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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 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. | 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 |