

Poster section B

Time: Wednesday afternoon (15:00-16:00)

Poster number	authors	topic
1064	<u>Samin Barat-Abtahi</u>^a, Fahimeh Varmaghani^a*, Babak Karimi^a* <i>^aDepartment of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, 45137-66731, Iran</i>	Comparison efficiency of different hybrids of cobalt phthalocyanine and ionic liquid derived ordered mesoporous carbons as catalyst for electrochemical reduction of carbon dioxide
1013	<u>Najva Sadri</u>^{a*}, Mohammad Mazloum-Ardakani^a <i>^aDepartment of Chemistry, Faculty of Science, Yazd University, Yazd, Islamic Republic of Iran</i>	Development of a Molecularly Imprinted Electrochemical Sensor for Sensitive and Selective Quantification and Monitoring of Imatinib Release
1019	<u>Fereshteh Mohseni-Sardari</u>^a, Mohammad Mazloum-Ardakani^{b*}, Hamideh Mohammadian-Sarcheshmeh^c, Zahra Alizadeh^d, Shiva Houshmand^e <i>^{a-e}Department of Chemistry, Faculty of Science, Yazd University, Yazd, Iran</i>	A flower-structured Nickel-based Metal–Organic Framework/MWCNTs nanocomposite-modified sensor for the sensitive electrochemical detection of glutamate
1015	<u>Hafezeh Morsalpour</u>^a, Hamid R. Zare^{a*}, Zahra Shekari^a, Maryam Mirbagheri-Firousabad^b <i>^aDepartment of Chemistry, Yazd University, Yazd, 89195–741, Iran</i> <i>^bDepartment of Biology, Yazd University, Yazd, 89195–741, Iran</i>	Development of an electrochemical aptasensor for sensitive and selective detection of staphylococcus aureus in various samples
1039	<u>Narges Mehrpour</u>, Hamid R. Zare, Mansour Namazian <i>Department of Chemistry, Yazd University, Yazd, 89195-741, Iran</i>	Investigation of the electrochemical behavior of dopamine in aqueous solution
1038	<u>Fatemeh Shirvani</u>, Hamid Reza Zare, Zahra Akhavan <i>Department of Chemistry, Yazd University, Yazd, 89195-741, Iran</i>	Investigating the corrosion behavior of copper metal with graphene oxide/zinc rich epoxy coating in 3.5% NaCl solution
1034	<u>Meysam Gharehdaghi</u>, Hamid R. Zare, Zahra Mohammadpour, Sara Dehghan-Chenar <i>Department of Chemistry, Yazd University, Yazd, 89195-741, Iran</i>	Electrochemical behavior of carbon quantum dots- based composite coatings on 316L stainless steel in chloride environments
1141	<u>Mansoura Alighiyan Bagh khandan</u>, Ali Benvidi*, Emadaddin Amin Sadrabadi <i>^aDepartment of Chemistry, Faculty of Chemistry, Yazd University, Yazd, Iran</i>	Fabrication of an electrochemical sensor using a screen printed electrode modified with molecularly imprinted polymers for the simultaneous measurement of two drugs, Siponimod and Teriflunomide.
1073	<u>Shokoufeh Rezvani nia</u>^a, Ali Benvidi^{a,*}, Hamid Reza Zare^a, Marzieh Dehghan Tezerjani^a <i>^aDepartment of Chemistry, Yazd University, Yazd, 89195–741, Iran</i>	Fabrication of PDA@Bio-MOF-11@Nano-Curcumin as a Smart and Green Coating to Prevent Mild Steel Corrosion

1074	Shokoufeh Rezvani nia^a, Ali Benvidi^{a,*} Hamid R .Zare^a, Marzieh Dehghan Tezerjani^a <i>^aDepartment of Chemistry, Yazd University, Yazd, 89195-741, Iran</i>	Fabrication of Chitosan/GON/Rosemary/Zn as a Green Coating to Protect Copper Metal from Corrosion
1113	Zahra Akbarzad Sangrizeh^a, Seyed Karim Hassaninejad-Darzi ^{a*}, Neda Zalpour^b <i>^a Department of Chemistry, Faculty of Basic Science, Babol Noshirvani University of Technology, Shariati Ave., P.O. Box: 484, Babol 47148-71167, Iran</i> <i>^b Department of Chemistry, Faculty of Sciences, Ilam University, Ilam P. O. BOX. 69315-516, Iran</i>	Determination of Deferiprone drug by nanoparticles modified glass carbon electrode
1029	Elnaz Riahipour, Masoud Rohani Moghadam*, Alireza Bazmandegan Shamili, Zahra Shekari, Masoud Rezaei Nasab <i>Department of Chemistry, Faculty of Science, University Vali-e-Asr, Rafsanjan, Iran</i>	Fabrication of electrochemical biosensors based on aptamer and doped magnetic nanoparticles on silica coated nanotubes for breast cancer detection
1030	Hasan karami, Masoud Rohani Moghadam*, Masoud Rezaeinasab, Samira Saeednia, Elnaz Riahipour <i>Department of Chemistry, Faculty of Science, University Vali-e-Asr, Rafsanjan, Iran</i>	Voltammetric determination of glucose at the surface of carbon paste electrode modified with nickel complex from tridentate Schiff base ligand and graphene oxide nanoparticles
1035	Mahshid Padash^{a,b}, Mehdi Mousavi^{a,*} , Abbas Ali Mohammadi^{a,b} <i>^aDepartment of Chemistry, Shahid Bahonar University of Kerman, Kerman, Iran</i> <i>^bYoung Researchers Society, Shahid Bahonar University of Kerman, Kerman, Iran</i>	A non-enzymatic electrochemical glucose sensor based on Co ₃ O ₄ /rGO nanocomposite and chitosan-based molecularly imprinted polymer
1075	Reza Karimi Shervedani*, Mohammad Reza Namazizade <i>Department of Chemistry, Faculty of Isfahan, Isfahan, 8174673441, Islamic Republic of Iran</i>	Construction of a NEW bimetallic Metal Organic FRAMEWORK: Preparation and Physicochemical Characterization by Surface Analysis Techniques and Electrochemical Methods
1078	Shima Ghasemi^a, Zahra Godini^b, Davood Nematollahi^{b,c*} <i>^a Department of Chemistry, Science and Research Branch, Islamic Azad University, Tehran, Iran</i> <i>^bFaculty of Chemistry and Petroleum Sciences, Bu- Ali Sina University, Hamedan, Iran</i> <i>^cPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran</i>	Green electrochemical complexation of cephalosporins with silver, copper, iron, nickel and zinc cations
1080	Sahar Shakiba ^a, Hadi Ebrahimifar ^{a*} , Mohammad Sefidbakht ^b, Saba Dehghan ^c <i>^a Department of Materials Engineering, Faculty of Mechanical and Materials Engineering, Graduate University of Advanced Technology, Kerman, Iran.</i> <i>^b Refinery and Foundries factory, Sarcheshmeh copper complex.</i>	Evaluation of electrical resistance activation energy of Ni-Co-Mn- CeO ₂ coated AISI 430 steel for SOFC application

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1081	Sahar Shakiba^a, Hadi Ebrahimifar^{a*}, Mohammad Sefidbakht^b, Saba Dehghan^c ^a Department of Materials Engineering, Faculty of Mechanical and Materials Engineering, Graduate University of Advanced Technology, Kerman, Iran. ^b Refinery and Foundries factory, Sarcheshmeh copper complex. ^c Department of Materials Engineering, Faculty of Engineering, Shahid Chamran University of Ahvaz, Ahvaz, Iran.	Activation energy of hot corrosion resistance of Ni-Co-Mn-CeO ₂ coated AISI 430 steel for SOFC application
1084	Zahra Godini^a, Davood Nematollahi^{*a,b} ^a Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran ^b Planet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran	Electrochemical oxidation and docking simulation of catechol in the presence of clobazam
1083	Haniyeh Mortaz^a, Khalil Farhadi^{a*}, Mohammad Kazemzadeh^a ^a Department of Analytical Chemistry, Faculty of Chemistry, Urmia University, Urmia, Iran	Studying the effect of zeolite on the performance of liquid and gel electrolytic lead-acid batteries
1082	Sahar Shakiba^a, Hadi Ebrahimifar^{a*}, Mohammad Sefidbakht^b, Saba Dehghan^c ^a Department of Materials Engineering, Faculty of Mechanical and Materials Engineering, Graduate University of Advanced Technology, Kerman, Iran. ^b Refinery and Foundries factory, Sarcheshmeh copper complex. ^c Department of Materials Engineering, Faculty of Engineering, Shahid Chamran University of Ahvaz, Ahvaz, Iran.	Investigation of chromia thickness during hot corrosion test for coated Ni-Co-Mn-CeO ₂ -AISI 430
1088	Elham Sharifi^a, Khalil Farhadi^{a*}, Mohammad Kazemzadeh^a ^a Department of Analytical Chemistry, Faculty of Chemistry, Urmia University, Urmia, Iran	Adulterations detection and evaluation of some qualitative characters of apple concentrate using electrochemical impedance spectroscopy (EIS)
1089	Hamideh Imanzadeh^a, Alireza Khataee^{a*}, Mandana Amiri^b ^a Research Laboratory of Advanced Water and Wastewater Treatment Processes, Department of Applied Chemistry, Faculty of Chemistry, University of Tabriz, 51666-16471 Tabriz, Iran ^b Department of Chemistry, University of Mohaghegh Ardabili, 56199-13131 Ardabil, Iran	Ternary FeNiS ₂ Nanocomposites Tip-Welded on Nickel Foam for Electrocatalytic Oxygen Evolution Reaction
1094	Mina-Sadat Koshki^a, Sahra Khosrojerdi^a, Mehdi Baghayeri^{a*}, Sirous Salemi^a, Mohammad Zirak^b Department of Chemistry, Faculty of Science, Hakim zezvari University, Sabzevar, Islamic Republic of Iran ^b Department of Physics, Faculty of Science, Hakim zezvari University, Sabzevar, Islamic Republic of Iran	Effect of bias voltage on the photo-activity of bismuth vanadate mesoporous layers

1095	<p>Saeedeh Shahparast^a, Karim Asadpour-Zeynali^{b*} ^a<i>Department of Analytical Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran</i> ^b<i>Department of Analytical Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran</i></p>	Development of a novel and highly sensitive electrochemical sensor based on FeCu-LDH@MXene nanocomposite for the selective determination of clonazepam
1048	<p>Mahsa Roshani,^a Davood Nematollahi^{a,b*} ^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>	Comprehensive study of the electrochemical redox system of paraquat in aqueous solutions
1097	<p>Neda Zalpour^a, Mahmoud Roushani^{b*}, Essra khamis abdollah^c ^{a,b,c}<i>Department of Chemistry, Faculty of Science, Ilam University, Ilam, Iran</i></p>	in situ co-electropolymerization of resorcinol/o-phenylene diamine on silver nanoparticle loaded multiwalled carbon nanotube for accurate detection of regorafenib
1101	<p>Nader Fathi,^a Davood Nematollahi^{a,b*} ^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>	New insights into the electrochemical behavior of sunset yellow azo dye in aqueous solutions
1100	<p>Sajad Shanesaz,^a Vahid Asgari,^b Davood Nematollahi,^{a,c*} Yaser Saebi,^d Armin Sadeghinia,^a ^a<i>Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran</i> ^b<i>Faculty of Engineering, Bu-Ali Sina University, Hamedan, Iran</i> ^c<i>Planet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.</i> ^d<i>School of Chemistry, College of Science, University of Tehran, Tehran, Iran</i></p>	A green and facile electrochemical synthesis of 2-amino-6-hydroxybenzothiazole. A flow cell with a new design to improve the yield and purity
1102	<p>Sajad Shanesaz,^a Davood Nematollahi,^{a,b*} ^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>	Last-stage modification of olanzapine through its electrochemical oxidation in the presence of arylsulfonic acid derivatives
1103	<p>Ali Rasi Mahmoudi^a, Mehrdad Abbasi Mahmoudabad^a, Karim Asadpour-Zeynali^{a*} ^a<i>Department of Analytical Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran</i></p>	Electrochemical determination of copper ions in waste water using a lab-made triple graphite electrode based on polishable triple electrode
1105	<p>Mahya Miri^a, Davood Nematollahi^{a,b*}, Nilofar mohamadighader^a ^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 synthesis of new linezolid derivatives through the electrochemical oxidation of linezolid in the presence of arylsulfonic acids

1107	<p>Seyedeh. Fatemeh. Nami-Ana^a, J. Tashkhourian^{*a}, M. Shamsipur^b ^a<i>Department of Chemistry, College of Sciences, Shiraz University, Shiraz 71456, Iran</i> ^b<i>Department of Chemistry, Razi University, Kermanshah, Iran</i></p>	<p>Synthesis of Cabbage Like Micropellets of Co(OH)₂/ P-Doped-Graphitic Carbon Nitride as a Bifunctional Electrocatalyst to ORR and OER</p>
1108	<p>Nasrin Hadavand^a, Sadegh Khazalpour^{a*}, Davood Nematollahi^a, Lida Fotouhi^b ^a<i>Department of Analytical Chemistry, Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran.</i> ^b<i>Department of Analytical Chemistry, Faculty of Chemistry, Alzahra University, Tehran, Iran</i></p>	<p>Electrochemical degradation of Azithromycin in aqueous solutions: Investigating the efficacy of Ti/TiO₂/βPbO₂ anodes</p>
1142	<p>Amin Danesh-Ungut^a, Habibollah Eskandari^{a*}, Eslam Pourbasheer^a ^a<i>Department of Chemistry, Faculty of Basic Sciences, University of Mohaghegh Ardabili, Ardabil, Iran</i></p>	<p>Multi-walled carbon nanotubes and silicon carbide nanoparticles modified platinum electrode for detection of dasatinib</p>
1143	<p>Sayed Milad Amini^a, Habibollah Eskandari^{a*} ^a<i>Department of Chemistry, Faculty of Basic Sciences, University of Mohaghegh Ardabili, Ardabil, Iran</i></p>	<p>Adsorptive electrochemical detection of o-tolidine by super conductive carbon black nanoparticles modified platinum electrode</p>
1152	<p>Fatemeh Shirzadi^a, Mahmoud Zarei^{a*} ^a<i>Department of Applied Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran</i></p>	<p>Synthesis of metal modified aerogel and investigating its efficiency in electrochemical removal of tricyclazole pesticide from contaminated waters</p>
1068	<p>Zahra Ghasemi^{a*}, Fariba Garkani Nejad^b, Zahra Dourandish^b, Hadi Beitollahi^b ^a<i>Department of Chemistry, Graduate University of Advanced Technology, Kerman, Iran</i> ^b<i>Department of Environment, Institute of Science and High Technology and Environmental Sciences, Graduate University of Advanced Technology, Kerman, Iran</i></p>	<p>Designing a novel and sensitive electrochemical sensing platform for determination of methotrexate in the presence of calcium folinate</p>
1070	<p>Ahlam Bazrafkan^{a,*}, Fariba GarkaniNejad^b, Hadi Beitollahi^b, Reza Zaimbashi^b ^a<i>Department of Chemistry, Graduate University of Advanced Technology, Kerman, Iran</i> ^b<i>Environment Department, Institute of Science and High Technology and Environmental Sciences, Graduate University of Advanced Technology, Kerman, Iran</i></p>	<p>Modified carbon paste electrode-based electrochemical sensor for voltammetric determination of dopamine in the presence of uric acid</p>