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| **Poster number****Poster section B****Time: Wednesday afternoon (15:00-16:00)** | **authors** | **topic** |
| 1064 | **Samin Barat-Abtahia, Fahimeh Varmaghania \*, Babak Karimia \****aDepartment of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, 45137-66731, Iran* | Comparison efficiency of different hybrids of cobalt phthalocyanine and ionic liquid derived ordered mesoporous carbons as catalyst for electrochemical reduction of carbon dioxide |
| 1013 | **Najva Sadria\*, Mohammad Mazloum-Ardakania***aDepartment of Chemistry, Faculty of Science, Yazd University, Yazd, Islamic Republic of Iran* | Development of a Molecularly Imprinted Electrochemical Sensor for Sensitive and Selective Quantification and Monitoring of Imatinib Release |
| 1019 | **Fereshteh Mohseni-Sardari**a**, Mohammad Mazloum-Ardakani**b**\*, Hamideh Mohammadian-Sarcheshmeh**c**, Zahra Alizadeh**d**, Shiva Houshmand**e*a-eDepartment of Chemistry, Faculty of Science, Yazd University, Yazd, Iran* | A flower-structured Nickel-based Metal−Organic Framework/MWCNTs nanocomposite-modified sensor for the sensitive electrochemical detection of glutamate |
| 1015 | **Hafezeh Morsalpoura, Hamid R. Zarea, \*, Zahra Shekaria, Maryam Mirbagheri-Firousabadb***aDepartment of Chemistry, Yazd University, Yazd, 89195–741, Iran**bDepartment of Biology, Yazd University, Yazd, 89195–741, Iran* | Development of an electrochemical aptasensor for sensitive and selective detection of staphylococcus aureus in various samples |
| 1039 | **Narges Mehrpour, Hamid R. Zare, Mansour Namazian***Department of Chemistry, Yazd University, Yazd, 89195-741, Iran* | Investigation of the electrochemical behavior of dopamine in aqueous solution |
| 1038 | **Fatemeh Shirvani, Hamid Reza Zare, Zahra Akhavan** *Department of Chemistry, Yazd University, Yazd, 89195-741, Iran* | Investigating the corrosion behavior of copper metal with graphene oxide/zinc rich epoxy coating in 3.5% NaCl solution |
| 1034 | **Meysam Gharehdaghi, Hamid R. Zare, Zahra Mohammadpour, Sara Dehghan-Chenar***Department of Chemistry, Yazd University, Yazd, 89195-741, Iran* | Electrochemical behavior of carbon quantum dots- based composite coatings on 316L stainless steel in chloride environments |
| 1141 | **Mansoura Alighiyan Bagh khandan, Ali Benvidi\*, Emadaddin Amin Sadrabadi** *aDepartment of Chemistry, Faculty of Chemistry, Yazd University, Yazd, Iran* | 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 | **Shokoufeh Rezvani niaa, Ali Benvidia,\* Hamid Reza Zarea, Marzieh Dehghan Tezerjania***aDepartment of Chemistry, Yazd University, Yazd, 89195–741, Iran* | Fabrication of PDA@Bio-MOF-11@Nano-Curcumin as a Smart and Green Coating to Prevent Mild Steel Corrosion |
| 1074 | **Shokoufeh Rezvani niaa, Ali Benvidia,\* Hamid R. Zarea, Marzieh Dehghan Tezerjania***aDepartment of Chemistry, Yazd University, Yazd, 89195–741, Iran* | Fabrication of Chitosan/GON/Rosemary/Zn as a Green Coating to Protect Copper Metal from Corrosion |
| 1113 | **Zahra Akbarzad Sangrizeha, Seyed Karim Hassaninejad-Darzi a\*, Neda Zalpourb***a* *Department of Chemistry, Faculty of Basic Science, Babol Noshirvani University of Technology, Shariati Ave., P.O. Box: 484, Babol 47148-71167, Iran**b Department of Chemistry, Faculty of Sciences, Ilam University, Ilam P. O. BOX. 69315-516, Iran*  | Determination of Deferiprone drug by nanoparticles modified glass carbon electrode |
| 1029 | **Elnaz Riahipour, Masoud Rohani Moghadam\*, Alireza Bazmandegan Shamili, Zahra Shekari, Masoud Rezaei Nasab***Department of Chemistry, Faculty of Science, University Vali-e-Asr, Rafsanjan, Iran* | 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***Department of Chemistry, Faculty of Science, University Vali-e-Asr, Rafsanjan, Iran* | 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 Padasha,b, Mehdi Mousavia, \* , Abbas Ali Mohammadia,b***aDepartment of Chemistry, Shahid Bahonar University of Kerman, Kerman, Iran**bYoung Researchers Society, Shahid Bahonar University of Kerman, Kerman, Iran* | A non-enzymatic electrochemical glucose sensor based on Co3O4/rGO nanocomposite and chitosan-based molecularly imprinted polymer |
| 1075 | **Reza Karimi Shervedani\*, Mohammad Reza Namazizade***Department of Chemistry, Faculty of Isfahan, Isfahan, 8174673441, Islamic Republic of Iran* | Construction of a NEW bimetallic Metal Organic FRAMEWORK: Preparation and Physicochemical Characterization by Surface Analysis Techniques and Electrochemical Methods |
| 1078 | **Shima Ghasemia, Zahra Godinib, Davood Nematollahib.c\*** *a Department of Chemistry, Science and Research Branch, Islamic Azad University, Tehran, Iran**bFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran**cPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran* | Green electrochemical complexation of cephalosporins with silver, copper, iron, nickel and zinc cations |
| 1080 | **Sahar Shakiba a, Hadi Ebrahimifar a\* , Mohammad Sefidbakht b, Saba Dehghgan c***a Department of Materials Engineering, Faculty of Mechanical and Materials Engineering, Graduate University of Advanced Technology, Kerman, Iran.**b Refinery and Foundries factory, Sarchesheme copper complex.**c Department of Materials Engineering, Faculty of Engineering, Shahid Chamran University of Ahvaz, Ahvaz, Iran.* | Evaluation of electrical resistance activation energy of Ni-Co-Mn-CeO2 coated AISI 430 steel for SOFC application |
| 1081 | Sahar Shakiba a, Hadi Ebrahimifar a\* , Mohammad Sefidbakht b, Saba Dehghgan ca Department of Materials Engineering, Faculty of Mechanical and Materials Engineering, Graduate University of Advanced Technology, Kerman, Iran.b Refinery and Foundries factory, Sarchesheme 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-CeO2 coated AISI 430 steel for SOFC application |
| 1084 | **Zahra Godini,a Davood Nematollahi****\*a,b***aFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran**bPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran* | Electrochemical oxidation and docking simulation of catechol in the presence of clobazam |
| 1083 | **Haniyeh Mortaza, Khalil Farhadia\*, Mohammad Kazemzadeha** *aDepartment 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 Dehghgan c***a Department of Materials Engineering, Faculty of Mechanical and Materials Engineering, Graduate University of Advanced Technology, Kerman, Iran.**b Refinery and Foundries factory, Sarchesheme 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-CeO2 -AISI 430 |
| 1088 | **Elham Sharifia, Khalil Farhadia\*, Mohammad Kazemzadeha** *aDepartment 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 Imanzadeha, Alireza Khataeea\*, Mandana Amirib** *aResearch Laboratory of Advanced Water and Wastewater Treatment Processes, Department of Applied Chemistry, Faculty of Chemistry, University of Tabriz, 51666−16471 Tabriz, Iran**bDepartment of Chemistry, University of Mohaghegh Ardabili, 56199-13131 Ardabil, Iran* | Ternary FeNiS2 Nanocomposites Tip-Welded on Nickel Foam for Electrocatalytic Oxygen Evolution Reaction |
| 1094 | ***Mina-Sadat Koshkia, Sahra Khosrojerdia, Mehdi Baghayeria,\*, Sirous Salemia, Mohammad Zirakb****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* | Effect of bias voltage on the photo-activity of bismuth vanadate mesoporous layers |
| 1095 | **Saeedeh Shahparasta, Karim Asadpour-Zeynali b\*** *aDepartment of Analytical Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran**bDepartment of Analytical Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran* | Development of a novel and highly sensitive electrochemical sensor based on FeCu-LDH@MXene nanocomposite for the selective determination of clonazepam |
| 1048 | Mahsa Roshani,a Davood Nematollahia,b\**aFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran**bPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.* | Comprehensive study of the electrochemical redox system of paraquat in aqueous solutions |
| 1097 | **Neda Zalpoura, Mahmoud Roushanib\*, Essra khamis abdollahc***a,b,cDepartment of Chemistry, Faculty of Science, Ilam University, Ilam, Iran* | in situ co-electropolymerization of resorcinol/o-phenylene diamine on silver nanoparticle loaded multiwalled carbon nanotube for accurate detection of regorafenib |
| 1101 | **Nader Fathi,a Davood Nematollahia,b\****aFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran**bPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.* | New insights into the electrochemical behavior of sunset yellow azo dye in aqueous solutions |
| 1100 | **Sajad Shanesaz,a Vahid Asgari**,b **Davood Nematollahi,a,c\* Yaser Saebi,d Armin Sadeghinia,a** *aFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran**bFaculty of Engineering, Bu-Ali Sina University, Hamedan, Iran**cPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.**dSchool of Chemistry, College of Science, University of Tehran, Tehran, Iran* | 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 | **Sajad Shanesaz,a Davood Nematollahi,a,b\*** *aFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran**bPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran* | Last-stage modification of olanzapine through its electrochemical oxidation in the presence of arylsulfinic acid derivatives |
| 1103 | **Ali Rasi Mahmoudia, Mehrdad Abbasi Mahmoudabada, Karim Asadpour-Zeynalia\****aDepartment of Analytical Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran* | Electrochemical determination of copper ions in waste water using a lab-made triple graphite electrode based on polishable triple electrode |
| 1105 | **Mahya Miria, Davood Nematollhiab\*, Nilofar mohamadighadera***aFaculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran**bPlanet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.* | Electrochemical synthesis of new linezolid derivatives through the electrochemical oxidation of linezolid in the presence of arylsulfinic acids |
| 1107 | **Seyedeh. Fatemeh. Nami-Anaa, J. Tashkhourian\*a, M. Shamsipurb***aDepartment of Chemistry, College of Sciences, Shiraz University, Shiraz 71456, Iran**bDepartment of Chemistry, Razi University, Kermanshah, Iran* | [Synthesis](http://onlinelibrary.wiley.com/doi/10.1002/adma.201304964/full) of Cabbage Like Micropellets of [Co(OH)2/ P-Doped-Graphitic Carbon Nitride as a](http://dx.doi.org/10.1002/slct.201601919) Bifunctional Electrocatalyst to ORR and OER |
| 1108 | **Nasrin Hadavanda, Sadegh Khazalpoura\*, Davood Nematollahia, Lida Fotouhib** *aDepartment of Analytical Chemistry, Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran.* *bDepartment of Analytical Chemistry, Faculty of Chemistry, Alzahra University, Tehran, Iran* | Electrochemical degradation of Azithromycin in aqueous solutions: Investigating the efficacy of Ti/TiO2/βPbO2 anodes |
| 1142 | Amin Danesh-Unguta, Habibollah Eskandaria\*, Eslam Pourbasheera *aDepartment of Chemistry, Faculty of Basic Sciences, University of Mohaghegh Ardabili, Ardabil, Iran* | Multi-walled carbon nanotubes and silicon carbide nanoparticles modified platinum electrode for detection of dasatinib |
| 1143 | Sayyed Milad Aminia, Habibollah Eskandaria\* *aDepartment of Chemistry, Faculty of Basic Sciences, University of Mohaghegh Ardabili, Ardabil, Iran* | Adsorptive electrochemical detection of o-tolidine by super conductive carbon black nanoparticles modified platinum electrode |
| 1152 | **Fatemeh Shirzadia, Mahmoud Zareia\****aDepartment of Applied Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz, Iran* | Synthesis of metal modified aerogel and investigating its efficiency in electrochemical removal of tricyclazole pesticide from contaminated waters |
| 1068 | **Zahra Ghasemia\*, Fariba Garkani Nejadb, Zahra Dourandishb, Hadi Beitollahib***aDepartment of Chemistry, Graduate University of Advanced Technology,* *Kerman, Iran**bDepartment of Environment, Institute of Science and High Technology and Environmental**Sciences, Graduate University of Advanced Technology, Kerman, Iran* | Designing a novel and sensitive electrochemical sensing platform for determination of methotrexate in the presence of calcium folinate |
| 1070 | **Ahlam Bazrafkana,\*, Fariba GarkaniNejadb, Hadi Beitollahib, Reza Zaimbashib***aDepartment of Chemistry, 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* | Modified carbon paste electrode-based electrochemical sensor for voltammetric determination of dopamine in the presence of uric acid |