Poster section A Time: Wednesday morning (10:05-11:05)		
Poster number	**authors**	**topic**
1003	**Shohreh Khaledian[a], Fahimeh Varmaghani[a,b]*, Babak Karimi[a,b]*** *[a]Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, 45137-66731, Iran* *[b]Research Center for Basic Sciences & Modern Technologies (RBST), Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan 45137-66731, Iran*	A hybrid of Cu-based metal organic framework and nitrogen-doped ordered mesoporous carbon as electrocatalyst toward eCO2RR
1004	**Shakiba Omidi[a], Fahimeh Varmaghani[a,b]*, Babak Karimi[a,b]*** *[a]Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, 45137-66731, Iran* *[b]Research Center for Basic Sciences & Modern Technologies (RBST), Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan 45137-66731, Iran*	Electrocatalytic behaviour of Zn-based MOF/ionic liquid derived ordered mesoporous carbon modified electrode for electrocatalytic reduction of carbon dioxide
1005	**G. Alaei[a], M. Mazloum-Ardakani[b]** *[a]Department of Chemistry, Faculty of Science, Yazd University, Yazd, 8915818411, Iran*	Electrochemical investigation of nickel oxide nanostructure on carbon fiber substrate as high performance supercapacitor electrode
1006	**Shiva Houshmand[a], Mohammad Mazloum-Ardakani[b]*, Hamideh Mohammadian-Sarcheshmeh[c], Fereshteh Mohseni-Sardari[d]** **Department of Chemistry, Faculty of Science, Yazd University, Yazd, Iran.*	Design Of A Non-Enzymatic Electrochemical Sensor For Glutamate Detection Using Cobalt Based Metal-Organic Framework/Graphene Oxide Composite
1008	**Nikoo Fahemi,[a] Shayan Angizi, [b] Amir Hatamie [a,c] *** *[a] Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Prof. Sobouti Boulevard, PO-Box 45195-1159, Zanjan, 45137-66731, Iran.* *[b] Department of Chemical Engineering, McMaster University. Hamilton, Canada.* *[c] Department of Chemistry and Molecular Biology, University of Gothenburg, Gothenburg, Sweden.*	Bubble Wall-Mediated Electrochemical Sensing and Deposition: Adventures in Electrochemistry
1010	**Shima Kamran Haghighi,[a] Saba Mohamad Lo,[a] Shayan Angizi, [b] Amir Hatamie [a,c] *** *[a] Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Prof. Sobouti Boulevard, PO-Box 45195-1159, Zanjan, 45137-66731, Iran.* *[b] Department of Chemical Engineering, McMaster University. Hamilton, Canada.* *[c] Department of Chemistry and Molecular Biology, University of Gothenburg, Gothenburg, Sweden*	Innovative Integration of Robotic and Printed Nanosensor for real –time Electrochemical Sensing in Surface and Underwater Environments
1060	**Zakieh Salehi[a], Ali Benvidi*** *[a]Department of Chemistry, Faculty of Science, Yazd University, Yazd, Iran*	Degradation cationic dye of Basic Red46 by

	[b]*Department of Chemistry, Faculty of Science, Yazd University, Yazd, Iran*	electrochemical oxidation and reduction method
1110	**Mohammad Kamalvand[a]*, Tahmineh Keshavarzi[b]** [a]*Department of Chemistry, Faculty of Science, Yazd University, Yazd, Iran* [b]*Department of Chemistry, Isfahan University of Technology, Isfahan, Iran*	Ion Selectivity in Carbon Nanotubes on Graphene Substrates for Supercapacitor Electrodes
1057	**Hamideh Mohammadian-Sarcheshmeh[a], Mohammad Mazloum-Ardakani[b]*** [a,b]*Department of Chemistry, Faculty of Science, Yazd University, Yazd, Iran.*	Fabrication of a flexible supercapacitor electrode using Co-MOF@CoS_2
1058	**Hamideh Mohammadian-Sarcheshmeh[a], Mohammad Mazloum-Ardakani[b]* Mohammad Abdollahi-Alibeik[c], Ardalan Sarrafnia[d]** [a-d]*Department of Chemistry, Faculty of Science, Yazd University, Yazd, Iran*.	Modified Metal–Organic Framework as electrode materials for fabrication of supercapacitor
1090	**Nafiseh Sahraei[a]*, Mohammad Mazloum Ardakani[b]** [a]*Department of Medicinal Chemistry, Faculty of Pharmacy Shahid Sadoughi University of Medical Sciences, Yazd, Iran* [b]*Department of chemistry, Faculty of Science, Yazd University, Yazd, Iran*	A label-free paper-based electrochemical immunosensor for Exosome detection via mesoporous carbon nanofoam
1160	**Fatemesadat Norouzzadeh, Ali Benvidi*** *Department of Chemistry, Yazd University, Yazd, Iran*	Extraction of lead ion from waste water using functionalized and magnetic active carbon and its determination suing differential pulse voltammetry
1116	**Yasaman Mozafarikhah, Ali Benvidi*** *Department of Chemistry, Yazd University, Yazd, Iran*	The effect of electroplating solutions on the electrochemical and morphological of the electrode surface in gold electroplating
1016	**Seyedeh Masoumeh Mousavi [a]*, Jahan Bakhsh Raoof [a], Zeinab Rahmati[a]** [a]*Electrochemical Chemistry Reserch Laboratory ,Department of Analytical Chemistry, Faculty of Chemistry, University of Mazandaran, Babolsar, Iran*	An electrochemical aptasensor based of glassy carbon electrode modified with Au-Cu doped NiCo-MOF hollow nanospheres for ultrasensitive detection of tryptophan
1017	**Mohammad Barazandeh[a]and Sayed Habib Kazemi[a]*** [a]*Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan 45137-66731, Iran.*	An innovative redox active hydrogel electrolyte with self-healing capability for wearable supercapacitors
1021	**Zahra Sepehri[a], Fahimeh Varmaghani[a,b]*, Babak Karimi[a,b]*** [a]*Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, 45137-66731, Iran*	Insight into the Role of Structure in Ordered Mesoporous Carbons for Electrochemical Applications

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1022	**M. Jelvehzadeh[1], Kh .Ghanbari[1]*** [11]*Department of Analytical Chemistry, Faculty of Chemistry, Alzahra University, P. O. Box 1993893973, Tehran, Iran..*	Molecularly imprinted electrochemical sensor based on Cu-MOF for sensitive detection of the Pregabalin
1026	**F. Sarkaboudi [a], Kh .Ghanbari[a]*, *M. Jelvehzadeh*** [b] [*]*Department of Analytical Chemistry, Faculty of Chemistry, Alzahra University, P. O. Box 1993893973, Tehran, Iran*	Designing and constructing an electrochemical sensor using a nanocomposite metal-organic framework and nitrogen-doped graphene oxide for the identification and measurement of Tartrazine
1024	**Peyman Mohammadzadeh Jahani[a]*, Maedeh Jafari[b]** [a]*Department of Medicine, Bam University of Medical Sciences, Bam, Iran* [b]*Department of Pediatrics, School of Medicine, Kerman University of Medical Sciences, Kerman, Iran*	Application of glass carbon electrode modified by metal–organic frameworks for quantitative measurement of toxic compounds as Bisphenol A
1025	**Peyman Mohammadzadeh Jahani[a]*, Maedeh Jafari[b]** [a]*Department of Medicine, Bam University of Medical Sciences, Bam, Iran* [b]*Department of Pediatrics, School of Medicine, Kerman University of Medical Sciences, Kerman, Iran*	Synthesis of nanoelectrode based on carbon paste for simultaneous voltammetric measurement of compounds of neurotransmitters
1027	**Farzaneh Mohammadi[*], Mahmoud Roushani** *Department of Chemistry, University of Ilam, Ilam, Iran*	Dual recognition elements for selective determination of Tryptophan based on molecularly imprinted electrochemical aptasensor
1119	**Haniye Shantiyaee, Mahmoud Roushani, Farzaneh Mohammadi[*]** *Department of Chemistry, University of Ilam, Ilam, Iran*	Development of Trypsin aptasensor based on electrospinning quantum dots into carbon nanofibers as a substrate
1028	**Maryam Mehrdadian[a], Sadegh Khazalpour[a*], Ameneh Amani[b]** [a]*Department of Chemistry, Faculty of Chemistry and Petroleum science, Bu-Ali Sina University, Hamedan, Iran* [b]*Nahavand Higher Education Complex, Bu-Ali Sina University, Hamedan, Iran*	Formation of MOF-Chitosan-Nb composites to achieve advanced electrocatalytic activity for OER and HER
1043	**Shima Shabani, Javad Safaei-Ghomi*, Hossein Mojtabazadeh** *Faculty of Chemistry, University of Kashan, Kashan, I. R. Iran*	Enhanced electrochemical and mechanical properties of Collagen-based hybrid hydrogels incorporating Graphene Oxide, Silica and Carbon Nanotubes for biomedical applications
1045	**Parva Ashrafi[a], Amin Ansari[a*], Davood Nematollahi[a,b*]**	Improved electrocatalytic degradation of SARS-CoV drug favipiravir by a highly

	[a]*Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran* [b]*Planet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran*	porous 3D carbon felt/ β-PbO_2 electrode
1042	**Sayed Habib Kazemi[a, *], Esmaeel Sanjeri[a], Yosra Kavarizadeh[a]** [a] *Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan 45137-66731, Iran.*	Implementation of the electrochemical and hydrothermal approaches to synthesis of cobalt oxide nanostructure for supercapacitor applications
1033	**Mohammad Safarpoor [a*], Rassoul Dinarvand[a], Mehrorang Ghaedi [b], Arash Asfaram [c]** [a] *Nanotechnology Research Center, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran* [b] *Department of Chemistry, Yasouj University, Yasouj, Iran* [c] *Medicinal Plants Research Center, Yasuj University of Medical Sciences, Yasuj, Iran*	An ultrasensitive sandwich-type electrochemical immunosensor for the determination of prostate specific antigen (PSA) using Ti_3C_2 MXene @CuAu-LDH labeled Ti_3C_2@AuNPs as a signal tag
1092	**Farzaneh Hoseynidokht[a], Mohammad Mazloum-Ardakani[a*] , Nafiseh Sahraei[a]** [a]*Department of Chemistry, Faculty of Science, Yazd University, Yazd 89195-741, Iran*	Highly sensitive electrochemical detection of aquaporin-4 antibody by Nickel- Metal organic framework (Ni-MOF)/CNT
1093	**Farzaneh Hoseynidokht[a], Mohammad Mazloum-Ardakani[a*], Fatemeh Farbod[a]** [a]*Department of Chemistry, Faculty of Science, Yazd University, Yazd 89195-741, Iran*	Ultrasensitive Immunosensor for detection of aquaporin-4 antibody by porous graphene aerogel matrix incorporated with ytterbium oxide nanoparticles
1047	**Farzaneh Nasiri[a], Lida Fotouhi[b]*** [a]*Department of Analytical Chemistry, Faculty of Chemistry, Alzahra University, Tehran, Iran* [b]*Analytical and Bioanalytical Research Centre (ABRC), Alzahra University, Tehran, Iran*	Bi-and trimetalic selenides derived from MOFs as electrode for fabrication asymmetric supercapacitors
1050	**Mohammad Mehdi Hashemi-Mashouf,[a] Davood Nematollahi,[a,b]* Mahsa Roshani,[a]** [a]*Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran* [b]*Planet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.*	Electrocatalytic degradation of amido black 10B using Ti/β-PbO_2-BiOx modified electrode
1051	**Mahtab Gitipeimay Hamedani,[a] Niloofar Mohamadighader,[a] Davood Nematollahi,[a,b*] Farideh Lotfipour,[a]** [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 of phenothiazine in the presence of triphenylphosphine. Synthesis of a new phosphorus betaine compound
1053	**Shadi Mohammadian, Mohammad Barazandeh, Sayed Habib Kazemi*, Hamid R. Shahsavari*** *Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan, 45137-66731*	Design and synthesis of an innovative Rh(III) complex containing diphosphinoferrocene

		ligand: Electrochemical investigations
1054	**Atefeh Abin[a], Pouya Abedi[b], Mohammad Kazemzadeh[b]** *[a]Department of Physical Chemistry, Faculty of Chemistry, Urmia University, Urmia, Iran* *[b]Department of Analytical Chemistry, Faculty of Chemistry, Urmia University, Urmia, Iran*	Fabrication of a Molybdenum Trioxide/Multi-Walled Carbon Nanotubes on Anodized Graphite Sheets as an Anodic Modification Material for Microbial Fuel Cells Application
1059	**Mozhdeh Malmir,[a] Davood Nematollahi[*a,b], Ali Sadatnabi[a] Sajad Shanehsaz[a]** *[a]Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran* *[b]Planet Chemistry Research Center, Bu-Ali Sina University, Hamedan, Iran.*	A green strategy for the synthesis of aryl-benzoquinone derivatives under batch and flow conditions
1061	**Ameneh Amani*, Mohadese Mohtaji** *[a] Department of Chemistry, Nahavand Higher Education Complex, Bu-Ali Sina University, Hamedan, Iran* *[b] Department of Analytical Chemistry, Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran*	Electrochemical Assessment of Verbascoside in the Leaf Extract of *Aloysia citriodora* at the Surface of Silver Nanoparticles Modified Carbon Paste Electrode
1062	**Ameneh Amani[a]*, Armita Damsaz[a], Mohadese Mohtaji[c]** *[a,b] Department of Chemistry, Nahavand Higher Education Complex, Bu-Ali Sina University, Hamedan, Iran* *[c] Department of Analytical Chemistry, Faculty of Chemistry and Petroleum Sciences, Bu-Ali Sina University, Hamedan, Iran*	Electrochemical study and Assessment Antioxidant Activity of Ethanolic Leave Extract of *Lavandula*
1063	**Faezeh Alipour[a], Jahan Bakhsh Raoof[a]*, Reza Ojani[a]** *[a] Department of Analytical Chemistry, Faculty of Chemistry, University of Mazandaran, Babolsar, Iran*	A sensitive electrochemical sensor based on glassy carbon electrode modified with microporous activated carbon derived from eucalyptus barks and Cu-BTC for determination of phosalone
1066	**Zahra Ghasemi[a*], Hadi Beitollahi[b], Fariba Garkani Nejad[b] , Zahra Dourandish[b]** *[a]Department of Chemistry, Graduate University of Advanced Technology, Kerman, Iran* *[b]Department of Environment, Institute of Science and High Technology and Environmental Sciences, Graduate University of Advanced Technology, Kerman, Iran*	Surface modification of glassy carbon electrode by using MIL-101 (Fe)-NH_2 /MWCNTs nanostructure for determination of doxorubicin in the presence of dacarbazine
1067	**Ahlam Bazrafkan[a,*], Hadi Beitollahi[b], Fariba GarkaniNejad[b], Reza Zaimbashi[b]** *[a]Department of Chemistry, Graduate University of Advanced Technology, Kerman, Iran* *[b]Environment Department, Institute of Science and High Technology and Environmental Sciences, Graduate University of Advanced Technology, Kerman, Iran*	ZIF-L (Zn, Co)/MWCNTs nanostructure modified carbon paste electrode as an efficient electrochemical sensor for determination of norepinephrine in the presence of L-tyrosine

1133	**<u>Mir Hadi Banan Khojasteh</u>[a*], Aynaz Kamyab[b], Ali Rasi Mahmoudi[c], Karim Asadpour Zeynali[d*]** *[a]Department of Analytical Chemistry, Faculty of Chemistry, University of Tabriz, Tabriz 5166616471, Iran*	Electrocatalytic performance of the green synthesized α-Fe2O3 for determination of 2-Nitrophenol
1134	**<u>Samaneh Ebadi</u>[a], Khadijeh Ghanbari[a]*** *[a]Department of Analytical Chemistry, Faculty of Chemistry, Alzahra University, P. O. Box 1993893973, Tehran, Iran*	Fabrication of impedimetric sensor based on Bio-MOF/Au NPs nanocomposite for the determination of Ciprofloxacin