

افیلیشن یا وابستگی سازمانی شخص ارائه دهنده ذکر شده است.

Section A: 17 Shahrivar (7 September)		
10:00 – 10:45		
Copper-organic frameworks with open metal sites and amine groups for photocatalytic H ₂ evolution	<u>Masoumeh Jenab</u> , Reza Abazari* (Department of Chemistry, Faculty of Basic Sciences, University of Maragheh)	A1
<i>In Situ</i> growth of FeNi-LDHs on Fe ₂ Ni-MOFs for fabrication of “p–n” heterojunction with enhanced separation of charge carriers for highly efficient photocatalytic H ₂ evolution	<u>Zahra Ahmadi</u> , Reza Abazari* (Department of Chemistry, Faculty of Basic Sciences, University of Maragheh)	A2
The Interaction between Dopamine and C60: A DFT Approach	<u>Maryam Manafi Moghadam</u> , Susan Sarvarian Ali Ramazani (The Organic Chemistry Research Laboratory (OCRL), Department of Chemistry, Faculty of Science, University of Zanjan)	A3
The preparation of dihydropyran derivatives using heterogeneous metal-organic framework (MOF)	Seyedeh Fatemeh Hojati , <u>Zahra Borghebani</u> * , Fateme Zahra Gholami Mazinan (Department of Chemistry, Hakim Sabzevari University)	A4
Mn/Pb-Y zeolite as an efficient catalyst for the synthesis of spirochromene[4,3]oxindole derivatives	<u>Zahra Borghebani</u> , Seyedeh Fatemeh Hojati*, Maryam Moosavifar, Mahdiah Ghorbani (Department of Chemistry, Hakim	A5

	Sabzevari University)	
Synthesis and modification of ZSM-5 zeolite catalyst for catalytic conversion of plastic to liquid fuel	<u>Samira Rahimi</u> , Mohammad Rostamizadeh, Reza Alizadeh* (Faculty of Chemical Engineering, Sahand University of Technology)	A6
(Magnetic laponite/ k-carrageenan)@Chitosan core –shell carrier for pH – Sensitive release of doxorubicin	<u>Fatima shokrani</u> , Gholamreza mahdavinia (Department of Chemistry, Faculty of Science, University of Maragheh)	A7
Synthesis and characterization of bimetallic metal-organic framework based on copper and iron metals (Cu-Fe MOF) as cathode electrode active materials in battery-supercapacitor (BSH) hybrid energy storage system	<u>Mohammad Hadi Karimi Harandi</u> , Kourosh Adib*, Mostafa Najafi (Department of Chemistry, Faculty of Basic Sciences, Imam Hossein University)	A8
A DFT study on adsorption of methanimine (CH ₂ NH) over pristine and Al-doped B ₃₂ N ₃₂ Nanotube	<u>Nayer Mohammadian-Tarighi</u> , Gholamreza Ebrahimzadeh-Rajaei (Department of chemistry, Ardabil branch, Islamic Azad University)	A9
The effect of pH on the dissolution and purification of zeolite in the adsorption process	<u>Seyed Mohammad Matin Mirmasomia</u> , Seyed Mahdi Rafiaei (Department of Materials, Isfahan Mobarake Steel Innovation Center, Isfahan University of Technology)	A10
Synergetic effects of hierarchical porosity, chemical, acidic, and hydrothermal modification of the NaY zeolite and their simultaneous use in the technology of the Fluid Catalytic Cracking (FCC)	<u>Mahta Badinezhad</u> , Shabnam Sohrabnezhad*, Azam Sameie (Faculty of Chemistry, University of Guilan)	A11

Efficient Removal of Cu ²⁺ ions and Malachite green dye from Aqueous Solutions by Polyanionic Sodium Alginate-derived Hydrogel	Abdolreza Abri , <u>Ahmadreza Allafi Oskuei</u> * (Department of Chemistry, Faculty of Basic Sciences, Azarbaijan Shahid Madani University)	A12
Porous sodium alginate/ Polyvinyl alcohol composites cross-linked with Glutaraldehyde for crystal violet dye and Pb ²⁺ ions removal from aqueous solution	<u>Ahmadreza Allafi Oskuei</u> *, Fatemeh bohloolzadeh (Department of Chemistry, Faculty of Basic Sciences, Azarbaijan Shahid Madani University)	A13
Design and synthesis of zeolitic imidazolate framework-8 (ZIF-8) porous nanocatalyst for photocatalytic degradation of RhB	<u>Zahra Karimzadeh Torghabeh</u> *, Zahra Shariatinia (Department of Chemistry, Amirkabir University of Technology (Tehran Polytechnic))	A14
Photocatalytic pollutant degradation and water purification using a photocatalyst based on MIL-100 (Fe,Co) metal-organic framework	<u>Zahra Karimzadeh Torghabeh</u> *, Zahra Shariatinia (Department of Chemistry, Amirkabir University of Technology (Tehran Polytechnic))	A15
Synthesis, characterization, and application of nanoporous metal-organic frameworks (MOFs) combined with quantum dots nanoparticles and carboxylated graphene oxide	<u>F. Sadat Gharibian lavasani</u> , Sh. Geranmayeh* (Department of Physical Chemistry and Nanochemistry, Faculty of Chemistry, Alzahra University)	A16
Survey the most efficient parameters for modifying Clinoptilolite's ion exchange process to uptake sulfate ions by the Design of Experiments method (DOE)	<u>Saeideh Hematian</u> , Kiana Peyvandi* (Faculty of Chemistry, Petroleum and Gas Engineering, Semnan	A17

	University)	
Synthesis of anticancer Coumarin derivatives by Nanocatalyst Cd/Zif-8	Alireza Motavalizadehkakhky, <u>Somaye Kaboli</u> (Department of Chemistry, Faculty of Science, Neyshabur Branch, Islamic Azad University)	A18
Adsorption of arsenic on nanomagnetic activated carbons	Alireza Motavalizadehkakhky, <u>Somaye Kaboli</u> (Department of Chemistry, Faculty of Science, Neyshabur Branch, Islamic Azad University)	A19
Synthesis and Characterization of a New Metal Hydrogen-bonded Supramolecular Organic Framework	<u>Vahideh Afsari</u> , Alireza Salimi (Department of Chemistry, Faculty of Science, Ferdowsi University of Mashhad)	A20
Introducing a novel MOF-based UiO66-N/DAMO/Cu nanocatalyst for the oxidation of benzyl alcohols	Mohammad Abdollahi-Alibeik, Ardalan Saraf Nia, <u>Farhad Rahimi</u> (Department of Chemistry, Yazd University)	A21
CoFe ₂ O ₄ /GO nanocomposite as a reusable magnetic sorbent for determination trace amounts of vitamin B9 in food samples	<u>Zahra Khaleghi</u> , Rouhollah Khani*, Maryam Moudi (Department of Chemistry, Faculty of Sciences, University of Birjand)	A22
Preparation and evaluation of intelligent and edible packaging of food enriched with anthocyanins in vegetables based on biodegradable alginate polymer and chitosan nanoparticles	<u>Sogand Shabani</u> , Marziyeh Piriyaeei, Mehdi Abolghasmi (Department of Chemistry, Faculty of Basic Sciences, Maragheh University)	A23

Preparation and evaluation of intelligent packaging of foods enriched with anthocyanin, skin of red vegetables based on biodegradable polylactic acid and gum based on turpentine	<u>Sogand Shabani</u> , Marziyeh Piriyaeei, Mehdi Abolghasmi (Department of Chemistry, Faculty of Basic Sciences, Maragheh University)	A24
Copper-based Bio-MOF/GO with Lewis basic sites for CO ₂ fixation into cyclic carbonates	<u>Nasrin Ghorbani</u> , Reza Abazari* (Department of Chemistry, Faculty of Basic Sciences, University of Maragheh)	A25
Bimetallic NiCo metal-organic frameworks with high stability and performance toward electrocatalytic oxidation of urea in seawater	<u>Soheila Sanati</u> , Reza Abazari* (Department of Chemistry, Faculty of Basic Sciences, University of Maragheh)	A26
Prunus Armeniaca Gum Supported Pd Nanoparticles: As an Efficient Catalyst for Organic Dyes Degradation	<u>Pardis Panahkhahi</u> , Maryam Zirak*, Mahnaz Saraii* (Department of Chemistry, Payame Noor University, Tehran)	A27
Bis-2-Hydrazinopyridine Complex Supported on Mesoporous Silica: A new Efficient Cu(II) Catalyst for the Selective Monoarylation of Ammonia	Fatemeh Ghahramani, <u>Yagoub Mansoori</u> * (Department of Applied Chemistry, Faculty of Science, University of Mohaghegh Ardabili)	A28
Using nanoclay in unsaturated polyester insulator for inhibition the migration of nitroglycerin in double base solid propellants	<u>Amir Mohammad Goudarzi</u> , Ali Reza Zarei, Kobra Mardi (Faculty of Chemistry and Chemical Engineering, Malek Ashtar University of Technology)	A29

<p>Synthesis, Characterization And Investigating The Applications Of Two-Dimensional (Single Or Double Metal) Metal–Organic Framework Nanosheets</p>	<p><u>Helia Tamjidi</u>[*], Shokoofeh Granmayeh, Mojgan Zendehtel (Department of chemistry, Faculty of chemistry, Alzahra University)</p>	<p>A30</p>
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Section B: 17 Shahrivar (7 September)

15:35 – 16:20

Photocatalytic H ₂ evolution on Fe ₂ Ni metal-organic framework/Fe-Ni layered double hydroxide nanocomposites under visible light irradiation	<u>Masoumeh Cheraghi Tamai</u> , Reza Abazari* (Department of Chemistry, Faculty of Basic Sciences, University of Maragheh)	B31
Metal-organic frameworks and their derivatives for energy storage and conversion applications	<u>Fatemeh Jafari</u> , Reza Abazari* (Department of Chemistry, Faculty of Basic Sciences, University of Maragheh)	B32
Amino-functionalized indium-based metal-organic framework conjugated with folic acid for targeted delivery of 5-fluorouracil on MCF-7 cell lines of human breast cancer	<u>Zahra Yaghoubi</u> , Reza Abazari* (Department of Chemistry, Faculty of Basic Sciences, University of Maragheh)	B33
Stabilization of Gold-NPs over the surface of a β -cyclodextrin incorporated ZSM-5 for the C-C coupling reactions	<u>Leila Mohammadi*</u> , Mohammadreza Vaezi (Department of Nano Technology and Advanced Materials, Materials and Energy Research Center, Karaj)	B34
Magnetically recoverable nonocatalyst Fe ₃ O ₄ @APTMS@dithiazone-Cu for the synthesis of 4H-chromenes in an environmentally friendly manner	<u>Araz Taravati</u> , Ahmad Poursattar*, Sepideh Bibak (Department of Organic Chemistry, Faculty of Chemistry, Urmia University)	B35

<p>Production, application and investigation of the effect mineral-organic fertilizer of the SHF and DD H.O.S.C.O wastes as additives on the growth of fruit trees in Alborz province</p>	<p><u>Mahtab Fallah*</u>, Masoum Fallah*, Hesam Shayegan, Fariba Asgary, Alireza Esparham, Aliakbar Tarlani (Soshyant kymia Fanavar company, CCERCI Technology Incubator, Tehran)</p>	<p>B36</p>
<p>Production, application, quantitative and qualitative investigation of the effect of mineral-organic fertilizer from palm tree waste in the southern region, on the growth and quality of fruit trees: apples, also wheat in Alborz province</p>	<p><u>Mahtab Fallah*</u>, Masoum Fallah*, Hesam Shayegan, Fariba Asgary, Alireza Esparham, Aliakbar Tarlani, Mohamad Mahdi Azimi, Raheleh Nemati (Soshyant kymia Fanavar company, CCERCI Technology Incubator, Tehran)</p>	<p>B37</p>
<p>Bentonite modified with molybdenum trioxide/zinc oxide/copper oxide as an effective catalyst in the oxidative desulfurization process</p>	<p><u>Faezeh moghaddami</u>, Maryam Moosavifar* (Department of chemistry, Faculty of Basic Sciences, Maragheh University)</p>	<p>B38</p>
<p>Multi-metallic metal-organic frameworks and derived materials for electrochemical energy storage and conversion</p>	<p><u>Fatemeh Jafari</u>, Reza Abazari*</p>	<p>B39</p>
<p>Nanoporous adsorbents for removal of aromatic sulfur compounds</p>	<p><u>Masoumeh Dibazar</u>, Mehrdad Pourayoubi*, Maryam Moosavifar (Department of Chemistry, Faculty of Science, Ferdowsi University of Mashhad)</p>	<p>B40</p>
<p>Pd Nanoparticles Decorated Zn-Based Mof-Catalyzed Hydrogenation Of Nitrophenol</p>	<p><u>Maryam Jalalat</u>, Bagher Eftekhari-Sis* (Department of Chemistry, Faculty of Science, University of Maragheh)</p>	<p>B41</p>

Using Clinoptilolite zeolite as an efficient catalyst for production of Biodiesel by electrochemical methods	<u>Mohammad Kazemzadeh</u> , Pouya Abedi, Khalil Farhadi* (Department of Analytical Chemistry, Faculty of Chemistry, Urmia University)	B42
Studying the effect of different modifiers on clinoptilolite zeolite to improve the surface adsorption of cationic and anionic dyes	<u>Pouya Abedi</u> , Mohammad kazemzadeh, Khalil Farhadi* (Department of Chemistry, Faculty of Chemistry, Urmia University)	B43
Electrocatalytic CO ₂ reduction using ionic liquid derived ordered mesoporous carbon as catalyst coupled with electrosynthesis of arylsulfonyl-4,4'-biphenol	Nasim Shamsvand, <u>Fahimeh Varmaghani</u> *, Babak Karimi* (Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan)	B44
Electro-catalytic reduction of carbon dioxide on cobalt phthalocyanine/ionic liquid derived fibrillated mesoporous carbon coupled with electrochemical synthesis of zinc-based metal-organic frameworks	Shakiba Omid, <u>Fahimeh Varmaghani</u> *, Babak Karimi* (Department of Chemistry, Institute for Advanced Studies in Basic Sciences (IASBS), Zanjan)	B45
Evaluation of anticancer effects of quercetin loaded in nanozeolite on HepG2 cancer cell line	<u>Milad babaei</u> , Akram ranjbar* (Department of toxicology and pharmacology faculty of pharmacy hamadan university of medical sciences hamadan)	B46
Synthesis of nanocomposite by adding graphene to polymer matrix	<u>Mahsa Habibiyar garaveran</u> , Majid Safajou jahankhanemlou* (Department of Chemical Engineering, University of Mohaghegh Ardabili)	B47

Green synthesized of Bimetallic Fe/Zn nanoparticles on Cyclodextrine –amine functionalized Graphene oxide	<u>Soghra Fathalipour*</u> , Sima Pourbeyram, Bahaaldine Rashidzadeh (Shahid Bakeri high education center of Miandoab, Urmia University)	B48
L-cysteine capped ZnS QDs on the surface of chitosan: preparation, characterization, and application of sonophotocatalyst for decomposition of methyl violet dye	<u>Soghra Fathalipour*</u> , Sima Pourbeyram, Fatemeh Khoshnafs (Shahid Bakeri high education center of Miandoab, Urmia University)	B49
Efficient removal and adsorb antibiotics from raw milk by functionalized Clinoptilolite zeolite	<u>Maryam Mohammadi</u> , Mojgan Zendeheel* (Department of Chemistry, Faculty of science, Arak University)	B50
Synthesis, Characterization of functionalize of Mn (II) Complexes of Thiosemicarbazones and Curcumin on HY Zeolite and Catalytic Activity for Heck reaction	<u>M.Yousefi</u> , M.Zendeheel* (Department of chemistry, Faculty of science, Arak University)	B51
Synthesis and characterization of modified Nano composite from carbon multi wall nanotubes / zeolite by Palladium nanoparticles	<u>Zahra Abbasi</u> , Mojgan Zendeheel , Sara Ansari* (Department of chemistry, Faculty of Science, Arak University)	B52
Employed on Cotton Fabric Designed with EDTA/rGO/SF/Cu for Non-Enzymatic Glucose Detection	<u>Elham Elahifar</u> , Vahid Khakyzadeh* (Department of Organic Chemistry, Faculty of Chemistry, K. N. Toosi University of Technology)	B53
Propoxour adsorption on activated carbon prepared from Vicia faba	<u>Maryam Farrokhi</u> , Aliakbar Tarlani*, Mahboubeh Rabbani*	B54

	(Department of Chemistry, Faculty of Chemistry, Chemistry and Chemical Engineering Research Center of Iran (CCERCI))	
Synthesis of NiO/sol-gel Al ₂ O ₃ composite and its application as a catalyst converter CO _x to CH ₄	<u>Maryam Farrokhi</u> , Aliakbar Tarlani*, Mohammad Jafarbeglou (Department of Chemistry, Faculty of Chemistry, Chemistry and Chemical Engineering Research Center of Iran (CCERCI))	B55
Exploring the practical conditions for synthesis of [B, Ti]-ZSM-5 zeolite using tetrapropylammonium bromide	<u>Azin Yavari</u> , Maasoumeh Khatamian* (Department of Inorganic Chemistry, Faculty of Chemistry, University of Tabriz)	B56
Application of zeolites as separators in lithium ion batteries	<u>Elham Sajjadi</u> , Maasoumeh khatamian*, Azin Yavari (Department of Inorganic Chemistry, Faculty of Chemistry, University of Tabriz)	B57
Synthesis and characterization of Faujasite/ZIF-8 composite by one-pot method, use as catalyst for aldol condensation reaction	<u>Hadis Ghaedrahmat</u> , Mojgan Zendehtdel* (Department of Chemistry, Faculty of Science, Arak University)	B58
A New 1,10-Phenanthroline-Pd(II) Complex Supported on SBA-15 for the Carboxylation of Aryl Halides	<u>Maryam Fathinejad</u> *, Yagoub Mansoori, Somayeh Fekri (Department of Applied Chemistry, Faculty of Science, University of Mohaghegh Ardabili)	B59

<p>The crosslinked metal-complexed with porous chitosan-based hydrogels of Cu(II), Zn(II), Hg(II), Ag(I), Al(III) and Fe(III) ions</p>	<p><u>Sheida Moradi</u>, Mohammad Reza Zamanloo* (Department of Chemistry, Faculty of Science, University of Mohaghegh Ardabili)</p>	<p>B60</p>
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Section C: 18 Shahrivar (8 September)

10:00 – 10:45

<p>Modification of clinoptilolite zeolite by Ni²⁺ and Cu²⁺ ions in efficient absorption desulfurization process</p>	<p>Maryam Moosavifar,* <u>Marzieh Mosazadeh</u> (Department of Chemistry, Faculty of Science, University of Maragheh)</p>	<p>C61</p>
<p>Enhancement of visible-light-driven photocatalytic degradation of Malachite green with SnO₂-doped Mn₃O₄ nanstructure</p>	<p><u>Mahdiyeh Sheikhshoei</u>, Iran Sheikhshoei* (Department of Mining, Faculty of Engineering, Shahid Bahonar University of Kerman)</p>	<p>C62</p>
<p>Photocatalytic Degradation of Dye Pollutant Over FeTPP/NaY Zeolite Nanocomposite</p>	<p><u>Mahnaz Ranjbar</u>, Maryam Moosavifar* (Department of Chemistry, Faculty of Science, University of Maragheh)</p>	<p>C63</p>
<p>Investigation of Gas Permeability using α-Alumina Membrane Modified with ZIF-11</p>	<p><u>Hossein Mohammadi Mehr</u>, Mohsen Mehdipourghazi*, Faramarz Hormozi (Department of Chemical, Petroleum and Gas Engineering, Semnan University)</p>	<p>C64</p>
<p>Drug Release of Moxifloxacin Via Functionalized Porous Sol-Gel γ-Alumina</p>	<p><u>Mojtaba Ghorbani</u>, Aliakbar Tarlani* (Department of Inorganic Chemistry, Faculty of Chemistry, Chemistry & Chemical Engineering Research Center of Iran (CCERCI))</p>	<p>C65</p>

		C66
Hybrid inorganic-organic alumina as an adsorbent of acid-red-88 dye	<u>Mojtaba Ghorbani</u> , Aliakbar Tarlani* (Department of Inorganic Chemistry, Faculty of Chemistry, Chemistry & Chemical Engineering Research Center of Iran (CCERCI))	C67
Synthesis and characterization of a new metal-organic framework with core-shell nanocomposite structures and its application for degradation of Methylene blue	<u>Mahdiyeh Sheikhshoaei</u> , Iran Sheikhshoaei* (Department of Mining, Faculty of Engineering, Shahid Bahonar University of Kerman)	C68
Performance evaluation of functionalized ZSM-5-NH ₂ zeolite for adsorb removing some antibiotics from cows milk	<u>Parisa Maleki</u> , Mojgan Zendehtdel*, Maryam mohammadi (Young Researchers and Elite Club, Borujerd Branch, Islamic Azad University)	C69
Synthesis, characterization and photocatalytic activity of MCM-41/ZnO and MCM-48/ZnO	Hamid Reza Pouretedal ³ and <u>Mina Ahmadi</u> (Department of Chemistry, Shahreza Branch, Islamic Azad University)	C70
Removal of heavy ions contamination, especially chromium, from polluted water sources using bentonite adsorbent	<u>Zahra Jelodari</u> , Maryam Khajenoori, Pouya Mottahedin (Faculty of Chemical Petroleum and Gas Engineering, Semnan University)	C71
Adsorption of methylamine over pristine and Ni-doped B32N32 Nanotube: A dispersion-corrected DFT study	<u>Abolfazl Zakavat Moghanlu</u> , Gholamreza Ebrahimzadeh-Rajaei* (Young Researchers and Elite Club, Ardabil Branch, Islamic Azad	C72

	University)	
Synthesis and characterization of acid-base Ni(0,II)/NaY /3-Aminopropyltrimethoxysilan catalyst	<u>Masoumeh Nasery</u> , Mojgan Zendehtdel * (Department of Chemistry, Faculty of Science, Arak University)	C73
Preparation and Investigation of Gelatin Gels Loaded with ZnO/Montmorillonite Containing Curcumin	<u>Arezoo Dehghani</u> , Gholamreza Mahdavinia* (Department of Chemistry, Faculty of Science, Polymer Research Laboratory, University of Maragheh)	C74
Investigating the performance of catalysts in the reaction of heterogeneous decomposition of hydrazine and ammonia using spatial thrusters	Hosein Ebrahim (Department of Chemical Engineering, Faculty of Petroleum and Chemical Engineering, Science and Research Branch, Islamic Azad University)	C75
Oxidative desulfurization of oil model in the presence of modified polyoxometalate hierarchical Y zeolite	<u>Hannaneh Jabbari</u> , Maryam Moosavifar* (Department of Chemistry, Faculty of Science, University of Maragheh)	C76
Egg-White Derived n-Doped Porous Carbon: as an Efficient Material for Dye Adsorption	Maryam Zirak (Department of Chemistry, Payame Noor University, Tehran)	C77
Preparation of nano mesoporous silica from horsetail plant and chemicals and comparison of their properties	<u>Zahra Shabestari Khiabani</u> , Maasoumeh Khatamian *, Soodabeh Davaran *, Sahar Porrhng, Azin Yavari (Department of Inorganic Chemistry, Faculty of Chemistry, University of	C78

	Tabriz)	
Metal-organic framework based on Zirconium Supported Acetate based Butylimidazolium Ionic Liquid as an Efficient Electrode in Electrochemistry	<u>Zahra Salehi Rozveh</u> , Vahid Safarifard, Morteza Moradi* (Department of Chemistry, Iran University of Science and Technology)	C79
Synthesis new type of dendritic fibrous nano silica functionalized with propyl-Hexamethylenetetramine and its applications as nano-absorbent and green nano-catalysis	<u>Zahra Sabri</u> *, Nasrin Shadjou*, Mehdi Mahmoudian* (Department of Nanotechnology, Faculty of Chemistry, Urmia University)	C80
Synthesis of Spirooxindole Compounds Under Ultrasonic Conditions Using MIL-53 (Cu) as a Porous Catalyst	<u>Hoda Mollabagher</u> *, Seyed Amir Hossein Seyed Mousavi, Salman Taheri (Department of Innovative Technologies, Faculty of Organic Chemistry, Chemistry and Chemical Engineering Research Center of Iran (CCERCI))	C81
Utilization of Copper-Based MOF as an Efficient Catalyst for One-Pot Synthesis of Benzophenazine Compounds	<u>Hoda Mollabagher</u> *, Seyed Amir Hossein Seyed Mousavi, Salman Taheri (Department of Innovative Technologies, Faculty of Organic Chemistry, Chemistry and Chemical Engineering Research Center of Iran (CCERCI))	C82
Adsorptive removal of aromatic amines from contaminated water using Cu ²⁺ -impregnated zeolite 4A	Siamak Zavareh*, <u>Fatemeh Hoseinzadeh</u> (Department of Chemistry, Faculty	C83

	of Science, University of Maragheh)	
Kaolin Modified with Ni and Fe as an Effective Catalyst in the Oxidative Desulfurization Process	<u>Saba Mohammadi</u> , Maryam Moosavifar* (Department of Chemistry, Faculty of Basic Sciences, University of Maragheh)	C84
Quantitative analysis and determination of alpha and beta $[PbO]_2$ phases in the positive paste of lead-acid batteries	<u>Arian Amini</u> , Mojgan Zendehtdel* (Department of chemistry , Faculty of Science , Arak University)	C85
Modification of bentonite with $MoO_3/CuO/Fe_2O_3$ in the oxidative desulfurization process	<u>Fatemeh Derikvand</u> , Maryam Moosavifar* (Department of Chemistry, Faculty of Basic Sciences, Maragheh University)	C86
Copper-complex anchored on SBA-15 for O-Arylation of Phenols via the Ullmann Reaction	<u>Fatemeh Ghahramani</u> *, Yagoub Mansoori (Department of Applied Chemistry, Faculty of Science, University of Mohaghegh Ardabili)	C87
Distributed energy storage system, photovoltaic generation and loads for an active power regulation	Mohammad Reza Mohammadiyan Asiabar (Department of Electrical Engineering, Faculty of Mechatronics, Islamic Azad University, Karaj Branch)	C88
$TiO_2/CeCoO_3/PMO$ -IL nanohybrid has impressive photocatalytic activity toward the selective production of aldehydes when exposed to a visible LED light source	<u>Arefeh Ahadi</u> , Sajjad Mohebbi* Mahdieh Ghobadifard (Department of Chemistry, Faculty	C89

	of Sciences, University of Kurdistan)	
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Section D: 18 Shahrivar (8 September) 15:45 – 16:30		
High porous carbon foam fabrication as energy storages	<u>Hamed Ghesmati</u> , Karim Kakaei*, Sina Taleb Akbarzadeh (Department of Chemistry, Faculty of Science, University of Maragheh)	D91
Effective Synthesis of Cyclocarbonates via Solvent-Free CO ₂ Fixation with Perlite/SbCl ₃ Catalyst under Low Pressure Conditions	Farshid Eskandari*, <u>Zahra Rafiee Atani</u> (Department of Research and Development, Alvand Metal Chemistry Company, Qazvin)	D92
Perlite-Based Composite: A Promising Material for Industrial Insulation Applications	Farshid Eskandari*, <u>Zahra Rafiee Atani</u> (Department of Research and Development, Alvand Metal Chemistry Company, Qazvin)	D93
Perlite: A Sustainable and Multifunctional Exfoliant for the Cosmetic Industry	Farshid Eskandari*, <u>Zahra Rafiee Atani</u> (Department of Research and Development, Alvand Metal Chemistry Company, Qazvin)	D94
Manufacturing and innovation of edible food coatings by alginate enriched with anthocyanin, chitosan nanoparticles	<u>Kambiz alipour</u> , Marziyeh Piriyaeei, Mehdi Abolghasemi (Department of Chemistry, Faculty of Basic Sciences, Maragheh)	D95

	University)	
Influence of the water content on X-ray fluorescence scanning measurements in Zeolites	<u>Seyed Ali Hosseini</u> *, Samaneh Momen Qazvini, Amir Ali Hosseini, Azam Samiei, Sajad habibzadeh (Behdash Chemical Company, Qazvin)	D96
The investigation On SWCNTs as highly performance carriers in drug delivery systems of Tin(IV) drivaties by DFT method	A.Sobhanmanesh (Department of Chemistry, Neyriz Branch, Islamic Azad University)	D97
Hierarchical beta zeolite modified with cobalt oxide as an effective catalyst in the Beckman rearrangement	<u>Mohammad Yar Mohammad Zahi</u> *, Maryam Moosavifar (Department of Chemistry, Faculty of Science, University of Maragheh)	D98
Enhancing the Performance of SAPO-34 Catalyst via Customized Structure-directing Agents: Polyethylene Glycol and Morpholine	<u>Ali Pourian</u> , Mona Torabi, Sajjad Habibzadeh (Surface Reaction and Advanced Energy Materials Laboratory, Faculty of Chemical Engineering, Amirkabir University of Technology (Tehran Polytechnic))	D99
Synthesis of mesoporous Zn-MOFs based on pyrazole flexible ligands: application to electrocatalytical oxidation of methanol	Biuck Habibi*, Moayad Hossaini Sadr, <u>Ali Pashazadeh</u> *, Sara Pashazadeh, Younes Bahadori (Electroanalytical Chemistry Laboratory, Department of Chemistry, Faculty of Sciences, Azarbaijan Shahid Madani University)	D100

A Facile electrochemical and chemical Synthesis of Nickel–Cobalt Metal Organic Frameworks on Layered double hydroxides Nanosheets	Biuck Habibi*, Moayad Hossaini Sadr, <u>Ali Pashazadeh*</u> , Sara Pashazadeh, Younes Bahadori (Electroanalytical Chemistry Laboratory, Department of Chemistry, Faculty of Sciences, Azarbaijan Shahid Madani University)	D101
Construction of Metal Organic Framework Based Layered Double Hydroxides for the Electrochemical Sensitive Detection of Antithyroid Drug	Biuck Habibi, <u>Sara Pashazadeh*</u> , Ali Pashazadeh (Electroanalytical Chemistry Laboratory, Department of Chemistry, Faculty of Sciences, Azarbaijan Shahid Madani University)	D102
Fabrication of Ultrastable Porous Covalent Organic Framework/metal organic framework Assembled graphene quantum dots for the Sensitive Detection of antineoplastic drug	Biuck Habibi*, <u>Sara Pashazadeh*</u> (Electroanalytical Chemistry Laboratory, Department of Chemistry, Faculty of Sciences, Azarbaijan Shahid Madani University)	D103
Fabrication of ZIF-67 functionalized silica nanoparticles-covered graphene oxide nanohybrids modified carbon paste electrode as a highly sensitive electrochemical sensor for antipyretic drug	Younes Bahadori*, Sara Pashazadeh, Biuck Habibi, Ali Pashazadeh (Electroanalytical Chemistry Laboratory, Department of Chemistry, Faculty of Sciences, Azarbaijan Shahid Madani University)	D104

Construction of electrochemical sensor for detection of non-steroidal anti-inflammatory drug based on metal organic frameworks/Cu/Al Layer double hydroxides/graphene oxide	<u>Younes Bahadori*</u> , Sara Pashazadeh, Biuck Habibi, Ali Pashazadeh (Electroanalytical Chemistry Laboratory, Department of Chemistry, Faculty of Sciences, Azarbaijan Shahid Madani University)	D105
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Green synthesis of nitrogen doping carbon foam for oxygen reduction reaction	<u>Sina Taleb Akbarzadeh</u> , Karim Kakaei*, Hamed Ghesmati (Department of Chemistry, Faculty of Science, University of Maragheh)	D107
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