

Poster section C
Time: Thursday morning (09:20-10:20)

Poster number	authors	topic
1036	Shokooh Bahrami* , Abdollah Yari <i>Faculty of Chemistry, Lorestan University 68137-17133. Khorramabad-Iran</i>	Voltammetric determination of metformin in aqueous solution by Cu(OH) ₂ -Ag-MWCNTs nanocomposite modified electrode
1001	Elahe Dehnari^a , Davood Taherinia* <i>^a Chemistry Department, Sharif University of Technology, Tehran 11155-9516, Iran</i>	Investigation of Changing the Concentration Ratio of Non-Electroactive to Electroactive Species in Electron Transfer Kinetics SAMs
1052	Sarina Manani^a , M. Behpour ^a <i>^a Department of analytical chemistry, Faculty of chemistry, Kashan university, Kashan, Iran</i>	Green Synthesis of Carbon Nanocomposites Based on Sr/Fe Structures to evaluate the performance of Hydrogen Storage by Electrochemical Method
1077	Paria Khajavi^a , Negar Heidari ^a , Sharmin Kharazi ^b , Yusef Erfani ^c , Parviz Norouzi* ^a <i>^a Center of Excellence in Electrochemistry, Faculty of Chemistry, University of Tehran, Tehran, Iran</i> <i>^b Department of Medical Nanotechnology, School of Advanced Technologies in Medicine, Tehran University of Medical Sciences, Tehran, Iran.</i> <i>^c Department of Laboratory Sciences, School of Allied Medical Sciences, Tehran University of Medical Sciences, Tehran, Iran</i>	A Novel Label-Free electrochemical Aptasensor for Highly Sensitive Detection of Acinetobacter baumannii Using Fast Fourier Transform Square Wave Voltammetry
1120	Armin Sadeghinia^a , Davood Nematollahi ^{a,b*} <i>^a Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran</i> <i>^b Planet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.</i> *E-mail: a.sadeghinia@che.basu.ac.ir	Application of rapid techniques in the study of electrochemical mechanisms
1112	Ghasem Abollahi^a , Mohammad Hosein Mashhadizadeh Ardakani ^{b*} <i>^a Department of Chemistry Faculty of Kharazmi University, Tehran, Iran</i> <i>^b Department of Chemistry, Faculty of Kharazmi, University, Tehran, Iran</i>	Designing a non-enzymatic photoelectrochemical sensor for glucose by using Fe-doped NiS ₂
1121	Faezeh Farrokhghate^a , Homa Ahmadi ^a , Sana Khosrozadeh Sarijalo ^a , Mohammad Kazemzadeh ^a , Pouya Abedi ^a , Khalil Farhadi ^{a*} <i>^a Department of Analytical Chemistry, Faculty of Chemistry, Urmia University, Urmia, Iran</i>	Development and Characterization of a Novel Fluoride Ion Selective Electrode Utilizing Leonardite as a Functional Matrix
1124	Mir Hasan Seyyedi^a , Vali Alimirzaloo ^{a*} , Hurieh Mohammadzadeh ^b , Robabeh Jafari ^b	Enhanced Corrosion Resistance of Mg AM60 Alloy via Modified CECAP Process for Biomedical Applications

	<p>^a<i>Department of mechanical engineering Faculty of Technology and Engineering, Urmia University, Iran</i></p> <p>^b<i>Department of material engineering, Faculty of Technology and Engineering, Urmia University, Iran</i></p>	
1125	<p><u>Mehrdad Abbasi Mahmoudabad^a, Ali Rasi Mahmoudi^a, Karim Asadpour Zeynali^{a*}</u></p> <p>^a<i>Department of Analytical Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran</i></p>	Design and fabrication of a polishable triple electrode made by graphite rode and silver wire and its application in the electrochemical determination of azathioprine by drop-casting on the three-electrode system surface
1126	<p><u>Salva Golparvar Nobari^{a*}, Karim Asadpour Zeynali^a</u></p> <p>^a<i>Department of Analytical Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran</i></p>	Synthesis, characterization, and application of NiMn ₂ O ₄ /CQD nanocomposite for electrochemical determination of chloramphenicol in pharmaceutical and clinical samples
1127	<p><u>Farzad Allahnouri^{ad}, Khalil Farhadi^{ab*}, Hamideh Imanzadeh^c, Elham Alambarkat^d, Masoud Allahnouri^e</u></p> <p>^a <i>Department of Analytical Chemistry, Faculty of Chemistry, Urmia University, Urmia, Iran</i></p> <p>^b <i>Institute of Nanotechnology, Urmia University, Urmia, 5756151818, Iran</i></p> <p>^c <i>Department of Plant Sciences and Medicinal Plants, Meshgin-shahr Faculty of Agriculture, University of Mohaghegh Ardabili, Ardabil, Iran</i></p> <p>^d <i>South pars Gas complex, asaluyeh, Iran</i></p> <p>^e <i>Faculty of Dentistry, Ilam University of Medical Sciences, Ilam, Iran</i></p>	A sensitive nonenzyme hydrogen peroxide sensor based on a chitosan/palladium nanoparticles@carbon quantum dots nanocomposite
1128	<p><u>Zahra Ejraei^a, Mahsa Kalhori^a, Kheibar Dashtian^{a*}, Rouholah Zare-Dorabei^a</u></p> <p>^a <i>Department of Chemistry, Iran University of Science and Technology, Tehran, Iran</i></p>	Molecularly Imprinted Polymer Supported CoS/MoS ₂ -Derived MOF for Electrochemical Detection of Cortisol Biomarker
1129	<p><u>Arezoo Esmaeili^a, Mahsa Kalhori^a, Kheibar Dashtian^{a*}, Rouholah Zare-Dorabei^a</u></p> <p>^a <i>Department of Chemistry, Iran University of Science and Technology, Tehran, Iran</i></p>	Dual-Metal-organic frameworks (Ce/V MOF) based nanozyme for electrochemical detection of L-Serine biomarker
1137	<p><u>Mojtaba Bagherzadeh[*]</u></p> <p><i>Reactor and Nuclear Safety Research School, Nuclear Science and Technology Research Institute, 81465-1589, Tehran, Iran.</i></p>	Electrochemical Corrosion Under Radioactive Irradiations
1138	<p><u>Farzaneh Hekmat^{a*}</u></p> <p>^a<i>Department of Chemistry, Faculty of Chemistry and Petroleum Science, Shahid Beheshti University (SBU), Tehran 1983969411, Iran</i></p>	High-performance Energy Storage Systems Constructed from Highly Porous Tri-metallic Metal-Organic Frameworks and Low-priced Biomassderived Carbons

1139	<p>Maryam Saeedi Rad^a, Mojtaba Bagherzadeh^{b*}, Abolfazl Semnani^a, Javad Mokhtari^b</p> <p>^aDepartment of Chemistry, Faculty of Science, University of Shahrekord, Shahrekord, Iran. ^bReactor and Nuclear Safety Research School, Nuclear Science and Technology Research Institute, 81465-1589, Tehran, Iran.</p>	Electrochemical Investigation of Zr-Nb 1% Alloy Corrosion Under Irradiation
1144	<p>Mina-Sadat Koshki^a, Sahra Khosrojerdi^a, Mehdi Baghayeri^{a*}, Sirous Salemi^{a*}, Mohammad Zirak^b</p> <p>^aDepartment of Chemistry, Faculty of Science, Hakim Sabzevari University, Sabzevar, Islamic Republic of Iran ^bDepartment of Physics, Faculty of Science, Hakim Sabzevari University, Sabzevar, Islamic Republic of Iran</p>	Molybdenum doped BiVO ₄ sensing platform for photoelectrochemical detection of uric acid
1145	<p>Farideh lotfipour^a, Davood Nematollahi^{a,b*}, Niloofar Mohamadighader^{a*}</p> <p>^aFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran ^bPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.</p>	Practical electrochemical anodic oxidation of isoniazid for late-stage functionalization
1146	<p>Farideh Lotfipour,^a Davood Nematollahi,^{a, b*}</p> <p>^aFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran ^bPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran</p>	Electrochemical late-stage modification of hydralazine. A green strategy for the synthesis of nano-structured new sulfonylhydrazine derivatives
1147	<p>Monireh Ganjali^{a*}, Mansoureh Ganjali^b, Sorya Borna Zonoozi^a, Amin Sohrabi^a</p> <p>^aDepartment of Nanotechnology and Advanced Materials, Materials and Energy Research Center (MERC), Thran, Iran ^bNour-Zoha materials Engineering Research group, Tehran, Iran</p>	Corrosion behavior of laser cladded graphene nanoplatelets reinforced hydroxyapatite composite coatings on Ti-6Al-4V
1148	<p>Leila Mohammadi^{a*}, Mohammadreza Vaezi^b</p> <p>^{a, b} Department of Nano Technology and Advanced Materials, Materials and Energy Research Center, Karaj, Iran.</p>	Survey of diverse variables on the micro-donning process of nanostructure coating nickel-graphene with direct current
1155	<p>Niloofar Nosratabadi^{a*}, Hadi Beitollahi^b, Fariba Garkani Nejad^b</p> <p>^aDepartment of Chemistry, Faculty of Chemistry and Chemical Engineering, Graduate University of Advanced Technology, Kerman, Iran ^bEnvironment Department, Institute of Science and High Technology and Environmental Sciences, Graduate University of Advanced Technology, Kerman, Iran</p>	Modification of carbon paste electrode to enhance electrochemical determination of 2,4,6-Trichlorophenol
1157	<p>Niloofar Nosratabadi^{a*}, Hadi Beitollahi^b, Fariba Garkani Nejad^b</p>	Voltammetric determination of 4-Nitrophenol based on glassy carbon electrode modified with

	<p>^a<i>Department of Chemistry, Faculty of Chemistry and Chemical Engineering, Graduate University of Advanced Technology, Kerman, Iran</i></p> <p>^b<i>Environment Department, Institute of Science and High Technology and Environmental Sciences, Graduate University of Advanced Technology, Kerman, Iran</i></p>	graphene oxide and Ni-MOF nanosheets
1158	<p>Parisa Rezvaninia^a, Ahmad Amiri^{a*}</p> <p>^a<i>Department of Chemistry, College of Science, University of Tehran, Tehran 14155-6455, Iran.</i></p>	Copper Tungstate Composite with MXene as Bifunctional Electro-catalysts for Water Splitting Reactions
1163	<p>Mohammad Shahsavani^a, Javad Tashkhourian^{a*}</p> <p>^a<i>Department of chemistry, Faculty of science, Shiraz university, Shiraz, Iran</i></p>	Construction & Design of Modified Carbon Paste Electrochemical Sensor Based on CeO ₂ -ZnO Nanocomposite for the Determination of Gallic Acid
1165	<p>Melika Nikseresht^a, Ahmad Amiri^{a*}</p> <p>^a<i>Department of chemistry Faculty of science, University of Tehran, Tehran, Iran</i></p>	Cyclic Voltammetry Study of the Interactions of Schiff base complex with DNA and HSA
1166	<p>Kowsar Zabihpour^a, Ahmad Amiri^{a*}</p> <p>^a<i>Department of chemistry Faculty of science, University of Tehran, Tehran, Country</i></p>	An electrochemical reduction of water catalyzed by a water-soluble catalyst, Cobalt (III) complex with a Schiff base ligand
1167	<p>Sudabeh Shokrollahi^a, Ahmad Amiri^{a*}</p> <p>^a<i>Department of chemistry Faculty of science, University of Tehran, Tehran, Iran</i></p>	Investigating the Binding Modes of a Schiff-Base Ligand to DNA: Insights from Electrochemical and Spectroscopic Techniques for Anticancer Applications
1168	<p>Samaneh Ghofrani, Ahmad Amiri^{a*}</p> <p>Department of Chemistry, College of Science, University of Tehran, Tehran 14155-6455, Iran</p>	Electrocatalytic Hydrogen Evolution by Cu(II) Schiff Base Complex
1169	<p>Seyed Farzad Hosseini^a, Parisa Rezvaninia^a, Ahmad Amiri^{a*}</p> <p>^a<i>Department of Chemistry, College of Science, University of Tehran, Tehran 14155-6455, Iran.</i></p>	Cobalt (III) Based Catalyst for Water Splitting Reactions
1056	<p>Haniya Rezaei^a, Davood Nematollahi^{a,b*} Farideh Lotfipour^a ¹ Niloofar Mohamadighader^{a*}</p> <p>^a<i>Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran</i> ^b<i>Planet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.</i></p>	Electrochemical late-stage modification of niclosamide, a common anthelmintic drug between humans and animals.
1132	<p>Soraya Ghayempour^{a*}, Zahra Zare Zardeini^a, Mohammad Mazloun-Ardakani^b</p> <p>^a<i>Department of Textile Engineering, Faculty of Engineering, Yazd University, Yazd, Iran</i> ^b<i>Department of Chemistry, Faculty of Science, Yazd University, Yazd, Iran</i></p>	A Flexible magnetic electrode based on electrochemical coating of cobalt and iron nanoparticles on the PVP.rGO/polyester fabric
1161	<p>Tahere Khatti^a, Mohammad Mazloun-Ardakani^{a*}, Zahra Alizadeh^a, Zahra Souria^a</p> <p>^a<i>Department of Chemistry, Faculty of Sciences, Yazd University, Yazd, Iran</i></p>	A Novel Composite of Mn, Co-LDH and Reduced Graphene Oxide for Application in Energy Storage Device

1046	Hamed Negahbanfard* , Hamid R. Zare , Hossain Khoshro <i>Department of Chemistry, Yazd University, Yazd, 89195-741, Iran</i>	Electrochemical reduction of CO ₂ at the surface of reduced graphene oxide/silver nanocomposite
1156	Mahshad Shafiee Sarvestani , Ali Benvidi* , Mansoure Alighiyan Baghkhandan <i>^aDepartment of Chemistry, Faculty of Chemistry, Yazd University, Yazd, Iran</i>	Determination of tryptophan using differential pulse voltammetry with screen printed electrode with graphite carbon nitride (g-C ₃ N ₄) and cerium oxide nanoparticles
1086	Soudabeh Dalirnasab , Ali Benvidi* <i>Department of Chemistry, Yazd University, Yazd, Iran, Fax: 03538210644; Tel: 035 31232645</i>	Investigating the effectiveness of a TiO ₂ -NTs/SnO ₂ -Sb ₂ O ₅ -NiO modified electrode in removing dispersed Red 73 dye from water solutions and textile industry wastewater
1087	Soudabeh Dalirnasab , Ali Benvidi* <i>Department of Chemistry, Yazd University, Yazd, Iran, Fax: 03538210644; Tel: 035 31232645</i>	Electrochemical ozone production using a TiH _x /Sb-SnO ₂ -Ni electrode and its effective application in breaking down dyes from textile wastewater
1085	Zahra Arabi¹ , Jahan Bakhsh Raooof^{1*} , Milad Ghani² <i>¹Electroanalytical Chemistry Research Laboratory, Department of Analytical Chemistry, Faculty of Chemistry, University of Mazandaran, Babolsar, Iran. ²Department of Analytical Chemistry, Faculty of Chemistry, University of Mazandaran, Babolsar, Iran.</i>	Combination of three-phase hollow fiber microextraction method and solid phase microextraction for extraction and electrochemical measurement of glucose
1106	Mir Ghasem Hosseini^a , Naser Abbaszadeh^{b*} <i>^aDepartment of Physical chemistry, Faculty of chemistry, Tabriz University, Tabriz, Iran ^bDepartment of Physical chemistry, Faculty of chemistry, Tabriz University, Tabriz, Iran</i>	Synthesis, characterization and Comparing the electrocatalytic performance of Ru-Ni MOF/NF and Ru-Co MOF/NF for glycine oxidation
1049	Muhammad Alaei^a , Davood Nematollahi^{a,b*} , Niloofar Mohamadighader^a , Mahsa Roshani^a , Mohammad Mehdi Hashemi-Mashouf^a <i>^aFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran ^bPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.</i>	Electrochemical study of pyrazinamide in water/ethanol mixture and recognizing the role of pH in its electrochemical reduction
1096	Zahra shams ghamisari^a , Hani sayahi^{a*} <i>^a Chemistry and Chemical Engineering Research Center of Iran, Tehran, Iran</i>	The performance of polydiphenylamine synthesized by an ultrasonication approach as a precursor in electrochemical supercapacitors