در حضور نوکلیوفیل های مختلف	سجاد کیهانی			۱۳۹۲	دانشگاه بوعلی سینا	نعمت الهی
۶۶		سعیده مهدی نیا				دانشگاه بوعلی سینا	نعمت الهی
۶۷	مطالعه الکتروشیمیایی همالوم و یورازول¬ها درغیاب و حضور برخی از مشتقات ایندول	راضیه محمد نظری			۲۹ بهمن ۱۳۹۳	دانشگاه بوعلی سینا	نعمت الهی هاشمی
۶۸	مطالعه الکتروشیمیایی -N,N دی الکیل پارا فنیلن¬دی¬آمین در حضور مشتقات کومارین، و مطالعه الکتروشیمیایی کتکول¬ها در حضور ۴،۶-دی¬متیل-۲-مرکاپتوپیریمیدین	عهدیه ده ¬پهلوان			۲۹ دی ۱۳۹۳	دانشگاه بوعلی سینا	نعمت الهی هاشمی
۶۹	بررسی الکتروشیمیایی کتکول ها بر روی سطح الکترود کربن شیشه ای و در حضور نانو ذرات نقره با هدف سنتز ترکیبات جدید و اکسایش کاتالیزوری		حمید صالح زاده		۱۱ تیر ۱۳۹۳	دانشگاه بوعلی سینا	نعمت الهی
76	مطالعه الکتروشیمیایی پارا-زایلنول بلو و حذف آن از محیط های آبی	اعظم پیرزاد			۱۳مهر۱۳۹۴	دانشگاه بوعلی سینا	نعمت الهی

۷۷	مطالعه رفتار الکتروشیمیایی N,N-دی متیل پارانیتروزوانیلین و سنتز سولفونامید های جدید و سنتز الکتروشیمیایی چارچوب فلز-آلی دو لیگاندی نانومتخلخل DMOF-1-Zn		صادق خزل پور		۸ مهر ۱۳۹۴	دانشگاه بوعلی سینا	نعمت الهی
۷۸		فاطمه قاسمی			۱۳۹۴	دانشگاه بوعلی سینا	نعمت الهی
۷۹		مریم بنی اردلان			۱۳۹۴	دانشگاه بوعلی سینا	نعمت الهی

طرح های تحقیقاتی خاتمه یافته

ردیف	عنوان طرح تحقیقاتی	نوع طرح	تاریخ شروع	تاریخ پایان	محل انجام	اسامی همکاران به ترتیب اولویت (شامل نام متقاضی)	سمت در ارتباط با طرح تحقیقاتی
۱	سنتز الکتروشیمیایی مشتقات فنیل سولفونیل بنزن دی ال	طرح ملی	۱۳۷۷	۱۳۸۰ اسفند	دانشگاه بوعلی سینا	داود نعمت الهی	مجری
۲	سنتز الکتروشیمیایی مشتقات پیریمیدین	مصوب دانشگاه بوعلی سینا	۱۳۷۷	۱۳۸۱ مرداد	دانشگاه بوعلی سینا	داود نعمت الهی	مجری
۳	سنتز الکتروشیمیایی مشتقات جدید کومستان	طرح ملی	۱۳۸۰	۱۳۸۳ مهر	دانشگاه بوعلی سینا	داود نعمت الهی	مجری
۴	سنتز الکتروشیمیایی مشتقات جدید بنزوفوران	طرح ملی	۱۳۸۰	۱۳۸۴ مهر	دانشگاه بوعلی سینا	داود نعمت الهی	مجری
۵	تولید آزمایشگاهی کلسیم گلوکونات در گرید دارویی	طرح وزارت صنایع	۱۳۸۱	۱۳۸۶ مهر	دانشگاه بوعلی سینا	داود نعمت الهی	مجری
۶	سنتز ترکیبات آلی جدید براساس اکسیداسیون الکتروشیمیایی ۴-متیل کتکول در حضور بتا دی کتونها	مصوب دانشگاه بوعلی سینا	۱۳۸۴	۱۳۸۶	دانشگاه بوعلی سینا	داود نعمت الهی	مجری
7	سنتز الکتروشیمیائی مشتقات جدید فعال بیولوژیک کومستان ها به کمک اکسایش مشتقات کتکول در حضور ۴- مرکاپتوکومارین	صندوق حمایت از پژوهشگران کشور	۱۳۸۴	1387	دانشگاه بوعلی سینا	داود نعمت الهی	مجری
8	شناسایی ممانعت کننده های خوردگی مناسب برای استفاده در هیتر های گازی ایستگاه های تقلیل فشار و تعیین مقادیر بهینه مصرف آنها	شرکت گاز استان همدان		1391	دانشگاه بوعلی سینا	داود نعمت الهی	مجری
۹	بررسی کارایی روش الکترولیز جهت تثبیت لجن فعال حاصل از تصفیه خانه فاضلاب کشتارگاه	دانشگاه علوم پزشکی همدان	۹۰/۴/۲۸	خاتمه یافته	دانشگاه علوم پزشکی همدان	داود نعمت الهی	همکار
۱۰	بررسی کارایی روش الکتروفنتون جهت تثبیت لجن فعال فاضلاب	دانشگاه علوم پزشکی همدان	16/12/90	خاتمه یافته	دانشگاه علوم پزشکی همدان	داود نعمت الهی	همکار
۱۱	تعیین کارایی فرایند الکتروکواگولاسیون در حذف رنگ acid red 18 در محیط های آبی	دانشگاه علوم پزشکی همدان	13/4/91	خاتمه یافته	دانشگاه علوم پزشکی همدان	داود نعمت الهی	همکار