

21<sup>st</sup> ICS International Chemistry Congress

# Poster Presentation Program

SESSION

**A**

July 26, 2022  
16:30- 17:30

۴ مرداد

SESSION

**B**

July 27, 2022  
10- 11

۵ مرداد

SESSION

**C**

July 27, 2022  
16:30- 17:30

۵ مرداد

SESSION

**D**

July 28, 2022  
10- 11

۶ مرداد

Poster Number	Article Code	Presenter Name	Title	Presenting Group
1	icc21-1604	Sahar Bagheri	A one-pot four-component approach to synthesis of ethyl methacrylate[1,2-b]pyrrol-4-one derivatives	A
2	icc21-1606	Sahar Bagheri	A one-pot four-component approach to synthesis of novel epiminoethano-indeno[1,2-b]naphtho[1,8-ef][1,4]diazepin-12-one derivatives	A
3	icc21-1803	Mina Taheri-Torbati	C-C Coupling Reaction of Ketones with Alcohols in the Presence of Nickel Nanocatalyst	A
4	icc21-1003	Maryam Youseflu	Novel Schiff Bases with Diamondoid Adamantane Moiety	A
5	icc21-1004	Tayebe Talebi Meymand	Synthesis of 2, 2, 2-trifluoro-1- (2-(2-oxo-2-phenylethyl) - 1H-benzo [d] imidazole-5-yl) ethane-1-one	A
6	icc21-1005	Elham Asadi	Synthesis and Application of Metal Organic Framework based on High Nitrogen Ligand 4,5-Di(1H-tetrazole-5-yl)-2H-1,2,3-triazol (H3dttz) for Removal of A Hazardous Azo dye (Basic Red 46) from Aqueous	A
7	icc21-1006	Elham Asadi	Synthesis and Characterization of 5,5'-Bistetrazole in the Presence of Inorganic Catalyst	A
8	icc21-1007	Nesa Haghgoo	Study on the synthesis of chromene-indole and pyridopyrimidine-indole hybrids as biologically active structural frameworks	A
9	icc21-1022	Elham Aghaghafari	Synthesis and characterization of amphiphilic invertible polyurethane	A
10	icc21-1027	Navid Ghorbani Dehshal	Study on an innovative synthesis of thiazole-5-one using magnetic supported copper nanocatalyst	A
11	icc21-1028	Shadi Asgari	A Temperature-sensitive Nanofibrous-based Hydrogel Thin Film for Breast Cancer Therapy	A
12	icc21-1029	Shadi Asgari	An Antibacterial Nanofibrous Mat Based on Copper-based Metal Organic framework-embedded Polyacrylonitrile	A

13	icc21-1034	Mehdi Vojoudi Fakhreznhad	Polydopamin and Poly(2-hydroxy ethylmethacrylate) coating on silicon surfaces for medical devices applications	A
14	icc21-1037	Fatemeh Deldar	Synthesis of Oxazine derivatives under mixed metal oxide magnetic nanocatalyst	A
15	icc21-1039	Sarah Poormoradkhan melal	Use of povidone-iodine as an efficient catalyst in the one-pot oxidative cyclization of new 1,2,4-triazolo[4,3-a]pyridine derivatives	A
16	icc21-1057	Mustafa Manouchehri Saber	Tandem and oxidative synthesis of oxazolines and benzoxazoles from Aminoalcohols and different aldehydes using potassium cyanide	A
17	icc21-1222	Mina Abkar Aras	Efficient Synthesis of Adamantane-Containing Thioureas with Potential Anti-cancer Activity	A
18	icc21-1453	Saiedeh Abedinpour	Synthesis of Molybdenum-graphene Nanocomposites as an Efficient Catalysist of Nitroarenes Reduction	A
19	icc21-1068	Saiedeh Abedinpour	Synthesis of Molybdenum disulfide-based Nanocomposites as Lubricant Additives	A
20	icc21-1089	Solmaz Masoudi	Poly (N-vinyl imidazole) nanocomposite hydrogels as an efficient Acid dyes and Ni(II) ion adsorbent from aqueous systems	A
21	icc21-1090	Solmaz Masoudi	Antibacterial and cytotoxicity evaluation of poly (N vinyl imidazole)/ graphene oxide nanocomposite hydrogels	A
22	icc21-1091	Haniyeh Farrokhi	Synthesis and characterization of melamine-based porous polyamides	A
23	icc21-1379	Zahra Panahi	Synthesis of 1,4-Dihydropyridine derivatives Incorporating the Adamantane Motif	A
24	icc21-1100	Omid Amiri	Surface modified silica-coated manganese ferrite nanoparticles as efficient adsorbents for heavy metal removal from wastewater	A
25	icc21-1105	Afat Huseynova	Novel 1,2-aminopropanthiols substituted derivatives as selective carbonic	A

			<b>anhydrase,acetylcholinesterase and <math>\alpha</math>-glycosidase enzymes inhibitors</b>	
<b>26</b>	<b>icc21-1115</b>	<b>Sedighe Darini</b>	<b>Synthesis of 5-((1-H-Tetrazol-5-yl)-2-aminophenyl) methanol) as novel fluorescent dye</b>	<b>A</b>
<b>27</b>	<b>icc21-1119</b>	<b>Seyedeh Bahareh Azimi</b>	<b>Doped-boron nitride nanostructures as a potential removal of rimantadine from environment: A DFT study</b>	<b>A</b>
<b>28</b>	<b>icc21-1124</b>	<b>Kosar Sadat Hoseinia</b>	<b>Magnetic Mesoporous Organosilica Nanoparticle with Pyridine-Dicarboxamide Units: Application as Catalyst Support for CO<sub>2</sub> Fixation</b>	<b>A</b>
<b>29</b>	<b>icc21-1126</b>	<b>Sanaz Asgarloo</b>	<b>Efficient CO<sub>2</sub> Fixation Catalyzed by Ionic Liquid Supported on the Magnetic Yolk-Shell Mesoporous Silica</b>	<b>A</b>
<b>30</b>	<b>icc21-1130</b>	<b>Maryam Salahvarzi</b>	<b>A new strategy to intercalate metal particles between two-dimensional polymers</b>	<b>A</b>
<b>31</b>	<b>icc21-1155</b>	<b>Fatemeh Fazelinia</b>	<b>Use of magnetic recyclable bionanocomposite catalysts in the synthesis of benzo[g]thiazolo[3,2-a]quinolines based on nitroketene acetal</b>	<b>A</b>
<b>32</b>	<b>icc21-1156</b>	<b>Abbas Madhi</b>	<b>UV resistant Smart UV-curable Polyurethane Acrylate Nanocomposite Reinforced with Graphene Quantum Dots</b>	<b>A</b>
<b>33</b>	<b>icc21-1158</b>	<b>Atefeh Sabzevari</b>	<b>Preparation and characterization of hydrogel based on graphene and chitosan for waste water treatment</b>	<b>A</b>
<b>34</b>	<b>icc21-1166</b>	<b>Sara Taheri</b>	<b>Wastewater Treatment by Phytoremediation in constructed wetlands as a green technology</b>	<b>A</b>
<b>35</b>	<b>icc21-1168</b>	<b>Sara Taheri</b>	<b>Removal of heavy metal ions in industrial wastewater using Graphene oxide–ferro oxide nanocomposites</b>	<b>A</b>
<b>36</b>	<b>icc21-1169</b>	<b>Majid Razegi</b>	<b>Preparation of anti-corrosion and wear resistant nanocomposites using the graphene oxide functionalized with metal elements</b>	<b>A</b>

37	icc21-1170	Maedeh Abbassi kisomi	Green synthesis of substituted thiazine derivatives using an efficient Cadmium nanocatalyst	A
38	icc21-1171	bSoraya Marami Kahriz	Preparation of Nanocomposites Based on Reduced Quantum Dot Graphene with Some Elements and Its Study in the Removal of Water Pollutants	A
39	icc21-1172	Nazila Vahid Mahdinia	Preparation of Some New Macrocycle as Nano machine	A
40	icc21-1185	Kimia Kiani	Bio-based epoxy thermosets of vanillin-derived epoxy monomer: effect of epoxy monomer functionality on thermal properties	A
41	icc21-1186	Kimia Kiani	Study on thermal properties of synthesized vanillin-based epoxy thermoset resins: effect of different hardener	A
42	icc21-1192	Mahya Moghadam	Cu-doped into porous-hollow carbon spheres derived from soybean waste; as an efficient nanocatalyst for the Synthesis of 1,2,3-Triazole Derivatives	A
43	icc21-1193	Alireza Maleki	Preparation of Magnetic Superabsorbent Nanocomposites Based on Reduced Graphene Oxide with some Metal Elements in order to Remove Lead from the Environment	A
44	icc21-1194	Amir Mohamad Taherkhani	Green Synthesis of Chromeno[2,3-d]pyrimidines with GO-SO <sub>3</sub> H catalyst	A
45	icc21-1195	Ghazale Anvarian	Boosting the quaternary ammonium halides catalyzed CO <sub>2</sub> coupling with epoxides on the hollow mesoporous silica sphere	A
46	icc21-1496	Parisa moshfegh monazah	BiFe <sub>2</sub> O <sub>4</sub> @SiO <sub>2</sub> @n-pr@amido sulfuric acid MNPs: a novel, green, and efficient heterogeneous magnetic nanocatalyst for the synthesis of f bis-coumarins and tetrahydrobenzo[b]pyran derivatives	A
47	icc21-1204	Hamid Vahidifar	Synthesis of Novel Propranolol Derivative Incorporating a Diamondoid Adamantane Motif	A

48	icc21-1213	Fatemeh Javadi Parapari	Application of Magnetic Iron Oxide Nanoparticles Modified with GQD/Cu-Ni for Controlled Release of the Anticancer Drug Methotrexate	A
49	icc21-1214	Fatemeh Javadi Parapari	Preparation of Magnetic Iron Oxide Nanoparticles Modified with GQD/Cu-Ni	A
50	icc21-1215	Mohadese Masoudi	Effect of silica nanoparticles on shear strength of moisture curing silyl-modified polyether sealant	A
51	icc21-1216	Mohadese Masoudi	The effect of mixing ratio hardener to polymer on shear strength and percentage of elongation in the formulation of two-component adhesives based on MS polymer	A
52	icc21-1059	Khadijeh Emamirad	Conductive electrospun nanofibers based on PVA/graphene/cellulose nanocrystals as wound healing	A
53	icc21-1223	Tohid Nouri	Mesoporous silica nanoparticle supported iron catalyst for CO <sub>2</sub> cycloaddition to epoxides	A
54	icc21-1224	Sadegh Joudian	Coupling of CO <sub>2</sub> with Epoxides by Periodic Mesoporous Organosilica with Ionic Liquid Frameworks under Solvent and Metal-Free Conditions	A
55	icc21-1228	Ali Shiri	Synthesis and characterisation of 2-Alkoxy-8-methyl-6-(pyrrolidin-1-yl)-4H-[1,2,4]triazolo[5,1-f]purine: A novel heterocyclic framework	A
56	icc21-1229	Sedigheh Sheikhi-Mohammareh	Synthesis of new derivatives of a novel [1,3]selenazolo[5,4-e][1,2,4]triazolo[1,5-c]pyrimidine heterocyclic architecture via Dimroth rearrangement	A
57	icc21-1234	Pardis Shirdast	Room Temperature and Metal-Free Thiocyanation of Aromatic Heterocycles and Enamines	A
58	icc21-1238	Hossein Torabi	Synthesis of ZnGlu MOF/Mesoporous Silica SBA-16: as an Eco-Friendly Highly Efficient Nanocomposite for Solvent-Free Chemical Fixation of Carbon Dioxide with Epoxides	A

59	icc21-1240	Vahid Fooladi	Synthesis of Phosphoroamidates via Atherton–Todd Reaction under oxidative Conditions	A
60	icc21-1245	Atefeh Sabzevaria	Preparation and characterization of hydrogel based on graphene and chitosan	A
61	icc21-1247	Mohammad Reza Vafa	Design, synthesis and molecular docking simulation of new quinazoline derivatives as potential anticonvulsant agent	A
62	icc21-1252	Sona Khodabandlou	Synthesis, characterization and biological evaluation of 1,2,4-oxadiazole derivatives containing kojic acid moiety	A
63	icc21-1258	Iman Farzanezhad	Utilization of phenyl isothiocyanate for the synthesis of multi-functionalized derivatives of 4-imino-7-cyano-3-phenyl-6-(pyrrolidin-1-yl)-2-thioxo-1,2,3,4-tetrahydro-selenopheno[3,2-d]pyrimidine	A
64	icc21-1269	Fatemeh Mirzaeian	Synthesis of benzimidazoles by Ni-catalyzed hydrogen transfer reduction of nitroarenes with alcohols	A
65	icc21-1131	Maryam Salahvarzi	Synthesis of two-dimensional polymers based on the triazine structures	A
66	icc21-1275	Mansour Binandeh	A green method for confirming the Sonogashira reaction with magnetic nanoparticles	A
67	icc21-1582	Saeed Ghasemi Laki	SO <sub>3</sub> H-functionalized magnetic graphene oxide: A green and recyclable heterogeneous catalyst for N-formylation of amines	A
68	icc21-1001	Vahideh Ezzati-Majidabad	Synthesis of Fe <sub>3</sub> O <sub>4</sub> /polyaniline nanoparticles as an MRI contrast agent	A
69	icc21-1002	Vahideh Ezzati-Majidabad	Synthesis of Fe <sub>3</sub> O <sub>4</sub> /MIL-100(Fe) nanoparticles as an MRI contrast agent	A
70	icc21-1008	Azam Samiei	A New Approach to Calibration Methodology of WD_XRF Applied in Elemental Analysis of Zeolite Compounds with High Accuracy and Precision	A
71	icc21-1015	Elhameh Saeb	A novel and facile synthesis of TiO <sub>2</sub> /PANI/Au NPs as a new	A

			substrate for high sensitive and selective Hydrazine sensor	
72	icc21-1030	M. Ghaemi	Potentiometric Ferric measurement by using solid-state sensor based on carbon nano tube and N- ((bis (dimethyl amino) methylene) carbamothiol) benzamide	A
73	icc21-1040	Mir Hadi Banan Khojasteh	Electrocatalytic performance of nanostructured MgFe-LDH for determination of vitamin B6	A
74	icc21-1043	Azam Ghavi	Paraquat herbicide removal in aqueous solution using some advanced oxidation processes	A
75	icc21-1044	Azam Ghavi	Pirimicarb insecticide removal using advanced oxidation processes	A
76	icc21-1046	Yeganeh Farnood	Efficiency of powder activated carbon magnetized by iron magnetic nanoparticles coated with lignin for ofloxacin antibiotic removal from hospital wastewater	A
77	icc21-1050	Rozita Foulady-Dehaghi	Efficiency of powder activated carbon magnetized by iron magnetic nanoparticles coated with lignin for ofloxacin antibiotic removal from hospital wastewater	A
78	icc21-1053	Rozita Foulady-Dehaghi	Photo-assisted removal of CR and BR46 dye contaminated waste water via a new MT-COF/Cu-MOF nanohybrid	A
79	icc21-1058	Alireza Dasi	Bi <sub>2</sub> Te <sub>3</sub> decorated on graphitic carbon nitride nanosheets as a electrochemical sensor for determination of epinephrine in biological and pharmaceutical samples	A
80	icc21-1063	Mohsen Aghaziarati	Electrodeposited histidine-layered double hydroxide nanosheets composed with carbon dot as coating for in-tube solid phase microextraction of chlorophenols from waters, juices, and honey samples	A
81	icc21-1074	Mohammad Vazan	Electrochemical Determination of Paracetamol Using Carbon Paste	A



			<b>Modified Electrode With MoO<sub>3</sub> nanobelt-graphene composite</b>	
82	icc21-1081	Elahe Mobedi	<b>Preparation and Application of a Nano-composite Based on Clinoptilolite Zeolite in Magnetic Solid-phase Extraction of Triptorelin from Biological Samples</b>	A
83	icc21-1082	Milad Asadi	<b>Application of copper chloride modified copper electrode for electrocatalytic oxidation of ethylene glycol</b>	A
84	icc21-1104	Motahareh Alimohammadi	<b>An accurate simple fluorimetric method for determination of asparaginase enzyme concentration</b>	A
85	icc21-1107	Abdollah Abdollahi-Aghdam	<b>Microfluidic-based analysis of organophosphate insecticides by miniaturized electrochemical detection system;</b>	A
86	icc21-1121	Z. Norouzi	<b>Facile Synthesis of Ni(OH)<sub>2</sub> Nanorods through Electrodeposition Method for Supercapacitor Electrode Application</b>	A
87	icc21-1122	Z. Norouzi	<b>NiCo<sub>2</sub>O<sub>4</sub> Nanosheets through a Facile Electrodeposition Method for Application in Supercapacitor Electrode Material</b>	A
88	icc21-1125	Nazir Fattahi	<b>pH-switchable hydrophobic deep eutectic solvent-based liquid phase microextraction for the extraction of phosalone and chloropyrifos in water samples</b>	A
89	icc21-1135	Hossein Ashrafi	<b>Synthesis and application of heteroatom doped graphite as the electrode material: The influences of defect density and heteroatom on heterogeneous electron transfer rate</b>	A
90	icc21-1137	Yeganeh Farnood	<b>Removal of nalidixic acid antibiotic by iron magnetic nanoparticles coated with lignin from hospital wastewater</b>	A
91	icc21-1142	Fariba. Beigmoradi	<b>Electroanalytical Determination of Malathion in Grapes Juice Samples using Molecularly Imprinted Polymer based on</b>	A

			<b>GQDs Modified Carbon Paste Electrode</b>	
92	icc21-1143	<b>Fariba. Beigmoradi</b>	<b>A dual-template imprinted polymer electrochemical sensor based on GQDs for simultaneous determination of carbendazim and malantione</b>	<b>A</b>
93	icc21-1149	<b>Khalil Nagiyev</b>	<b>Determination of micro quantities of iron in fruits, after preliminary concentration by chelate-forming sorbent</b>	<b>A</b>
94	icc21-1150	<b>Khalil Nagiyev</b>	<b>Mixed-ligand complexes of some metals with 2,2',3,4-tetrahydroxy-3'-sulfo-5'-nitroazobenzene and hydrophobic amines</b>	<b>A</b>
95	icc21-1151	<b>Hossein Ashrafi</b>	<b>Accelerating Surface Photoreactions by using MoS<sub>2</sub>-FeS<sub>2</sub> Nanoadsorbents: Photoreduction of Cr(VI) to Cr(III) and Photodegradation of Methylene Blue</b>	<b>A</b>
96	icc21-1154	<b>Sara Karami</b>	<b>Huge emission red-shift of carbon nanodots by azo doping and its applications for red cell imaging and skin wound healing</b>	<b>A</b>
97	icc21-1157	<b>Saeed Pourhosseini</b>	<b>Eco-friendly approach for effective extraction and determination of antifungal drugs using electrospun Mg-Al-SDS LDH</b>	<b>A</b>
98	icc21-1160	<b>Shahin.Tofang darzadeh</b>	<b>Dairy industry wastewater treatment by amine Functionalized magnetite iron oxide nanoparticles by photo-degradation method</b>	<b>A</b>
99	icc21-1161	<b>Arman sharifi</b>	<b>Preconcentration of Pb(II) by magnetic MOF prior to graphite furnace atomic absorption spectrometry determination</b>	<b>A</b>
100	icc21-1162	<b>Mitra Zargarian</b>	<b>Convergent paired electrocatalytic strategy to improve degradation of nitroaromatic compounds by engineered mixed metal oxide anodes</b>	<b>A</b>
101	icc21-1163	<b>Arman sharifi</b>	<b>Preconcentration of trace amount of As (III) ions with magnetic metal-organic frameworks</b>	<b>A</b>

			(MOFs) and determination by Graphite furnace atomic absorption spectrometry	
102	icc21-1164	Seyedeh Sara Nasrollahi	Green dispersive solid-phase microextraction of melamine using crosslinked $\beta$ -cyclodextrin with citric acid followed by HPLC-UV	A
103	icc21-1165	Samira As'adi Harab	Designing chemical sensors using silica inverse opal photonic crystals	A
104	icc21-1167	Sepideh Amjadi	Electrocatalytic determination of Uric Acid by CdS-CoFe <sub>3</sub> O <sub>4</sub> magnetic nanocomposite modified GCE	A
105	icc21-1176	Negar Sabahi Moosavi	Synthesis and application of nanofiber yarns of MXene composite in packed in-tube solid phase microextraction of beta-blockers residue from biofluids	A
106	icc21-1179	Kobra Mardi	An easy spectrophotometric method for simultaneous determination of nitroglycerin and nitrocellulose in solid rocket propellants	A
107	icc21-1189	Sahar Ghadimipour	Electrochemical sensor based on a surface-imprinted polymer-modified electrode for rapid and sensitive detection of S. aureus	A
108	icc21-1200	Zahra Samadzadeh	A highly sensitive and selective electrochemical determination of anticancer drug 5-fluorouracil based on an electrochemically activated disposable graphite rod electrode	A
109	icc21-1218	Mahsa Mohammadi	Biomass-Inspired Blue-Emissive N, S-Self Codoped Carbon Quantum Dots: An Efficient Fluorophore for Selective and Sensitive Detection of Nitrite Ion in Water with impressive Multi-biological Capabilities	A
110	icc21-1220	Nafiseh Bagheri	Microchip-solid phase extraction device for simultaneous extraction of fluoroquinolones using a new 2D-metal organic framework adsorbent followed by liquid chromatography-	A

			tandem mass spectrometry detection	
111	icc21-1221	Majid Rashidi	Size determination of silver nanoparticles based on surface plasmon resonance using smartphones	A
112	icc21-1227	Zahra Saeedinia	Synthesis and chemical modification of magnetic adsorbents from plant sources and their use to remove EDTA from aqueous solution	A
113	icc21-1235	Mohammad Sarafraz Khalifelo	3D-QSAR study on the DYRK1A inhibitors by CoMFA and CoMSIA methods and design of new compounds for treatment of diabetes	A
114	icc21-1243	Mahsa Samadifar	Microextraction by packed sorbent of selective and non-selective $\beta$ -blocker drugs with chitosan@mof-199 bio-composite in human saliva, plasma, and urine samples	A
115	icc21-1250	Asma Ahadi Mogaddam	3D-QSAR study on CB2 receptors as analgesics and anti-inflammatory compounds	A
116	icc21-1251	Maryam Ostadebrahim	Synthesis and characterization of LaNiO <sub>3</sub> nanoparticles and its application in the hydrogen storage	A
117	icc21-1256	Amina Ben Ayed	Easy Applicable Solid Phase Extraction and Determination Method for Chloramphenicol Residues in Milk Samples	A
118	icc21-1463	Amina Ben Ayed	Sensitive Analysis Duloxetine Molecules as an Antidepressant Drug by Using HPLC-DAD System	A
119	icc21-1261	Nazir Fattahi	Determination of lead in vegetables and soil samples irrigated with treated sewage using deep eutectic solvent followed by GFAAS	A
120	icc21-1266	Ali Keshavarz	Utility of Co and Ni incorporated graphitic carbon nitride (Co-Ni@g-C <sub>3</sub> N <sub>4</sub> ) towards high performance supercapacitor application	A
121	icc21-1286	Alireza shirmahi	Application of a metal nanocomposite in pre-	A

			concentration of heavy metals from aqueous samples using flame atomic absorption spectroscopy	
122	icc21-1288	Mehrnaz Shahi	Application of a new synthesized eutectic solvent for the extraction of $Co^{2+}$ and $Ni^{2+}$ in aqueous samples using flame atomic absorption spectroscopy	A
123	icc21-1289	Saba Bagheripour	Synthesis of pencil graphite electrode modified with molecularly imprinted polymer for detecting vitamin B6 in various aqueous samples	A
124	icc21-1291	Parisa Kamandi	Determination of venlafaxine drug in aqueous samples using a modified pencil graphite electrode with molecularly imprinted polymer	A
125	icc21-1297	Ziba Shafaghi	Removal of Congo Red Dye from Aqueous Solutions by GO-CTAB Nanocomposite	A
126	icc21-2076	Foujan Falaki	Supra Molecular Solvent as Novel Liquid Phase in dye removal	A
127	Icc21-1371	Farzaneh Rahimpour	Ultra-high conductive Inorganic quasi solid state electrolyte containing Li ion	A
128	icc21-1010	Marziyeh Sadat Masoumpour	Theoretical study on the dynamics of the reaction of $CO(1\Sigma^+)$ with $OH(2II)$	A
129	icc21-1011	Marziyeh Sadat Masoumpour	A theoretical study on the dynamics of $C(3P_j) + H_2S(1A_1)$ Reaction on an interpolated potential energy surface	A
130	icc21-1016	Ayda Ghary Haghigat	Investigation of Self-Association phenomena of Oxazine 720 in Aqueous Fructose solutions	A
131	icc21-1032	M. Rezaei Sameti	The DFT, AIM, NLO study of Sulfacetamide drug interaction with C24 nanocage	A
132	icc21-1033	M. Rezaei-Sameti	The interaction of 5 Flucytosine drug with B12N12 nanocage: A DFT, TD-DFT study	A
133	icc21-1051	Nasrin Jabbarvand Behrooz	Thermodynamic Properties of Ternary Thiophene + Ionic liquid + Hexane or Cyclohexane Solutions at 298.15 K	A

134	icc21-1052	Nasrin Jabbarvand Behrooz	Molecular Interaction Studies of Volumetric Properties in Ternary Mixtures of Thiophene + Toluene / n-Hexane + Ionic liquid ([EMIM]EtSO <sub>4</sub> / [HMIM]Br / [BMIM]PF <sub>6</sub> / [MMIM]MeSO <sub>4</sub> ) at 298.15 K	A
135	icc21-1085	Peyman Mohammadzadeh Jahani	Application of Europium nanocomposite to fabrication of nanosensor for detection antidepressant drugs	A
136	icc21-1086	Peyman Mohammadzadeh Jahani	Fabrication of biosensor by GO/Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanostructures and ionic liquid to measure gastrointestinal drugs	A
137	icc21-1430	Peyman Mohammadzadeh Jahani	Application of Modified screen-printed Electrode as Electrochemical Detector for anti cough drugs	A
138	icc21-1431	Peyman Mohammadzadeh Jahani	Application of MOWS <sub>2</sub> Nanocomposite to fabrication of biosensor for	A
139	icc21-1101	Parisa Mohammad-Jafari	Green synthesis of carbon dot from bio-source: A study of pH influence	A
140	icc21-1102	Parisa Mohammad-Jafari	Solvatochromic explains strong emission wavelengths of Carbon Dots	A
141	icc21-1118	Sadegh Afshari	Study of catalytic reaction of thiol and amine to sulfonamide on silicon carbide nanotubes: A DFT approach	A
142	icc21-1123	Tahereh Moradian	Isopiestic Investigations of the Interactions of Water-Soluble Polymers	A
143	icc21-1134	Parisa Ghasemi Ilkhechi	Study of conductivity for ammonium chloride in a mixture of water + acetonitrile using Fuoss-Justice model at 293.15 to 313.15 K	A
144	icc21-1182	Nader Molavi	Study of thermal and adverse reactions of lithium ion batteries	A
145	icc21-1871	Nader Molavi	Introduction and study of anodes (metal ions) in batteries and applications of nanotechnology in optimizing batteries	A
146	icc21-1191	Hossein Haghani	DFT Study of Ionic Liquids as electrolytes in Li-Battery	A

147	icc21-1201	Zahra Tabandeh	CO2 capturing by Cr-graphdiyne surface: a DFT-D2 computational study	A
148	icc21-1206	Khaled Hoseyni	Protonation states of titrable residues in Escherichia Coli Glyoxalase I	A
149	icc21-1212	Mehdi Dadkhah Tehrani	Experimental study on the calorimetric data of Cyclohexanol + Alkylamine (C4 and C6) at 303.15 K	A
150	icc21-1217	Fariba Karimzadeh	Isopiestic study on ternary polymer-polymer nonaqueous solutions	A
151	icc21-1246	Mahrokh Alizadehadad	Synthesis, Characterization and Improving Photocatalytic Properties of Cobalt Titanite Perovskite and Its Nanocomposites in Degradation of Persistent Organics dye	A
152	icc21-1248	Maryam Keshvarinezhad	Clouding behaviour of aqueous 1-butanol solutions in the presence of organic and inorganic ammonium salts	A
153	icc21-1257	Fatemeh Bahari	Soluting effect study in aqueous solutions composed of sugars and tetraalkylammonium salts	A
154	icc21-1271	Somayeh Naderi	Vapor-liquid equilibrium in aqueous systems composed of amino acids and quaternary ammonium salts	A
155	icc21-1013	A.M. Qasimova	Determination of thermodynamic parameters of lithium titanates	A
156	icc21-1014	Fidan IBRAHIMOVA	The determination and modeling of P-T-X phase equilibria in the Ag-Pb-Se and Ag-Pb-Te systems	A
157	icc21-1017	Mohsen Sayadi	Different coordination modes of ambidentate phosphorous ylde ligands in complexation with Pd/Pt-cyclopropa[60]fullerenes; Synthesis and Cytotoxic investigation	A
158	icc21-1018	Mohsen Sayadi	New asymmetric palladacycle complexes with P,P- and P,O-bidentate ligands; Synthesis, X-ray structural and catalytic application in Suzuki reaction	A
159	icc21-1023	Hanie Alizadeh	Crystal engineering and investigations on the N-oxide	A

			<b>effect of isocinchomeric acid in a new Mn(II) complex</b>	
<b>160</b>	<b>icc21-1024</b>	<b>Hanie Alizadeh</b>	<b>Investigation of coordination behavior of pyridine-2,5-dicarboxylic acid N-oxide and 1,10-phenanthroline toward zinc ion</b>	<b>A</b>
<b>161</b>	<b>icc21-1025</b>	<b>Samane Mohammadlou</b>	<b>Grafting and stabilization of manganese complex on kryptofix23 modified Fe<sub>3</sub>O<sub>4</sub>@carbon nanosphere: as highly efficient, reusable, and clean nanocatalyst for coupling xanthenes</b>	<b>A</b>
<b>162</b>	<b>icc21-1026</b>	<b>Samane Mohammadlou</b>	<b>Supramolecular Fe<sub>3</sub>O<sub>4</sub>@PEG/Murexide@Ni: a magnetic, novel, and reusable nanocatalyst for clean synthesis of benzothiazoles</b>	<b>A</b>
<b>163</b>	<b>icc21-1035</b>	<b>Kamellia Nejati</b>	<b>Synthesis and Characterization of Zn-Co-Layered Double Hydroxide Intercalated with Vanadate and Molybdate Anions as a More Efficient Electrocatalysts for Oxygen Evolution Reaction</b>	<b>A</b>
<b>164</b>	<b>icc21-1042</b>	<b>Marziyeh Sadat Hosseini</b>	<b>Synthesis, characterization, and antibacterial application of curcumin-nicotinoyl chloride derivative and its copper complex</b>	<b>A</b>
<b>165</b>	<b>icc21-1054</b>	<b>Mehdi Simiari</b>	<b>Characterization and optical properties of nano-micro structure VO<sub>2</sub>/WO<sub>3</sub> composite</b>	<b>A</b>
<b>166</b>	<b>icc21-1055</b>	<b>Bahareh Madlou</b>	<b>Template synthesis of a nickel(II)/Schiff base complex: spectral and structural studies</b>	<b>A</b>
<b>167</b>	<b>icc21-1056</b>	<b>Bahareh Madlou</b>	<b>Evaluation of the biological activities of a nickel(II) complex containing a schiff base ligand: docking toward DNA and Proteins</b>	<b>A</b>
<b>168</b>	<b>icc21-1060</b>	<b>Aydin Tavman</b>	<b>Synthesis, Characterization and Antimicrobial Activity of Some New Benzimidazolyl-phenols Including Halogens and Their Zn(II) and Pd(II) Complexes</b>	<b>A</b>



169	icc21-1067	Mojtaba Khanpour	Radiochromic Hydrogen-Bonded Organic Frameworks for X-Ray Detection	A
170	icc21-1080	Massoumeh Abbasi	Preparation and characterization of Chitosan/poly(maleic acid) Membranes as Adsorbents for Water Purification	A
171	icc21-1088	Elnaz sadeqi	Nanoferrites with Mg-Mn	A
172	icc21-1092	Zahra Yousefian	Preparation of MCM-41/ammonium salt as an efficient, novel, and reusable nanocatalyst and its catalytic application for clean synthesis of NH-tetrazole derivatives	A
173	icc21-1093	Paria Rafiei lak	Synthesis of CH-tetrazole derivatives in the presence of ammonium salt/MCM-41: a novel, efficient, high stable and reusable nanocatalyst	A
174	icc21-1097	Akbar Arkak	Complexation of a triazine ligand toward the nickel atom: Spectral, structural and docking studies	A
175	icc21-1106	Zahra Shamsi	The Impact of Phosphine Ligands on the Luminescence Properties of Cyclometalated Pt(II) Complexes: Photophysical and Theoretical Studies	A
176	icc21-1127	Milad naseri	Enhance catalytic performance of SAPO-34 by addition Simultaneous dried seed and PEG in Methanol To Olefins reaction	A
177	cc21-1132	Akbar Ghaemi	Syntheses, characterization and structural analysis of hetero-metallic trinuclear copper(II)–cadmium(II) complexes derived from a Salen-type ligand: Effect of counteranions on the structure	A
178	icc21-1133	Akbar Ghaemi	Syntheses, characterization and structural determination of hetero-metallic dinuclear copper(II)–mercury(II) complexes derived from a Salen-type ligand	A
179	icc21-1146	Mahdieh Ghobadifard	Performance comparison of Ag <sub>2</sub> WO <sub>4</sub> and Ag <sub>2</sub> MoO <sub>4</sub> based on CoFe <sub>2</sub> O <sub>4</sub> as visible-light-driven heterogeneous photocatalysts	A

180	icc21-1159	Nahid Monajjemi	Novel Layered Organic-Inorganic Hybrid of Tungsten Oxide as Effective Catalysts in Oxidative Desulfurization of Model Fuel	A
181	icc21-1174	Fariba Khodadadeian	Preparation and characterization of MWCNT/NiFe <sub>2</sub> O <sub>4</sub> nanoparticles in the presence of deep eutectic solvents as a new sorbents: application in extraction of bisphenol A from aqueous samples	A
182	icc21-1175	Fariba Khodadadeian	Preparation and characterization of MWCNT/cobalt doped NiFe <sub>2</sub> O <sub>4</sub> nanoparticles functionalized by deep eutectic solvents as a magnetic sorbent; Application in extraction of morphine from urine samples	A
183	icc21-1180	Zahra Noori Oghoulbeyk	Synthesis and characterization of new nano organic-inorganic hybrid (TBA)PWF <sub>e</sub> and investigation of this catalyst activity in oxidative desulfurization	A
184	icc21-1181	Ehsan Harraf	Crystal structure and Hirschfeld surface analysis of a new Dy(III) complex	A
185	icc21-1183	Zahra Shoaibi	Introducing a new N4-donor oxazolidine/cadmium complex	A
186	icc21-1184	Zahra Shoaibi	Introducing a new N4-donor oxazolidine/cadmium complex	A
187	icc21-1087	Sana Yarahmadi	Oxidative addition of MeI to a Pt(II) complex: kinetic and theoretical elucidation	A
188	icc21-1202	Zeinab Ansari-Asl	Highly efficient adsorption of iodine by PAN/x%ZIF-8/Fe <sub>3</sub> O <sub>4</sub> beads	A
189	icc21-1203	Zeinab Ansari-Asl	Preparation, characterization, and biocompatibility study of Curcumin/Fe-MOF/PDMS porous scaffolds	A
190	icc21-1225	Marzieh Hamidzadeh	Alumina-supported SAPO-34 catalyst for methanol to olefins (MTO) conversion	A
191	icc21-1226	Monireh Ghorbanpour	Synthesis, characterization and nonlinear optical (NLO)	A

			properties of N, N- donor pyrazole based ligand and its nickel (II) complex	
192	icc21-1019	Maryam Dargahi	Cadmium Selenide quantum dot nanocomposite hydrogel based on carboxymethyl cellulose as a photocatalyst and adsorbent for removal of dye from water solution: kinetic and thermodynamic studies	A
193	icc21-1020	Maryam Dargahi	Kinetic study of doxorubicin drug release from nanocomposite hydrogels containing calcium phosphate entrapped in calcium alginate	A
194	icc21-1031	Rauf Foroutan	Removal of MB dye from aqueous solution using biochar prepared from orange peel	A
195	icc21-1036	Roya Roudbari	Synthesis of Magnetic Nanocomposite based on Metal Organic Framework (ZIF-8@SnO <sub>2</sub> @CoFe <sub>2</sub> O <sub>4</sub> ) as a Novel Adsorbent	A
196	icc21-1049	Maryam Bastanian	Oxidation of carboxymethyl cellulose with hydrogen peroxide in order to adsorb Cr (III) from tannery waste water	A
197	icc21-1079	Mohammad naderifar	Optimization of Sodium Sulfate Purification using Sodium Sulfide complexer and Hydrogen peroxide reagent based on the Taguchi method	A
198	icc21-1083	Fatemeh Keshtmand	Activated carbon synthesis from raisin production wastes and its application in methylene blue removal from aqueous media	A
199	icc21-1073	Saeedeh Toorchi Roudsari	Iodine Functionalized Magnetic Graphene as a New and Efficient Nanocatalyst for Acetylation of Sugar Derivatives	A
200	icc21-1147	Mahmood Hoshyar	Proteolysis of wheat gluten to enhance functional properties and compare different digestion methods	A
201	icc21-1148	Rauf Foroutan	Investigation of the kinetic behavior of methylene blue dye adsorption process from aqueous solution using bio-charcoal prepared from tea waste	A

202	icc21-1205	Parisa Yekan Motlagh	Synthesis of two-dimensional hematene nanosheets by exfoliation methods and its applications for photocatalytic degradation of tetracycline	A
203	icc21-1207	Parisa Yekan Motlagh	Synthesis of La-doped NiAl LDHs nanocomposite as a highly	A
204	icc21-1219	Bahareh Sajadifard	Fabrication of Cu <sub>3</sub> V <sub>2</sub> O <sub>7</sub> (OH) <sub>2</sub> /Polyvinyl alcohol based nanocomposite as a new conducting membrane for Low-temperature proton exchange membrane fuel cell	A
205	icc21-1231	Mahsa Haddad Irani-nezhad	Facile preparation of 2D-biotene by mild solvent thermal exfoliation process from biotite clay	A
206	icc21-1249	Amir Salimi	Synthesis of Nitrogen-Rich Graphitic Carbon Nitride by Thermal Treatment Method and its Use for Improving the Performance of Ultrafiltration Membranes	A
207	icc21-1264	Mahsa Haddad Irani-nezhad	Fabrication of polyethersulfone ultrafiltration membranes with simultaneously enhanced permeability and antifouling performance by impregnating with 2D-biotene	A
208	icc21-1312	Shakila Dehnadi	The inhibitive effect of naphthalene-based azo-azometin as corrosion inhibitor of mild steel in 0.1 M HCl solution: Design, performance and electrochemical studies	A
209	icc21-1038	Roya Moghimi	Synergistic antibacterial effects between the traditional antibiotics and the stable nanoemulsion of cinnamaldehyde and 1,8-cineol	A
210	icc21-1077	Masoumeh Sadeghi Nik	Physico-chemical properties and fatty acid profile of seed oil from Citrus aurantium L. comparison extraction methods	A
211	icc21-1110	Farzaneh Sedighi	Investigating and comparing the antioxidant potential and total phenolic	A

212	icc21-1111	Farzaneh Sedighi	Essential oil constituents of <i>Ziziphora tenuior</i> collected from Northwest of Iran	A
213	icc21-1112	Saeed Mollaei	Evaluation the antioxidant activity of <i>Myrtus communis</i> at different phenological stages	A
214	icc21-1113	Saeed Mollaei	Comparing the total phenolic and flavonoid contents of <i>Myrtus communis</i> at different phenological stages	A
215	icc21-1152	Milad Behroozi	Headspace-solvent microextraction with green solvent for determination the volatile compounds from <i>Artemisia absinthium</i>	A
216	icc21-1153	Milad Behroozi	Microwave assisted headspace single-drop microextraction for rapid analysis of volatile components from <i>Achillea eriophora</i> DC	A
217	icc21-1188	Tooba Abdizadeh	A density functional theory (DFT) calculation of the cinchonidine geometry as natural product	A
218	icc21-1353	Tooba Abdizadeh	Density functional theory study on the Epigallocatechin gallate natural product	A
219	icc21-1209	Saeed Hasankhani	Extraction, identification and analysis of active compounds in the <i>Rhus coriria</i>	A
220	icc21-1069	Melina Shadi	Interaction of Levodopa with boron nitride nanotubes as a drug delivery carrier	A
221	icc21-1084	Somayeh Ahmadi	Long-term proliferation and delayed senescence of bone marrow derived human mesenchymal stem cells on metformin co-embedded HA/Gel electrospun compositenanofibers	A
222	icc21-1128	Mohammad Salarvand	Synthesis of a novel benzene sulphonamide using functionalized lysin amino acid as a new antibacterial drug	A
223	icc21-1129	Mohammad Salarvand	Synthesis of a new benzenesulfonamide derivative based on amino acids as a new antibacterial drug	A

224	icc21-1208	Ayda Yari-Ilkhchi	Neuroprotective effects of modified graphene oxide on spinal cord injury	A
225	icc21-1210	Ayda Yari-Ilkhchi	Development of collagen-chitosan scaffold with graphene oxide for application in nerve tissue regeneration	A
226	icc21-1401	Sepideh Habibzadeh	Molecular Docking Study on the Antiitch Potential of Alpha-linolenic acid against Human G-Protein Coupled Receptor	A
227	icc21-1399	Sepideh Habibzadeh	Study the Antipyretic Activity of Bioactive Compounds of Ginger (Zingiber Officinale) Using Molecular Docking	A
228	icc21-1173	Nazila Vahid Mahdinia	Organizing the learning of chemistry lessons in students using the mind map method	A
229	icc21-1759	Nazila Vahid Mahdinia	The effect of using educational software on and memorizing the chemistry course of the second year of high school	A
230	icc21-1199	Tahereh haghi	The relationship between play and chemistry education	A
231	icc21-1211	Hassan Mahmoodi	Determine the density of liquids with a pycnometer and Hydrometer	A
232	icc21-1065	Mahmoud Hussein Hadwan	Simple and Precise Protocol to Assess Trypsin Activity in Biological Samples	A
233	icc21-1066	Lamia A Almashhedy	An Optimized Method to Estimate the Glutaminase Activity in Biological Samples	A
234	icc21-1072	Al-Zamely Oda Mizil Yasser	The Enzymatic and Non-Enzymatic Effects of Secretion Phospholipase A2 and Relationship with Some Anti-Oxidant and Vitamin D3 in Asthma Patients	A
235	icc21-1078	Al-Zamely Oda Mizil Yasser	Design of a Developed Optical System to Estimate the Activity of The Enzyme Superoxide Dismutase (SOD) by Optical Reaction	A
236	icc21-1390	Al-Zamely Oda Mizil Yasser	Effect of Magnetite Nanoparticles on Iron Deficiency Anemia	A

237	icc21-1392	Al-Zamely Oda Mizil Yasser	Effect of Caffeine and Chlorogenic acid on $\alpha$ -galactosidase Enzyme	A
238	icc21-2137	Akram Rahro	Construction, characterization and application of Fe <sub>3</sub> O <sub>4</sub> -Guanidine/GO-Guanidine as an efficient and recycle magnetic nanocatalyst for fabrication of Hantzsch 1,4-dihydropyridine derivatives	A
239	icc21-2138	Motahareh Noormohammadbeigi	In silico investigation of CaO nanocluster in lithium and sodium atom/ion batteries	A
240	icc21-2139	Shiva Moravejia	Electrodeposition of nickel-cobalt-selenide and lanthanum-selenide on nanocone substrate for high performance hybrid supercapacitors	A
241	icc21-2140	Roshanak Hariri	Design, synthesis and in vitro studies of novel 1,2,3-triazole-benzohydrazide hybrids as potent $\alpha$ -glucosidase inhibitors	A
242	icc21-2141	Marzieh Rahimi	Preparation of a new solid-phase microextraction fiber based on molecularly imprinted polymers for monitoring of phenobarbital in urine samples	A
243	icc21-2142	Marzieh Rahimi	Preparation of molecular imprinted polymer based on chitosan as the selective sorbent for solid phase microextraction of phenobarbital	A
244	icc21-2143	Marzieh Rahimi	A novel molecularly imprinted polymer based on tragacanth gum onto stainless steel wire for selective solid-phase microextraction of chrysophanol	A
245	icc21-2147	Seyedeh Somayeh Abaezadeh	Salen-Cu stabilized on the periodic mesoporous organosilica an efficient nanocatalyst for one-	A

			<b>pot synthesis of 2-amino-4,6-diphenylnicotinonitrile</b>	
<b>246</b>	<b>icc21-2148</b>	<b>Seyedeh Somayeh Abaezadeh</b>	<b>Synthesis of 6-amino-1-(2,4-dinitrophenyl)-3-methyl-4-phenyl-1,4-dihydropyrano[2,3-c]pyrazole-5-carbonitrile salen-Cu stabilized on the periodic mesoporous organosilica</b>	<b>A</b>
<b>247</b>	<b>icc21-2149</b>	<b>Niloufar Elhami</b>	<b>Design and fabrication of chitosan-based wound dressings containing reduced graphene oxide</b>	<b>A</b>
<b>248</b>	<b>icc21-2154</b>	<b>Shiva Kargar</b>	<b>Schiff-base/copper complex immobilized on magnetic silica nanomaterial: A durable and efficient catalyst for Ullmann coupling reaction</b>	<b>A</b>
<b>249</b>	<b>icc21-2155</b>	<b>Farideh Mousavi</b>	<b>PrSO<sub>3</sub>H containing IL-based nanoporous organosilica as an efficient and highly stable nanocatalyst</b>	<b>A</b>
<b>250</b>	<b>icc21-2156</b>	<b>Maryam Rezaei</b>	<b>Synthesis, characterization, and investigation of antimicrobial, antioxidant, and anticancer activities of some novel cadmium Schiff Base complexes</b>	<b>A</b>



Poster Number	Article Code	Presenter Name	Title	Presenting Group
1	icc21-1276	Fatemeh Bakhshayeshi meydani	Synthesis of Biodegradable Hydrogels to Remove Pb <sup>2+</sup> Ions from Industrial Effluents	B
2	icc21-1284	Hossein Eshghi	Immobilized Cu(I) Nanoparticles on Montmorillonite -Modified with Benzalkonium Chloride (MMT-BAC@Cu(I) ) and Their Catalytic Activity as an Eco-Friendly and Heterogeneous Nano-Catalyst for Facile Synthesis of 5-Substituted-1H-Tetrazoles in Deep Eutectic Solvent	B
3	icc21-1287	Fatemeh Pirani	Cu-Ni Alloys Nanoparticles Supported on Magnetic Montmorillonite -Modified with Benzalkonium Chloride (MMT-BAC@Fe <sub>3</sub> O <sub>4</sub> @CuNi): As an Eco-Friendly and Recyclable Nano-Catalyst for Facile Synthesis of Benzimidazole Derivatives under solvent-free conditions	B
4	icc21-1293	Fatemeh sadat Zadehmohammad	Highly efficient, catalyst-free synthesis of novel pyrazolyl-containing dihydropyridines	B
5	icc21-1295	Hossein Torabi	Synthesis of mesoporous phosphorous-doped carbon spheres which supported palladium nanoparticles for Solvent-Free Chemical Fixation of Carbon Dioxide with Epoxides	B
6	icc21-1299	Nasrin Valizadeh	Effect of incorporating Prunus amygdalus extract in PCL-GEL nanofibers for bone tissue engineering	B
7	icc21-1301	Saeed Kardideh reyhan	Preparation of Composite Nanohydrogels based on Graphene Oxide	B

8	icc21-1305	Homa Targhan	Visible light induced photocatalytic degradation of rhodamine B and methylene blue over a novel nitrogen-doped carbon quantum dots	B
9	icc21-1307	Saeed Kardideh Reyhan	Application of Graphene Oxide-based Nanocomposite Hydrogels for the Controlled Release of the Anti-Cancer Drug Methotrexate	B
10	icc21-1320	Hamideh Alvani	Tandem intramolecular Pinner–Dimroth rearrangement assisted synthesis of fully-functionalized new selenopheno[3,2-d]pyrimidine heterocycles	B
11	icc21-1330	Mahsa khorasani	Synthesis of orthoaminocarbonitrile tetrahydronaphthalenes catalyzed by butyl-3-methylimidazolium hexafluorophosphate ionic liquid	B
12	icc21-1332	Firouzeh Hamidi	A convenient synthesis of novel fused chromene derivatives using nanocatalyst	B
13	icc21-1336	Hala Shkyair Lihumis	Synthesis and Evaluation of Biological and Antioxidant Activity of Some New Heterocyclic Compounds for Mefenamic Drug Derivatives	B
14	icc21-1337	Mahtab Diba	Preparation of N-methyl-2-pyrrolidonium hydrogen sulfate ionic liquid and their application as an acidic catalyst for the synthesis of naphthopyranopyrimidines	B
15	icc21-1341	Zeinab Piramana	Biocatalytic One-Pot C-C Bond Forming Reaction Using 4-Oxalocrotonate Tautomerase Homologue from E. Coli	B

16	icc21-1347	Shima Nasri	Surface modification of CdTe quantum dots with pH-responsive fluorescent dye-labeled metal-chelating polymer for controlled drug release	B
17	icc21-1355	Reza Rezaiyehraad	Phenacyl Thiocyanates, Potent Reagents for the Synthesis of Sulfur-containing Heterocycles	B
18	icc21-1356	Morteza Hasani	Memory Effect by Retaining Lysine Residue on Carbon Quantum Dot's Surface for Catalyzing Organic Reactions	B
19	icc21-1358	Sedigheh Alavinia	Synthesis of 3-oxadiazole-substituted imidazo[1,2-a]pyridines by nickel immobilized on multifunctional amphiphilic porous polysulfonamide-melamine	B
20	icc21-1359	Vida Izadkhah	Preparation and characterization of hexamethylenetetramine-functionalized magnetic nanoparticles and their application as novel catalyst for the synthesis of pyranopyrazole derivatives	B
21	icc21-1369	Samira Najikhelejan	Synthesis of (dimethyl-tert-butyl-silyloxy)and(triethyl-silyloxy) piroxicam, investigation of their lipophilic property and comparison with the original drug.	B
22	icc21-1372	Latif Kelebekli	Synthesis of novel halogenated bicyclo[4.2.0]inositols from syn-bisepoxide	B
23	icc21-1373	Latif Kelebekli	Stereoselective Synthesis of a Conduritol-A Derivative Including Halogene	B

24	icc21-1375	Mansour Binandeh	High performance magnetic nanocatalyst in hacking reaction in green conditions	B
25	icc21-1377	Mansour Binandeh	The best way to perform a Suzuki reaction under standard conditions is with a magnetic nanocatalyst	B
26	icc21-1378	Mansour Binandeh	Optimal Synthesis Conditions of Products from Carbon-Nitrogen Coupling Reaction Using Suitable Substrate Magnetic Nanocatalyst	B
27	icc21-1094	Raziye Ghasemi	Synthesis of a new derivative of tetrazolo(1,5-a)pyrimidine	B
28	icc21-1388	Mahmoud Zarei	Post-modification of metal-organic frameworks (MOFs) as catalyst	B
29	icc21-1389	Mahmoud Zarei	A new approach for the synthesis of bis(3-indolyl)pyridines via a cooperative vinylogous anomeric based oxidation using ammonium acetate as a dual rule reagent-catalyst under mild and green condition	B
30	icc21-1520	Ashkan Naseri	Study of enantioselective synthesis of dihydropyrimidinones in the presence of chiral polymer	B
31	icc21-1395	Omid Jawhid	Synthesis of one-component polyurethane adhesive for rubber granules bonding	B
32	icc21-1396	Omid Jawhid	Large-scale preparation and characterization of semi-rigid polyurethane foam	B
33	icc21-1488	Mahdiyeh Zeydi	A novel Zirconium complex of PYAPD immobilized on the surface of CrFe <sub>2</sub> O <sub>4</sub> MNPs: as a novel, green, and efficient heterogeneous magnetic nano catalyst for the synthesis of	B

			tetrazoles and oxidation of sulfides	
34	icc21-1489	Farhad Khanmohammadi-Sarabi	ZnFe <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> @L-Methionine-Zr: A novel, green, recyclable, and highly versatile catalyst for the synthesis of 1H-tetrazoles and polyhydroquinolines	B
35	icc21-1406	Malihe Pooresmaeil	Development of a new magnetic and biocompatible covalent organic framework; Synthesis and characterization	B
36	icc21-1410	Parvin Sanati-Tirgan	Synthesis of a magnetic metal organic framework (Fe <sub>3</sub> O <sub>4</sub> @Co-MOF) as a novel and recyclable catalyst for the synthesis of quinazolin-4(3H)-ones under mild aerobic condition	B
37	icc21-1412	Malihe Pooresmaeil	Photoluminescent and biocompatible starch coated biobased-derived carbon dots as a promising platform for methotrexate delivery	B
38	icc21-1413	Malihe Pooresmaeil	Design, synthesis, and characterization of bio-MOF(Zn)@carboxymethyl starch/graphene quantum dots nanoplatfrom	B
39	icc21-1414	Mahshid Zarei	Synthesis of 1H-isochromene derivatives using triethylamine as a homogeneous metal-free base catalyst	B
40	icc21-1498	Seyedeh Parisa Yaghoubnejad Pazoki	Zeolitic Imidazolate Framework Catalyzed Synthesis of 1,2-Disubstituted Benzimidazoles in Water	B
41	icc21-1417	Shima Bahrami	Biocompatible UV protective cotton fabric modified with chitosan/carbon quantum dots nanocomposite	B

42	icc21-1418	Malihe Pooresmaeil	Developing melamine-rich COF modified magnetic chitosan bio-adsorbent for diclofenac sodium removal	B
43	icc21-1422	Ziba Daroughezadeh	Synthesis of Benzopyrano[2,3-d]pyrimidines in the Presence of Sodium Carbonate Silica Catalyst	B
44	icc21-1424	Hadis Goudarzi	Preparation and application of a Deep Eutectic Solvent-based on one of the triphenylphosphonium derivatives as a capable and new catalyst for the one pot synthesis of The piperidine derivatives	B
45	icc21-1426	Arezo Monem	Preparation and application of a Deep Eutectic Solvent based on triphenylphosphonium as a capable and new catalyst for the synthesis of benzopyranophenazine	B
46	icc21-1177	Masoumeh Beiranvand	Design, synthesis, and application of semicarbazide-pyridoyl-sulfonic acid-based nanocatalyst for the preparation of pyranopyrazole derivatives	B
47	icc21-1178	Masoumeh Beiranvand	The Palladium-anchored multidentate SBA-15/tetra-urea: a highly efficient reusable nano-catalyst for Mizoroki-Heck and Suzuki-Miyaura cross-coupling reactions	B
48	icc21-1433	Amir Hossein Ghasemi	Catalytic synthesis of 1,4-dihydropyridine derivatives using CoNiFe <sub>2</sub> O <sub>4</sub> hollow nanospheres and optimization by Box-Behnken design	B
49	icc21-1444	Ziba Daroughezadeh	Sodium Carbonate Silica: an Efficient Catalyst for Three-Component Synthesis of	B

			<b>Arylmethylidene-isoxazole-5(4H)-ones in Green Medium</b>	
<b>50</b>	<b>icc21-1446</b>	<b>Shahrzad Mahdavi Aliabad</b>	<b>Synthesis of 2,2,2-trifluoro-N-aryl-1-(2-(1-aryl-2-(trifluoromethyl)-1,8a-dihydroimidazo-[1,2-a]pyridin-3-yl)-1H-benzo[d]imidazol-6-yl)ethan-1-imine derivatives</b>	<b>B</b>
<b>51</b>	<b>icc21-1447</b>	<b>Hamid Aghavandi</b>	<b>ZnFe<sub>2</sub>O<sub>4</sub>@SiO<sub>2</sub>@APTES@D HBS-Cu NPs: as a novel, green, and efficient heterogeneous magnetic nanocatalyst for the synthesis of bis (pyrazolyl)methanes and chemoselective oxidation of sulfides</b>	<b>B</b>
<b>52</b>	<b>icc21-1448</b>	<b>Hamid Aghavandi</b>	<b>FDU@l-Histidin-Zr: green, novel and efficient catalysts for the one-pot synthesis of 5-substituted tetrazole and polyhydroquinoline derivatives</b>	<b>B</b>
<b>53</b>	<b>icc21-1449</b>	<b>Hamid Aghavandi</b>	<b>ZnFe<sub>2</sub>O<sub>4</sub>@SiO<sub>2</sub>@n-pr@xantin-pr: A novel, green, recyclable, and highly versatile catalyst for the synthesis of 1H-tetrazoles and oxidation of sulfides to the sulfoxides</b>	<b>B</b>
<b>54</b>	<b>icc21-1450</b>	<b>Esmail Arghiyani</b>	<b>Green synthesis of Cu nanoparticles using Cyperus rotundus aqueous extract and its catalytic activity in the Biginelli Reaction</b>	<b>B</b>
<b>55</b>	<b>icc21-1451</b>	<b>Esmail Arghiyani</b>	<b>Cyperus rotundus aqueous extract mediates for green synthesis of Ag nanoparticles</b>	<b>B</b>
<b>56</b>	<b>icc21-1452</b>	<b>Sara Fooladi</b>	<b>Synthesis of Polyhydroquinoline Derivatives Using Fe<sub>3</sub>O<sub>4</sub>@polyethylene glycol (PEG) Core/Shell</b>	<b>B</b>

57	icc21-1061	Faezeh Azarkar	One-pot synthesis and antibacterial evaluation of 2-(4-(14H-dibenzo[a,j]xanthen-14-yl)phenyl)-4,5-diaryl-1H-imidazole using choline chloride.2 ZnCl <sub>2</sub> as catalyst	B
58	icc21-1454	Zahra Siahpour	Design and synthesis of efficient and reusable Biochar phosphoric acid nanocatalyst for 1-amido alkyl-2-naphthols synthesis	B
59	icc21-1456	Ahmad Rashidi	The Application of Vilsmeier Reagent in the Synthesis of Pyrazolobisindoles	B
60	icc21-1457	Ahmad Rashidi	The Synthesis of 6-Substituted Pyrido[2,3-d]pyrimidine-2,4(1H,3H)-diones Using Aminomethylene Malondialdehydes and 6-Aminouracils	B
61	icc21-1068	Shila Najafian	Novel electrically conductive nanofibrous scaffolds based polyaniline-grafted tragacanth gum and investigation of their performances in skin tissue engineering application	B
62	icc21-1462	Soheyla Karimi	Synthesis of magnetic $\beta$ -cyclodextrin core modified with folic acid as a pH-responsive system for targeted delivery of doxorubicin	B
63	icc21-1464	Soheyla Karimi	Chitosan-coated layered double Hydroxides for the co-delivery of vitamin D3 and amoxicillin	B
64	icc21-1465	Soheyla Karimi	Preparation of magnetic cellulose-metal-organic framework capped PEG for targeted anticancer drug delivery	B
65	icc21-1466	Soheyla Karimi	Metal-organic frameworks modified magnetic	B



			mesoporous silica nanoparticles capped with hydroxyapatite for doxorubicin delivery to cancer cells	
66	icc21-1468	Soheyla Karimi	Preparation of layered double hydroxide (Ca-Al) encapsulated with pectin-chitosan as a targeted drug delivery system for cancer therapy	B
67	icc21-1493	Seyed Mahdi Talebi	ZnFe <sub>2</sub> O <sub>4</sub> @SiO <sub>2</sub> @L-Histidine-La MNPs: a novel, green, and efficient heterogeneous magnetic nanocatalyst for the synthesis of tetrazole and tetrahydrobenzo[b]pyran derivatives	B
68	icc21-1486	Sara Sanginabadi	CoFe <sub>2</sub> O <sub>4</sub> @SiO <sub>2</sub> @n-Pr@Schiff base-Pr: green, magnetic, and versatile catalyst for the synthesis of chromeno[2,3-d] pyrimidine-8-amine and tetrazole derivatives	B
69	icc21-1487	Soheyla Karimi	Effective removal of ibuprofen drug from aqueous solutions by activated carbon derived from green tea leaves functionalized with hydroxyapatite	B
70	icc21-1298	Shima Khosravi	Synthesis and application of magnetic cellulose/polyaniline nanocomposite for dye removal	B
71	icc21-1304	Mahshid Manouchehri	Application of a developed approach of hydrogel-based spin column micro solid phase extraction for monitoring of trace concentration of antifungal drugs in blood samples	B

72	icc21-1308	Hessamaddin Sohrabi	The Label-free electrochemical-based oligonucleotide genosensor by hybridization process for highly sensitive determination of Leishmania spp. in biological samples	B
73	icc21-1309	Sara Alizadeh	Electrochemical Determination of 4-Nitrophenol Using a Cu/MOF Carbon Paste Electrode	B
74	icc21-1313	Ahad Kazempour Teymourlou	High throughput liquid phase thin film microextraction of estrogens by polyvinylidene fluoride membrane sheet	B
75	icc21-1329	Saeedeh Deljavan Anvari	Development of a hydrophobic deep eutectic solvent based on fatty acids for liquid-phase microextraction of a calcium channel blocker drug from plasma samples	B
76	icc21-1331	Mina Zamaniyan	Investigation of electrochemical behavior of pyrocatechol and utilizing a drug delivery system for loading and releasing of pyrocatechol in order to electrochemical signal amplification	B
77	icc21-1334	Mehdi Hosseini	Use of room-temperature ionic liquid (1-ethyl-3-methylimidazolium tetrafluoroborate) as a non-aqueous, robust and conductive electrolyte to improvement of Li-O <sub>2</sub> battery performance	B
78	icc21-1335	Niloofar Mohamadighade	A green method for electrochemical synthesis of new benzofuran derivatives	B
79	icc21-1344	Mohammad Reza Abdi	Application of magnetic MOF nanocomposite as SPME fibers coupled with HPLC for	B

			determination of NSAID drugs in biological fluids samples	
80	icc21-1345	Ahmad Hosseini-Bandegharai	Adsorption properties of chryso sporium sp. fungus- ameliorated carbon nanotubes and their usage for solid phase extraction of cadmium metal ion	B
81	icc21-1349	Solmaz kia	An Electrochemical Genosensor for gastric cancer cell detection	B
82	icc21-1386	F. Mansouri	Exploring Structural Requirements of Simple Benzene Derivatives for Adsorption on Carbon Nanotubes: CoMFA, GRIND and HQSAR	B
83	icc21-1394	Payam Osouli	Design an automated microextraction on a screw system coupled with high performance liquid chromatography.	B
84	icc21-1397	Fatemeh Barghdar	Coacervation extraction of Co (II) from aqueous samples followed by smartphone based colorimetric determination	B
85	icc21-1398	Mahsa Pourzareei	SPE-trace Detection of Sulfasalazine Using a Cu(II) Modified Magnetic Chitosan Nanocomposite	B
86	icc21-1408	Mahmoud Tabibpour	Microextraction on a screw for determination of trace amounts of alkaloids of opium by gas chromatography	B
87	icc21-1428	Zahra Jabbari	Dispersive micro solid phase extraction of bisphenol A, using in situ nano sorbent formation	B
88	icc21-1434	Reza Dadashi	Fabrication of high-performance symmetric supercapacitor based on polyaniline grafted	B

			multiwalled carbon nanotube onto anodized graphene oxide nanosheets/graphite electrode	
89	icc21-1438	Pariya Ali Mohammadzadeh Baghaei	Organic solventless liquid-liquid microextraction of Co(II) and Ni(II) from water using deep eutectic solvents	B
90	icc21-1439	Pariya Ali Mohammadzadeh Baghaei	Application of functionalized cobalt ferrite nano-particles in dispersive solid phase extraction of some heavy metals from aqueous samples prior to ICP-OES	B
91	icc21-1459	Songül Ulusoy	Determination of Antiepileptic Drugs at Trace Levels via HPLC-PDA System after Solid Phase Extraction	B
92	icc21-1461	Mahta Badinezhad	Application of different mathematical models for further investigation of in vitro drug release mechanisms based on magnetic nano-composite	B
93	icc21-1009	Mahta Badinezhad	Stimuli responsive nano-composite co-delivery of Doxorubicin and ciprofloxacin using HPLC-UV combined spectroscopy methods	B
94	icc21-1470	Somayyeh Ziaei	Novel and Efficient Method for Lead Ions Biosorption from Aqua Solution by Artemia Cysts	B
95	icc21-1471	Sima Fathi Majd	Fabrication of Fe <sub>3</sub> O <sub>4</sub> @-ZnO-MWCNTs-TiO <sub>2</sub> for efficient photocatalytic removal of Ibuprofen and caffeine under visible light	B
96	icc21-1472	Sima Fathi Majd	Synthesis of magnetic Cu MOFs modified hydroxyapatite as new adsorbent for magnetic solid-	B

			phase extraction of brucine from human urine	
97	icc21-1474	Aysan Alabaf Sabbaghi	Novel deep eutectic solvent-assisted electrochemical synthesis of TGA capped CdSe@Cu <sub>2</sub> Se core-shell cauliflower quantum dots on the graphene-modified electrode as a catalytic platform for the determination of pyrazinamide	B
98	icc21-1476	Maedeh Saadat	Magnetic in-tube solid phase microextraction of some herbicides	B
99	icc21-1480	Maedeh Saadat	Extraction and determination of parabens from fruit juice with $\mu$ -solid phase extraction using yolk-shell ZIF-8-based material (ZnO@SiO <sub>2</sub> @C/Ni)	B
100	icc21-1482	Arezoo Rasouli	Application of newly synthesized layered double hydroxides in pre-concentration of heavy metals from aqueous samples using ICP-OES	B
101	icc21-1483	Mina Keramat	Design and Custom-Build of Portable Fluorimeter	B
102	icc21-1484	Hamidreza Haghgoo Qezelje	Preconcentration of naproxen in biological samples by three-phase hollow fiber liquid-phase microextraction coupled to HPLC-UV	B
103	icc21-1283	Hamidreza Haghgoo Qezelje	Application of tandem dispersive liquid-liquid microextraction for	B
104	icc21-1485	Simin Darabi	Effect of thin film in acceptor phase on electromembrane extraction of some cationic dyes from aqueous solutions	B
105	icc21-1494	Mir Mahdi Daghi	Combination of dispersive solid phase extraction using MIL-88A as sorbent and deep	B

			eutectic solvent–based dispersive liquid–liquid microextraction for the extraction of some pesticides from fruit juices	
106	icc21-1497	Razieh Zamani	On chip electromembrane surrounded solid phase microextraction of antidepressants using PEDOT-GO nanocomposite coating	B
107	icc21-1501	Parisa poormoghadam	Efficient Extraction of Pb (II) by Microextraction by packed sorbent Method based on Modified Composite Adsorbents of MOFs	B
108	icc21-1503	Naiema Vakili Saatloo	A survey on antioxidant activity of Iranian shrimp waste [ <i>Penaeus Semisulcatus</i> ]	B
109	icc21-1504	Javad Ghorbani	Selective and green separation of RDX and HMX explosives using ammonium acetate/diethylene glycol deep eutectic solvent	B
110	icc21-1505	Mohammad Gheshlaghi	Phytoremediation of PAHs from indoor air by pelargonium domesticum plant	B
111	icc21-1506	Naiema Vakili Saatloo	Determination of acrylamide in tahdig prepared with the most common edible liquid and solid oils	B
112	icc21-1507	Mohammad Gheshlaghi	Determination of Polycyclic aromatic hydrocarbons (PAHs) in indoor air by monolith adsorbent micro extraction coupled to C-FID method	B
113	icc21-1508	Mir Mahdi Daghi	Combination of mixed mode dispersive solid phase extraction with magnetic ionic liquids based dispersive liquid–liquid microextraction for the extraction of	B

			<b>anticoagulant drugs from urine samples</b>	
<b>114</b>	<b>icc21-1509</b>	<b>Rohullah Ayati</b>	<b>Potential use of Dunaliella Salina as biosorbent for bioremediation of saline water ions</b>	<b>B</b>
<b>115</b>	<b>icc21-1510</b>	<b>Narges Bastan</b>	<b>Determination of hypochlorite in milk using a portable photometer</b>	<b>B</b>
<b>116</b>	<b>icc21-1511</b>	<b>Shokofeh Omid</b>	<b>Green Synthesis and characterization of gold nanoparticles using aqueous extract of Menthapulegium</b>	<b>B</b>
<b>117</b>	<b>icc21-1513</b>	<b>Sima Farshineh Saei</b>	<b>Preparation of a Novel Thin Film Based on Graphene Oxide-Chitosan Nanobiocomposite for Thin Film Microextraction of Fluoxetine from Biological and Environmental Samples</b>	<b>B</b>
<b>118</b>	<b>icc21-1515</b>	<b>Fatemeh Ghobadi</b>	<b>A Paired Emitter-Detector Diode-Based Photometer for the Determination of 2,4,6-Trinitrotoluene (TNT) in Soil Samples</b>	<b>B</b>
<b>119</b>	<b>icc21-1519</b>	<b>Somayeh Farokhi</b>	<b>Synthesis and comparison of the electrocatalytic performance of NiCo-X nanodiscs (X = OH, S, Se, P) as an electrochemical platform</b>	<b>B</b>
<b>120</b>	<b>icc21-1525</b>	<b>Ali Makari</b>	<b>Synthesis of new Metal-Organic Framework (MOF) and its applications for detection of antibiotics by fluorescence method</b>	<b>B</b>
<b>121</b>	<b>icc21-1529</b>	<b>Sara Manafi Khoshmanesh</b>	<b>Simultaneous preconcentration and determination of multiclass pesticides residues in mango and cantaloupe by an in situ electropolymerized solid phase microextraction fiber coating</b>	<b>B</b>

122	icc21-1531	Sara Manafi Khoshmanesh	Trace analysis of some polycyclic aromatic hydrocarbons in food and vegetables using electrochemically fabricated graphene oxide/ polythiophene nanocomposite coating on pencil lead graphite SPME fiber	B
123	icc21-1532	Maryam Davardoostmanesh	Preparation of superhydrophobic rock wool for oil-spill clean-up	B
124	icc21-1533	Mir Mahdi Daghi	Assessment of organophosphorus pesticides residues in honey samples using a new mode of dispersive liquid-liquid microextraction method combined with HPLC-UV	B
125	icc21-1534	Delaram Rajabi	Assessment of heavy metal ions in agricultural soil, water, and vegetables in the Kashaf Rud riverside, Razavi Khorasan Province, Iran.	B
126	icc21-1535	Amir Hashemi	Solid-phase extraction based on sodium dodecyl sulfate-coated nanomagnets with HPLC determination of sunitinib malate in biological samples	B
127	icc21-1255	Amir Hashemi	A green ultrasound-assisted emulsification-microextraction based on a low viscous deep eutectic solvent for the enrichment of propranolol	B
128	icc21-1539	Mir Mahdi Daghi	Magnetic dispersive solid phase extraction of some tetracycline and fluoroquinolone antibiotics from milk samples prior to their determination by HPLC-DAD	B



129	icc21-1541	Roya pirkhzerbai	Microextraction in packed syringe using ion monitoring graphene oxide-mesoporous silica nanosheets as sorbent for extraction and determination of Cr (VI) from real samples.	B
130	icc21-1543	Mahsa Pourzare	Adsorption Study of Alizarin Yellow GG on a Cu(II) Modified Magnetic Nanoadsorbent	B
131	icc21-1262	Güventürk UĞURLU	Investigation on Molecular Structure and Electronic Properties of Zinc (II) Complex with 2-acetylpyridineticotinichydraz one ligand	B
132	icc21-1263	Güventürk Uğurlu	NMR Characterization, Conformational Energy and Nonlinear Optical Property Calculations of 1,3-bis(2,4-dimethoxyphenyl) Imidazolidine-2-Thione Molecule	
133	icc21-1272	Farideh Badalkhani-Khamseh	PEGylated PAMAM Dendrimers as Eptifibatide Nanocarriers: An Atomistic View from Molecular Dynamics Simulations	B
134	icc21-1290	Javad Shirazi	Hydrolysis of S-D-lactoylglutathione By Glyoxalase II, a Theoretical Study	B
135	icc21-1294	Sonia Jafari	Effects of metal ions substitution on Glyoxalase I activity	B
136	icc21-1300	Morteza Rezaee Momtaz	The effect of mono vacancy defect on the interactions of F2 , Cl2 , O2 , N2 , CO , NO and Boraphene	B
137	icc21-1314	Fatemeh Aghababaei	Calculation of the Intermolecular Potential Energy Surface and Transport Properties for He... HBr Van	B

			<b>Der Waals Complex Using CC, MMA and MD Simulations</b>	
<b>138</b>	<b>icc21-1374</b>	<b>Fatemeh Aghababaei</b>	<b>Calculation of the Intermolecular Potential Energy Surface and Transport Properties for He... CO2 Van Der Waals Complex Using CC, MMA and MD Simulations</b>	<b>B</b>
<b>139</b>	<b>icc21-1315</b>	<b>Bahram Yadollahi</b>	<b>Investigation of Solvatochromism Properties of Mg-Al-Acid Orange-7 LDH Nanohybrid</b>	<b>B</b>
<b>140</b>	<b>icc21-1316</b>	<b>Naeime Rahae</b>	<b>Calculation of non-equilibrium thermodynamic properties of He...BeH2 Van der Waals complex based on the quantum and classical kinetic theory and classical molecular dynamic simulation methods.</b>	<b>B</b>
<b>141</b>	<b>icc21-1319</b>	<b>Nasibeh Saeidi</b>	<b>Electrochemical reduction of NO on fullerene doping by boron atom: a computational study</b>	<b>B</b>
<b>142</b>	<b>icc21-1321</b>	<b>Nasibeh Saeidi</b>	<b>Electrochemical reduction of NO over Si-N4 embedded graphene: Theoretical investigation</b>	<b>B</b>
<b>143</b>	<b>icc21-1324</b>	<b>Zolfa Azizi</b>	<b>Study of the effect of polymer molecular mass on the phase equilibria of the aqueous two-phase systems composed of polyethylene glycol 1000, 1500, 2000, 4000, and 6000 + tri-lithium citrate + water</b>	<b>B</b>
<b>144</b>	<b>icc21-1346</b>	<b>Sheida Ataei</b>	<b>DFT Studied on The Possibility of Chitosan Nanoparticles as Potentials Drug-Delivery Carriers of Favipiravir: A COVID-19 Drug</b>	<b>B</b>
<b>145</b>	<b>icc21-1634</b>	<b>Zolfa Azizi</b>	<b>Study of the temperature effect on the aqueous two-</b>	<b>B</b>

			phase systems composed of polyethylene glycol 6000 + tri-lithium citrate + water at and the partition of salbutamol drug T =288.15, 298.15, 308.15 and 318.15 K	
146	icc21-1351	Farzaneh Hosseini	Theoretical and computational investigation on the Choline chloride based deep eutectic solvents	B
147	icc21-1352	Farnaz Asgarpour	Experimental and Quantum Density Functional Studies on the IR, UV-Vis and NMR Spectra of 5-Amino Pyrazole Derivatives	B
148	icc21-1367	Farzaneh Hosseini	Theoretical and computational studies on deep eutectic solvents of choline chloride	B
149	icc21-1376	Seyedeh Bahareh Azimi	Detection of thiopropamine by inorganic BC3 nanotube and nanosheet: DFT studies	B
150	icc21-1387	Mohaddeseh Yarpour	Kinetics Study of Hydrogen Generation over Co/g-C3N4 Nano Catalyst	B
151	icc21-1435	Afsaneh Sadeghi	A non-visual bubble-pressure experimental method for measuring solubility of light hydrocarbons in aqueous solutions	B
152	icc21-1445	Maryam Abedi	Thermodynamic study of electrolytic system "Potassium chloride + water + lysine" based on Pitzer ion interaction model	B
153	icc21-1571	Maryam Abedi	Use of artificial neural network to predict the thermodynamic properties of organic solvents in ionic liquids at infinite dilution	B
154	icc21-1455	Mahla. Mottaghizadeh	Electrochemical Behaviour of NMC/C Cathode in Li-ion Batteries	B

155	icc21-1491	Maryam Abedi	Application of Dortmund-UNIFAC thermodynamic model to investigate changes in cola activity coefficient in black beverage model systems	B
156	icc21-1516	Solmaz Abdolahi Joneghani	Electronic and nonlinear optical features of a new bowl-shaped subunit of C70 decorated with alkali metals (Li, Na and K)	B
157	icc21-1517	Solmaz Abdolahi Joneghani	Unusual behavior of the sumanene substitute (3BN-3NB) structure relative to similar structures and pristine sumanene	B
158	icc21-1236	Yeganeh Akrami	Synthesis, characterization and nonlinear optical properties (NLO) of copper (I) complex with N, S donor indazole based ligand	B
159	icc21-1241	Golzar Salek	Synthesis and characterization of the complex resulting from the reaction of dimethylpyridine-2,6-dicarboxylate with cadmium, mercury	B
160	icc21-1260	Behnam Habibi	Selective copper (II) metal ion detection in water via Yttrium-based MOF; converting MOF approach	B
161	icc21-1265	Marzieh Simani,	The study of electrochemical hydrogen storage behaviour of the zirconium-based metal-organic framework UiO-66	B
162	icc21-1267	Marzieh Simani	Improving hydrogen storage capacity of graphene oxide using Manganese nanoparticle	B
163	icc21-1274	Zeynab salmannasab	Synthesis and characterization of zeolite A by hydrothermal transformation of kaolin	B
164	icc21-1277	Zeynab Salmannasab	Preparation and characterization of nano	B

			<b>cobalt oxide-zeolite 4A composites and investigation of their photocatalytic properties</b>	
<b>165</b>	<b>icc21-1279</b>	<b>Mina Salahi</b>	<b>The effect of particle size on cytotoxicity properties of some Carbacylamido phosphates</b>	<b>B</b>
<b>166</b>	<b>icc21-1281</b>	<b>Mina Salahi</b>	<b>A Phosphoric triamide Compound as an anticancer agent</b>	<b>B</b>
<b>167</b>	<b>icc21-1296</b>	<b>Mohammad Reza Azizi Kasin</b>	<b>Leaching of Aghbulagh-Valadyan copper deposit in sulfuric acid medium with sodium chloride additive</b>	<b>B</b>
<b>168</b>	<b>icc21-1303</b>	<b>Fatemeh Soltani</b>	<b>Synthesis and crystal structure of a new octanuclear Cu(II) cluster</b>	<b>B</b>
<b>169</b>	<b>icc21-1310</b>	<b>Sheida Esmailzadeh</b>	<b>Oxovanadium (IV) Complexes Containing NNOS Coordination sphere: Synthesis, Characterization and Thermodynamic Studies</b>	<b>B</b>
<b>170</b>	<b>icc21-1311</b>	<b>Mahsa Hasani</b>	<b>Naked-eye detection of CN- and AcO- ions in aqueous medium by a new chromogenic azomethin receptor</b>	<b>B</b>
<b>171</b>	<b>icc21-1318</b>	<b>Mahsa Majidi</b>	<b>Investigating the Effect of Seed Treatment Temperature to Enhance the Stability and Lifetime of SAPO-34 Catalyst in Methanol to the Light Olefin Conversion process</b>	<b>B</b>
<b>172</b>	<b>icc21-1326</b>	<b>Fardin Rezazadeh</b>	<b>Finding the best solvent for recrystallization of some amino alcoholic complexes by DFT calculations</b>	<b>B</b>
<b>173</b>	<b>icc21-1327</b>	<b>Fardin Rezazadeh</b>	<b>Finding the best solvent for recrystallization of some Oxazolidine complexes by DFT calculations</b>	<b>B</b>

174	icc21-1328	Nasrin Aghabeiqi Qaraghili	Preparation and Characterization of Mixed Metal Oxides (MMOs) derived from Layered Double Hydroxides (LDHs) as Photocatalyst for the Photodegradation of Acid Orange 7 dye	B
175	icc21-1339	Masoumeh Nabati-Hesarlou	Green catalytic oxidation of catechol by a new copper(II) complex	B
176	icc21-1342	Farrokh Roya Nikmaram	The Water Diffusion in Modified Silica Membrane with TiO <sub>2</sub> and Magnetic Fe <sub>3</sub> O <sub>4</sub> , A Molecular Dynamics Simulations Study	B
177	icc21-1343	Mohammad Reza Abdi	Synthesis of Cobalt Ferrite@Cu <sub>3</sub> (BTC) <sub>2</sub> Nanocomposite as a Magnetic Metal-Organic Framework (MOF)	B
178	icc21-1348	Reza Kazem Shoar	Synthesis and Spectral Study of a Lead (II) Complex with N <sub>3</sub> -Donor Schiff-based Ligand	B
179	icc21-1354	Fatemeh Etessamifar	Against to What Observed Up to Now, Formation of Silver Nanostructures with Appropriate Morphologies from Silver Coordination Polymer Precursors by Calcination Rather than Thermal Decomposition in Oleic Acid	B
180	icc21-1370	Zohreh Hoghoghi	Synthesis of Ce Doped Copper Phthalocyanin Intercalated Layered Double Hydroxide Nanohybrid as Photoluminescent Material	B
181	icc21-1381	R. Kazemshoar- Duzdüzani	The catalytic effect of Zeolitic imidazolate framework (ZIF-8) on thermal decomposition of Ammonium dinitramide ADN	B

182	icc21-1419	Maryam Pass	Investigation of control over size and morphology of nanostructures Lanthanide based on carbacylamidophosphate	B
183	icc21-1421	Maryam Pass	Synthesis, Crystallography and Antibacterial activities of new Cocrystal Copper-Cerium Based on 1, 10-phenanthroline	B
184	icc21-1427	Samira Akbari	Ni/Ag <sub>2</sub> O nanostructures for efficient hydrogen evolution reaction	B
185	icc21-1429	Samira Akbari	The Investigation of the electrocatalytic activity of Ni-doped and pure Ag <sub>2</sub> O nanostructures for water oxidation	B
186	icc21-1436	Sahar Jafari	Investigation of water oxidation activity of a Mn (II)-salophen type complex	B
187	icc21-1499	Zeinab Mandegani	Half-Sandwich Cyclometalated RhIII Complexes Bearing Thiolate Ligands: Biomolecular Interactions and In Vitro and In Vivo Evaluations	B
188	icc21-1514	Farhad Azizafshari	Investigation of ability of acid leachate formation from sulfide tailings of Sungun copper mine	B
189	icc21-1518	Fatemeh Karimi	HY zeolite functionalized by Organic compounds containing nitrogen atoms: synthesis, characterization and usage for removing of some heavy metals	B
190	icc21-1522	Sahar Jafari	Improving water oxidation performance by creating heterointerfaces of ceria and nickel-oxide nanoparticles	B
191	icc21-1561	Leila Jafari Foruzin	Synthesis of nickel-copper-alumina-layered double	B

			hydroxide as an excellent electrocatalyst for oxygen evaluation	
192	icc21-1563	Leila Jafari Foruzin	Ultrasonic-assisted, facile preparation of NiCr-LDH/SWCNT for superior efficiency oxygen evaluation	B
193	icc21-1572	Saeedeh Khadivi Derakhshan	Preparation and characterization of nano $\gamma$ -alumina from Al(OH) <sub>3</sub> and magnetite-alumina composites	B
194	icc21-1322	Ali Khani	Introducing a novel technology for landfill leachate treatment	B
195	icc21-1282	Ali Khani	Using synthesis gas exiting the biochar producer system to reduction of iron oxide wastes resulting from cooling stage of steel ingots	B
196	icc21-1362	Bahar Ghasemzadeh	Lipase-Tween 80 as an interfacial activated biocatalyst for biodiesel production	B
197	icc21-1363	Bahar Ghasemzadeh	Cotton/Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @H <sub>3</sub> PW 12040 a magnetic heterogeneous catalyst for biodiesel production	B
198	icc21-1364	Bahar Ghasemzadeh	Lipase immobilization on Rubber-Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles as biocatalyst for biodiesel production	B
199	icc21-1365	Bahar Ghasemzadeh	Rubber-Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @H <sub>3</sub> PMo12O <sub>40</sub> as Heterogeneous catalyst for biodiesel production	B
200	icc21-1366	Samaneh Barzegari	Rapid fabrication of the 2D close-packed colloidal crystals at the air-water interface for Nanosphere Lithography	B
201	icc21-1382	Hamidreza Azimi	Activation energy of thermal degradation of Styrene based	B



			polymers using the Kissinger kinetic model	
202	icc21-1383	Hamidreza Azimi	The thermodynamic parameters of different polymer/blowing agents systems determined by the magnetic suspension balance (MSB)	B
203	icc21-1384	Hamidreza Azimi	Temperature and pressure effects on the cellular structure of amorphous polymer foams produced by the batch foaming technique	B
204	icc21-1390	Al-Zamely Oda Mizil Yasser	Effect of Magnetite Nanoparticles on Iron Deficiency Anemia	B
205	icc21-1407	Maryam Ahmadi	A Molecular Imprinted Polymer based on Graphene Quantum Dot as an Intelligent Drug Delivery System	B
206	icc21-1411	Mohaddeseh Fathi Rashid	Preparation of Inorganic-Organic Hybrid Materials as Anticancer Drug Carriers	B
207	icc21-1425	Maedeh Koohi	Modification of self-cleaning alumina coatings by Polydimethylsiloxane	B
208	icc21-1437	Simin Asadabadi	Application of amorphous UiO-66 and NH <sub>2</sub> -UiO-66 metal organic frameworks in gas separation membrane	B
209	icc21-1443	Azam Ghavi	Comparative study of kinetic and electrical energy consumption of paraquat herbicide removal process in aqueous solution using UV/TiO <sub>2</sub> NP/KPI and UV/TiO <sub>2</sub> NP/KPS as advanced oxidation processes	B
210	icc21-1477	Samira Jabbarvand Behrouz	Development of MoS <sub>2</sub> -based nanocomposite membrane for effective removal of direct red 23 dye	B

211	icc21-1253	Shahram Rostami	Extraction of alumina from low-grade Jajarm's bauxite by sintering method	B
212	icc21-1478	Shahram Rostami	Extraction of alumina from Nepheline Syenite assisted by carbon	B
213	icc21-1479	Masoud Ebratkhahan	Evaluation of electro-Fenton removal of doxycycline from polluted water via carbon-cloth cathode	B
214	icc21-1481	Masoud Ebratkhahan	Removal of doxycycline from contaminated water through anodic oxidation process using Ti/RuO <sub>2</sub> -IrO <sub>2</sub> anode	B
215	icc21-1380	Behvar Asghari	DPPH Radical Scavenging Activity of Hexane and Methanol Extracts of <i>Mentha pulegium</i> L. Aerial Parts	B
216	icc21-1423	Maedeh Koohi	Green Synthesis of Copper Oxide Nanoparticles by Walnut Leaves Extract and Evaluation of Extract effects on the Nanoparticles' Morphology and Size	B
217	icc21-1432	Leila Bagherpour	Encapsulation of polyphenol extract of <i>Melissa officinalis</i> by nano spray dry	B
218	icc21-1502	Ahad Hedayati	Overproduction of polyphenolic compounds of rosmarinic acid, coumaric acid and chlorogenic acid in the <i>Saponaria officinalis</i> hairy roots using titanium dioxide nanoparticles (TiO <sub>2</sub> NPs)	B
219	icc21-1528	Mozhgan Noorizadeh Dehkordi	Preparation of Porous Polymer Beads Based on Cross-linked Poly(styrene-co-butylacrylate) through Suspension Polymerization for Extraction of Anthocyanin	B
220	icc21-1577	Maryam Akaberi	HPLC-Based Activity Profiling of the Endemic	B

			<b>Iranian Medicinal Plant Helichrysum oligocephalum</b>	
<b>221</b>	<b>icc21-1592</b>	<b>Mahshad Shahriari</b>	<b>Enrichment natural pigment from pomegranate juice: isolation by macroporous resin and characterization adsorption/desorption process</b>	<b>B</b>
<b>222</b>	<b>icc21-1603</b>	<b>Pooneh Alizadeh</b>	<b>Formulation of enriched olive leaf lipid based nanocarriers and natural polymer coating by nanospray dryer</b>	<b>B</b>
<b>223</b>	<b>icc21-1273</b>	<b>Nadia Karimi</b>	<b>All-Trans Retinoic Acid- Grafted-Poly (Beta-Amino Ester)-Poly (Ethylene Glycol) Methyl Ether Micelles Loaded with docetaxel: A Dual Drug Delivery System for Cancer Treatment</b>	<b>B</b>
<b>224</b>	<b>icc21-1402</b>	<b>Mohsen Abbod</b>	<b>QSTR models for toxicity predicting of DMIs (Demethylation inhibitors) antifungal agents using Genetic algorithm multiply linear regression (GA-MLR)</b>	<b>B</b>
<b>225</b>	<b>icc21-1440</b>	<b>Afsaneh Farjami</b>	<b>Design and optimization of a metformin nanoparticle- impregnated buccoadhesive film</b>	<b>B</b>
<b>226</b>	<b>icc21-1460</b>	<b>Maryam Azizi</b>	<b>Investigation of Novel Formulation of Dry Powder Inhaler Capsules: Effect of different plasticizers on the morphology, puncturing size, and surface properties</b>	<b>B</b>
<b>227</b>	<b>icc21-1492</b>	<b>Anahita Lavasani Kian</b>	<b>Antimicrobial effect of loaded smoked plant extracts on silica nanoparticles</b>	<b>B</b>
<b>228</b>	<b>icc21-1500</b>	<b>Zeinab Mandegani</b>	<b>Developing Novel Anticancer Palladium(II) Agents to Integrate Chemotherapy and Overcoming Drug Resistance</b>	<b>B</b>

229	icc21-1536	Zahra Nikmehr	Synthesis of a Temperature-Responsive Injectable Hydrogel for the Controlled Delivery of BAMLET Anticancer Drug	B
230	icc21-1566	Sepideh Kalhor	The combinatorial use of quantum mechanics (QM) along with molecular dynamic simulation (MD) to design novel inhibitors of MTH1	B
231	icc21-1752	Mohammad Nikfarjam	An inquiry of the upheavals carried out by universities and chemical institutes in the course of the corona virus pandemic	B
232	icc21-1781	Fateme Moshkbid	Analysis of Students' Misconceptions about Chemical Bond Concepts: A Meta-Synthesis Study	B
233	icc21-1970	Ayda Sharifi	Conceptual Mapping Approach and Learning of Atomic Orbitals	B
234	icc21-2002	Javane Esmailpanah	Teaching Chemistry using POGIL Activity: A Systematic Review	B
235	icc21-1120	Wafa Mansor Merza	Relationship of the Serum Electrolytes Level with Echocardiographic Parameters and Risk Factors in Patients with Acute Coronary Syndrome	B
236	icc21-1136	Hawraa Saad Al-Kawaz	Association of ATP1A2, rs373796693 Gene Variant with Preeclamptic Patients in Placental Tissue	B
237	icc21-1254	Fadwa Gharsallah	New Analytical Methodology Based on HPLC-DAD after Magnetic Solid Phase Extraction for Sensitive Analysis Glipizide Molecules, Diabetes Drug	B

238	icc21-1292	Abdullah Kaygusuz	Whole-rock Geochemical Properties of the Büyükdüz Gabbro	B
239	icc21-1357	Bushra Nisar	Synthesis and Medicinal Uses of Coumarin Sulfonamide Derivatives: A Review	B
240	icc21-1675	Rahimli Aysel	Investigation of the Interaction of GaInS <sub>3</sub> and In <sub>2</sub> Se <sub>3</sub> Crystals With Organic Molecules	B
241	icc21-1722	I.R.Amiraslanov	Crystal structures and properties of Topological Insulators MnBi <sub>2</sub> Te <sub>4</sub> · (Bi <sub>2</sub> Te <sub>3</sub> ) <sub>n</sub> (n=0÷6)	B
242	icc21-1850	Aygun Rustamova	Thermal decomposition of cyclopentadienyl compounds of Mn, Fe, Co immobilized on oxide surfaces	B
243	icc21-2144	Raziyeh Saberi	A simple and clean procedure for three-component synthesis of spirooxindoles using vanadatesulfuric acid nanoparticles in aqueous medium	B
244	icc21-2145	Seyedeh Zeinab Mousavi	Fabrication of silica based nanofibers via electrospinning method for the removal of Ni <sup>2+</sup> from polluted waters	B
245	icc21-2146	Seyedeh Zeinab Mousavi	Synthesis and fabrication of an agarose based magnetic nano-adsorbent for application in drug delivery of metformin	B
246	icc21-2150	Hakimeh Ardeshirfard	Nanoporous organosilica–titania with IL framework as a powerful catalyst for the synthesis of tetrahydrobenzo[b]pyrans	B
247	icc21-2151	Maryam neysi	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> supported ionic liquid/manganese complex (Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @IL/Mn):	B

			Preparation, characterization and catalytic application	
248	icc21-2152	Farkhondeh Dadvar	Ionic liquid/Mo6O19 complex immobilized on magnetic silica nanomaterial: A robust and highly stable catalyst	B
249	icc21-2153	Maryam nejadmirfathi	Prepare some new zinc with the help of ultrasonic New three-tooth Schiff base ligand complexes: thermal The data analyze the antimicrobial potential and DNA cleavage of antioxidant, anti-cancer and anti-burn properties in mice	B

Poster Number	Article Code	Presenter Name	Title	Presenting Group
1	icc21-1403	Milad Mohammadi Rasooll	Phosphonic acid tagged carbon quantum dots encapsulated in SBA-15 as a novel catalyst for the preparation of N-heterocycles with pyrazolo, barbituric acid and indole moieties	C
2	icc21-1404	Milad Mohammadi Rasooll	Synthesis of 1,4-dihydropyridine derivatives with indole section using bimetal-organic frameworks with phosphorous acid tags	C
3	icc21-1475	Hassan Sepehrmansourie	Recent advances in nitration reaction	C
4	icc21-1198	Hassan Sepehrmansourie	Novel synthesis metal organic frameworks with sulfonic acid tags Co-MOF-71/Imidazole/SO <sub>3</sub> H as catalyst: Its application for the synthesis of new pyrazolo[3,4-b]pyridines via a cooperative vinylogous anomeric based oxidation	C
5	icc21-1415	Hossein Ahmadi	Novel design and synthesis of Zr-MOF-UR as hydrogen bond donor catalyst: Its application for the preparation of pyrrolo[2,3-b]pyridines	C
6	icc21-1836	Mohammad Dashteh	A convenient catalytic method for synthesis of pyridines with henna and pyrazol moieties via a cooperative vinylogous anomeric-based oxidation	C
7	icc21-1393	Alireza Ataei Najari	Catalytic application of Fe/Zr-MOF-N(CH <sub>2</sub> PO <sub>3</sub> H <sub>2</sub> ) for the synthesis of fused pyridine structure with indole moieties via a cooperative vinylogous anomeric-based oxidation	C
8	icc21-1521	Fatemeh Saremi	Synthesis, characterization, and application of SrFe <sub>2</sub> O <sub>4</sub> @SiO <sub>2</sub> @n-pr@Tromethamine-Zr as a novel, green, nanomagnetic and reusable catalyst for the efficient synthesis of bis (pyrazolyl)methanes and polyhydroquinoline derivatives	C

9	icc21-1523	Mohammad Dashteh	Application of a new magnetic graphene oxide-porphyrin nanoparticles for synthesis of pyridines and pyrimidines via anomeric-based oxidation	C
10	icc21-1524	Mohammad Dashteh	Application of nano Oxovanadium(V)-[5,10,15,20-tetrakis(pyridinium)-porphyrinato]-tetra(tricyanomethanide) for synthesis of pyrimidine-6-carbonitriles, pyrimidin-5-ones, and tetrahydroquinoline-3-carbonitriles via anomeric based oxidation	C
11	icc21-1526	Farzaneh Mirzaeia	Effect of nitrogen-doped graphene quantum dots on the thermal stability of papain	C
12	icc21-1527	Amir Ghanbarpour	Synthesis and characterization of ZnFe <sub>2</sub> O <sub>4</sub> @SiO <sub>2</sub> @L-lysine@SO <sub>3</sub> H and its catalytic applications in the oxidation of sulfides to the sulfoxides	C
13	icc21-1538	Sargol Rostami	Preparation of antimony supported on bio based catalyst and its use in the synthesis of 1,2,4,5-tetrasubstituted imidazoles under thermal conditions	C
14	icc21-1540	Maryam Noori	Synthesis of Tetrahydrobenzo[a]xanthen-11-one Derivatives in the Presence of Biochar/Zinc Oxide Composite as an Efficient Nanocatalyst	C
15	icc21-1545	Zahra Sadeghian	Synthesis of Tryptanthrin Schiff Bases via One Pot and Catalyst Free Reaction	C
16	icc21-1559	Zahra Hadi Fard Ahmadvand	Preparation, characterization and theoretically investigation of NLO properties of cellulose nanowhisker citrate as green organic bionanoparticle	C
17	icc21-1400	Mahvash Yarahmadi	Study Of Effect Phenyl Rings On Electrical Field Power Of The Molecular Switch Containing Fullerene C <sub>20</sub> To Be ON State	C



18	icc21-1573	Kimia Asgharizadeh	Comparison and evaluation of CO <sub>2</sub> adsorption of activated carbon and TiO(OH) <sub>2</sub> particles	C
19	icc21-1574	Masoud Mohammadi	Mn-Schiff-base complex supported onto the silica coted FeAl <sub>2</sub> O <sub>4</sub> MNPs: A novel nanomagnetic catalytic system for Annulation Reactions	C
20	icc21-1575	Mahmood Yekdel	Synthesis and characterization of a siloxane-based crosslink agent	C
21	icc21-1584	Saeed Ghasemi Laki	Silica-based nanospheres supported Pd nanoparticles as a recyclable catalyst for the synthesis of primary amide	C
22	icc21-1585	Leila Mohammadi	A Narrative and Proficient Zeolite Catalyst of Palladium Nanoparticles-Decorated ATPS@ (2-Aminopyridine/Terephthalaldehyde) Functionalized ZSM-5, Towards The Suzuki, Miyaura and Heck Coupling Reactions	C
23	icc21-1586	Saeed Ghasemi Laki	Preparation of MIL-101-En with an ethylenediamine group for immobilizing Pd and its application in Suzuki reactions	C
24	icc21-1588	Leila Mohammadi	Palladium nanoparticles-decorated Epichlorohydrine@ $\beta$ -Cyclodextrine functionalized UiO-66-NH <sub>2</sub> as a novel and efficient MOF-Catalyst for Suzuki, Sonogashira and Heck Coupling Reactions	C
25	icc21-1589	Leila Mohammadi	Palladium nanoparticles-decorated magnetic Carbon Dot Functionalized on the Cyclodextrin Nanosponges - Biochar Hybrid as a novel and efficient Catalyst for Suzuki, Sonogashira and Heck Coupling Reactions	C
26	icc21-1590	Saeed Ghasemi Laki	Metal-organic frameworks stabilized CuI (MIL-En-CuI) for copper-catalyzed azidation/click reaction	C
27	icc21-1594	Zahra Amini	Catalyst-free tandem Michael addition/decarboxylation of coumarin-	C

			<b>3-carboxylic acids with imidazopyridine</b>	
28	icc21-1596	Behnaz Baeiszadeh	Novel probe based on rhodamine B and quinoline as a naked-eye colorimetric sensor for dual sensing heavy metals and hypochlorite	C
29	icc21-1597	Morteza Torabi	Application of ammonium acetate as dual role reagent-catalyst for the synthesis of hybrid pyridines with triazole and sulfonamide moieties	C
30	icc21-1598	Narges Zarei	Design and synthesis of magnetic nanoparticles supported urea derivatives and its catalytic application for the synthesis of new pyridines via vinylogous anomeric-based oxidation	C
31	icc21-1600	Zahra Akbari	Direct synthesis of novel symmetrical 1,3-diynes via Cu-catalyzed Glaser homocoupling reaction	C
32	icc21-1602	Zahra Alishahi	Catalytic application of a porous polymer functionalized magnetic nanoparticles for the synthesis of 1,2,4-triazoloquinazolinone	C
33	icc21-1338	Zahra Torkashvand	Design and synthesis of Ti-MOF-UR using post-modification method of Ti-based MOF as novel hydrogen bond donor catalyst for the preparation of pyrazolo[3,4-b]quinoline derivatives	C
34	icc21-1285	Fatemeh Jalili	Application of metal-organic frameworks containing sulfonic acid groups (MOFs-SO <sub>3</sub> H) for the synthesis of chromeno[4,3-d]pyrimidin derivatives via cooperative vinylogous anomeric based oxidation concept	C
35	icc21-1860	Sepideh jalali-Mola	Synthesis of triarylpyridine compounds by using phosphonium ionic liquid as catalyst via cooperative vinylogous anomeric based oxidation	C
36	icc21-1605	Mahmood Yekdel	Effect of polymerization time on monomer conversion in a semi-batch	C

			emulsion polymerization of styrene and butyl acrylate	
37	icc21-1608	Amir Masoud Hosseini	A new magnetic organic polymer: catalytic application for the synthesis of 4,6-diarylpyrimidin-2(1H)-one	C
38	icc21-1609	Bahareh Vandaei	Synthesis of magnetic organic polymer as new heterogeneous catalyst and its application for the synthesis of 2,3-dihydroquinazolin-4(1H) ones	C
39	icc21-1360	Sima Kalhor	Catalytic application of Ti-based metal-organic frameworks for the preparation of novel tetrahydropyrido[2,3-d]pyrimidine derivatives	C
40	icc21-1385	Elham Tavakoli	Catalytic application of UiO-66-NH <sub>2</sub> /TCT/2-Py@Cu for the synthesis of pyrazolo[3,4-b]pyridine derivatives via cooperative vinylogous anomeric-based oxidation	C
41	icc21-1391	Elham Tavakoli	Incorporation of phosphorous acid tags into UiO-66-NH <sub>2</sub> as porous and heterogeneous catalyst for the preparation of novel spiro-oxindoles	C
42	icc21-1612	Ali Reza Akbari	Catalytic application of magnetic nanoparticles anchored deep eutectic solvent for the synthesis of pyranopyrazoles	C
43	icc21-1614	Elham Aghaghafari	Improving properties of inside tire paint by amphiphilic polyurethane as a dispersant to extend the life of the bladder into the tire production process	C
44	icc21-1617	Maedeh Rabiei	Synthesis of 3-phenethyl-5-(benzoylmethylene)-4-oxo-2-thioxo-1,3-thiazolidine derivatives via solvent-free reaction between arylglyoxals and rhodanines	C
45	icc21-1621	Ahmad Jafari	ZnFe <sub>2</sub> O <sub>4</sub> @SiO <sub>2</sub> @l-Lisin@Cr-EDTA-MOF: Synthesis, characterization and	C

			its catalytic applications for the chemoselective Oxidation of sulfides	
46	icc21-1626	Emine SALAMCI	Regioselective Synthesis of $\beta$ -Amino Acid Derivatives Containing Cyclooctane Ring	C
47	icc21-1633	Faeze Jafari-Jozani	Novel Preparation of Modified Biochar as Bronsted acid catalysis for Biginelli Synthesis of 3,4-Dihydropyrimidin-2(1H)-one	C
48	icc21-1635	Arash Ghorbani-Choghamarani	FDU@n-Pr-chromotropic acid organic-inorganic hybrid mesoporous nanocatalyst: as a highly efficient and reusable promoter for the synthesis of chromeno[2,3-d] pyrimidine-8-amine and tetrahydrobenzo[b]pyran derivatives	C
49	icc21-1648	Nazila Hamidi Saritappeh	Titanium metal and Hexane Recovery From Catalyst Slurry In the Polyethylene Production Process	C
50	icc21-1650	Ali Akbar Abdolzadeh	Study of Difficulties in the Expanded Poly Styrene Coating Process and Suggestion to Overcome Agglomeration of Final Product	C
51	icc21-1651	Leila Mohammadi	A Narrative and Proficient MOF Catalyst of Gold-Nanoparticles-Decorated Epichlorohydrine@Poly dopamine functionalized UiO-66-NH <sub>2</sub> as a novel and efficient MOF-Catalyst for A <sub>3</sub> -Coupling reaction	C
52	icc21-1655	Khadijeh Ojaghi Aghbash	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @DABCO as a Magnetically Separable Nanocatalyst for Highly Efficient Knoevenagel Condensation Under Clean Condition	C
53	icc21-1659	Samereh Seyfi	A Convenient Synthesis of Functionalized Tricyclic Frameworks Containing an Azocine Moiety	C
54	icc21-1681	Mahnaz Javid	Nanofibrous electroconductive scaffolds based on poly(vinyl alcohol),	C

			polyaniline, and polythiophene for skin tissue engineering applications	
55	icc21-1683	Samira Moein Najafabadi	Preparation and characterization of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> /APTPOSS core-shell composite nanomagnetics and their application in the one-pot synthesis of 4H-pyrans derivatives	C
56	icc21-1688	Maryam Hajjami	Functionalized HMS as efficient mesoporous catalyst for synthesis of tetrahydrobenzo[b]pyran and 1,4-dihydropyrano[2,3-c]pyrazole derivatives	C
57	icc21-1698	Minoo khodadoost	The incorporation of indometharin drug to 2-hydroxyethyl methacrylate n ethacrylate Hydrophile and hydrophobe copoly mers by esterification reaction and Study of its releasing in physiologic conditions	C
58	icc21-1702	Fatemeh Mobayyen Jarihani	Synthesis novel 1,3,4-thiadiazoles with homotaurine moiety	C
59	icc21-1704	Zahra Toozandeh Jani	Synthesis of magnetofluid containing metal oxides and their application in Suzuki and Heck reactions	C
60	icc21-1705	Somayeh Fekri	A New Bis(NHC)-Pd(II) Complex Supported on Magnetic Mesoporous Silica, SBA-15, for Dehalogenation of Aryl Halides	C
61	icc21-1708	Mohammad Bayatani	Multi-component synthesis of the 2'-aminobenzothiazolomethylnaphthols by using a new magnetic porous polymeric catalyst	C
62	icc21-1716	Sajad Mohammadian Souri	One-Pot Synthesis of 1,4-Dihydropyridines via the Catalyzed Hantzsch Three-Component Reaction by [Fe <sub>3</sub> O <sub>4</sub> @- SiO <sub>2</sub> @(CH <sub>2</sub> ) <sub>3</sub> -AP-SO <sub>3</sub> H/HCl	C
63	icc21-1719	Sara Aghili	Copper ferrite nanoparticles catalyzed formation of β-Ketophosphonates via oxyphosphorylation of styrenes with H-	C

			<b>phosphonates: A DFT study on UV–vis absorption spectra</b>	
<b>64</b>	<b>icc21-1721</b>	<b>Mohsen Moadeli</b>	<b>Preparation and properties of biobased amphiphilic random polyurethane</b>	<b>C</b>
<b>65</b>	<b>icc21-1724</b>	<b>Fatemeh Nasseri</b>	<b>A Cu-Ni bimetallic magnetic nanocatalyst: a novel, efficient, magnetically and recyclable catalyst for Sonogashira reaction</b>	<b>C</b>
<b>66</b>	<b>icc21-1732</b>	<b>Fatemeh Mobayyen Jarihani</b>	<b>Synthesis Novel N-substituted 1,2,4-thiadiazole derivatives</b>	<b>C</b>
<b>67</b>	<b>icc21-1733</b>	<b>Erfan Abdoli</b>	<b>Biginelli-type synthesis of new dihydropyrimidinones in the presence of a porous polymer functionalized Fe<sub>3</sub>O<sub>4</sub> nanoparticles</b>	<b>C</b>
<b>68</b>	<b>icc21-1127</b>	<b>Milad Naseri</b>	<b>Enhance catalytic performance of SAPO-34 by addition Simultaneous dried seed and PEG in Methanol to Olefins reaction</b>	<b>C</b>
<b>69</b>	<b>icc21-1340</b>	<b>Milad naseri</b>	<b>Effect of various amount of zirconium on Physicochemical Properties and Catalytic Performance of SAPO-34 catalyst in methanol to olefins conversion</b>	<b>C</b>
<b>70</b>	<b>icc21-1745</b>	<b>Khadijeh Ojaghi Aghbash</b>	<b>Copper Anchored onto Functionalized MCM-41 as a New and an Efficient Heterogeneous Nanocatalyst for the Synthesis of Benzothiazoles</b>	<b>C</b>
<b>71</b>	<b>icc21-1750</b>	<b>Khadijeh Ojaghi Aghbash</b>	<b>Cu-Ethylene glycol Complex Anchored onto Functionalized Si-MCM-41: as Promise, Reusable and Regioselective Nano-catalyst for Click Reaction</b>	<b>C</b>
<b>72</b>	<b>icc21-1754</b>	<b>Khadijeh Ojaghi Aghbash</b>	<b>Anchored Ni- ethylene glycol complex in functionalized Fe<sub>3</sub>O<sub>4</sub>@Si-MCM-41 nanoparticles: magnetically new and effective heterogeneous catalysts for the clean synthesis of dicoumarols</b>	<b>C</b>
<b>73</b>	<b>icc21-1760</b>		<b>Preparation of NiCuFe<sub>2</sub>O<sub>4</sub> NPs and use as a reusable magnetic nanocatalyst</b>	<b>C</b>

		<b>Azin Alipour</b>	<b>for synthesis of xanthene derivatives under ultrasound conditions</b>	
<b>74</b>	<b>icc21-1763</b>	<b>Zeinab Shirvandi</b>	<b>Efficient synthesis of magnetic MCM-41 nanoparticles with zirconium complex and its application for C-S bonds formation</b>	<b>C</b>
<b>75</b>	<b>icc21-1766</b>	<b>Leila Mohammadzadeh</b>	<b>Hybrid nanofibrous scaffolds for cutaneous tissue engineering: Preparation, characterization, and antibacterial properties</b>	<b>C</b>
<b>76</b>	<b>icc21-1767</b>	<b>Marzie arizavi</b>	<b>An efficient catalyst-free synthesis of novel pyrimidoquinolines and spiroindoline pyrido-dipyrimidines</b>	<b>C</b>
<b>77</b>	<b>icc21-1770</b>	<b>Zeinab Shirvandi</b>	<b>Palladium (0)-functionalized magnetic MCM-41 nanoparticles: as an efficient and reusable catalyst for carbon-carbon bonds formation</b>	<b>C</b>
<b>78</b>	<b>icc21-1772</b>	<b>Maryam Khalili</b>	<b>Synthesis of Novel 2-amino-5-oxo-4-phenyl-4,5,7,8,9,10-hexahydrobenzo[4,5]thiazolo[3,2-a]pyrano[2,3-d]pyrimidine-3-carbonitrile via One-pot Three-component Reaction.</b>	<b>C</b>
<b>79</b>	<b>icc21-1773</b>	<b>Maryam Khalili</b>	<b>Synthesis of novel spiro[chromeno[2,3-d][1,3,4]thiadiazolo[3,2-a]pyrimidine-10,3'-indoline]-2',9,11-trione via three component reaction</b>	<b>C</b>
<b>80</b>	<b>icc21-1774</b>	<b>AmirMahdi Tavassoli</b>	<b>Preparation of new hybrid azabenzene systems in the presence of magnetic nanoparticles as catalyst</b>	<b>C</b>
<b>81</b>	<b>icc21-1783</b>	<b>AmirMahdi Tavassoli</b>	<b>Vivid catalytic application of magnetic nanoparticles (MNPs) at the synthesis of linked imidazo[1,2-a]pyridine ring systems</b>	<b>C</b>
<b>82</b>	<b>icc21-1792</b>	<b>Mohsen Rezaei</b>	<b>Synthesis and antioxidant properties of benzylic acid derivative bromophenols including natural products</b>	<b>C</b>
<b>83</b>	<b>icc21-1800</b>	<b>Tuncay Tunç</b>	<b>2-[(2E)-2-(3-chloro-4-fluorobenzylidene)hydrazinyl]pyridine:</b>	<b>C</b>

			<b>Synthesis, Spectroscopic, Structural Properties and Theoretical Analysis</b>	
<b>84</b>	<b>icc21-1547</b>	<b>Fatemeh Masoumi</b>	<b>Electrosynthesis of layered double hydroxides on the surface of graphene electrodes</b>	<b>C</b>
<b>85</b>	<b>icc21-1548</b>	<b>M.Darsaraei</b>	<b>Classification of CC Chemokine Receptor Inhibitors: A Computational Journey Leading to Drug Discovery</b>	<b>C</b>
<b>86</b>	<b>icc21-1550</b>	<b>Aysa Abbasalizadeh</b>	<b>Magnetic nanoparticles coated with tannin as a new sorbent in dispersive solid phase extraction using deep eutectic solvent for extraction of phenolic compounds from industrial wastewater samples prior to GC-MS/MS determination</b>	<b>C</b>
<b>87</b>	<b>icc21-1551</b>	<b>Aysan rafipoure</b>	<b>Quantification of individual and total major sterols contents of butter by gas chromatography</b>	<b>C</b>
<b>88</b>	<b>icc21-1552</b>	<b>Zeynab Khorablou</b>	<b>Carbon selenide nanofilms supported on a wearable conductive textile as a freestanding sensing interface for pethidine detection</b>	<b>C</b>
<b>89</b>	<b>icc21-1553</b>	<b>Aysa Abbasalizadeh</b>	<b>Dispersive micro solid phase extraction of several ultraviolet filters from hygiene samples using deep eutectic solvent-modified graphene oxide nanoparticles prior to their determination by HPLC-MS/MS</b>	<b>C</b>
<b>90</b>	<b>icc21-1554</b>	<b>Sona Tabaghchi</b>	<b>Determination of nitrite in water samples based on a starch adhesive-iodide system using a simple spectrophotometric method</b>	<b>C</b>
<b>91</b>	<b>icc21-1555</b>	<b>Aysan rafipoure</b>	<b>Estimated intake of sweeteners, Aspartame and Acesulfame-k in Soft Drinks by HPLC-DAD</b>	<b>C</b>
<b>92</b>	<b>icc21-1556</b>	<b>Aysa Abbasalizadeh</b>	<b>Development of dispersive solid phase extraction based on a super hydrophobic metal organic framework for the extraction and preconcentration</b>	<b>C</b>



			of several pesticides from fruit juices prior	
93	icc21-1557	Zeynab Khorablou	MXene/NiONPs nanolayer as an efficient supporting substrate in the electrochemical aptasensor fabrication for methamphetamine detection	C
94	icc21-1558	Aysa Abbasalizadeh	Application of riboflavin as a green sorbent in dispersive $\mu$ -solid phase extraction combined with deep eutectic solvent based dispersive liquid-liquid microextraction for sample preparation of some pesticides from vegetable samples prior to GC-FID and GC-MS	C
95	icc21-1567	Roya Tizro	Preparation of Monolithic Membrane Sorbent based on Polyethersulfone-Natural Polymers Composite and its Application in the Extraction of Bisphenol A	C
96	icc21-1569	Hossein Dadras Moghaddam	Ferrofluid-based liquid-liquid microextraction method for separation and determination of uric acid in biological samples	C
97	icc21-1578	Sareh Parsapour	Trace quantification of dimethyl phthalate in fruit juice and water samples based on STA-12(Fe) as an efficient sorbent	C
98	icc21-1580	Mansoureh Mahmoodi	Deep eutectic solvent-based emulsification liquid-liquid microextraction method for separation and determination of allura red in food samples	C
99	icc21-1581	Zahra Fathipour	Evaluation of activated charcoal infused dental floss as a viable sorbent for preconcentration and extraction of pesticide residues from fruit juices	C
100	icc21-1601	Marzieh Naderi	Sono Fenton degradation of phenazopyridine by FeMnO <sub>3</sub> magnetic nanocomposite	C

101	icc21-1755	Marzieh Naderi	Decolorization of methylene blue by a heterogeneous sono-Fenton process using FeMnO <sub>3</sub> nanocatalyst	C
102	icc21-1611	Saiedeh Agh Atabay	Detection of HER2 breast cancer biomarker using an antibody-based label-free electrochemical immunosensor	C
103	icc21-1618	Sorour karimi	Functionalized silica particles by MPTS as a novel sorbent for microextraction in packed syringe of Pb(II) ions prior to determination by graphite furnace atomic absorption spectroscopy	C
104	icc21-1623	Pegah Panahi	Fe (III) doped TiO <sub>2</sub> nanoparticles prepared by high energy ball milling as sensitive electrochemical sensor	C
105	icc21-1630	Elnaz Marzi Khosrowshahi	Experimental and density functional theoretical modeling of pesticides extraction by Mxene as a DSPE sorbent before HPLC-MS/MS analysis	C
106	icc21-1631	Kosar Parvizzad	Development of a pH-induced dispersive solid phase extraction method with dispersive liquid-liquid microextraction; Application in the extraction of Cu(II) and Pb(II) ions from water and fruit juice samples	C
107	icc21-1636	Saba S. M. Al-Obaidy	Improving the antimicrobial activity of Apigenin loaded into shellac nanoparticles	C
108	icc21-1638	Sakha Pezhhanfar	Application of MIL-68 (Al)-based dispersive micro solid phase extraction method followed by dispersive liquid-liquid microextraction for the detection and determination of plasticizers	C
109	icc21-1639	Sakha Pezhhanfar	Introduction of a sample preparation procedure using MIL-53 (Fe) for the extraction of pesticides from different fruit juices	C
110	icc21-1641	Sakha Pezhhanfar	Development of an extraction method based on UiO-66 for the detection and	C

			determination of some pesticides in juice samples using GC-FID	
111	icc21-1642	Kosar Parvizzad	Synthesis of a magnetic sorbent; application in the extraction of Cu (II) and Pb (II) ions from milk performed in a narrow-bore tube	C
112	icc21-1644	Parisa Haddadi Esfahlan	Determination of trace amount of As(V) in water samples based on a new Liquid phase microextraction and molybdenum blue method	C
113	icc21-1645	Sorour karimi	Preconcentration of As(III) by chitosan graphene quantum dots via microextraction in packed syringe followed by quantitation through graphite furnace atomic absorption spectrometry	C
114	icc21-1646	Saba Parandeh	Electrochemical study of orthotolidine and its use in electrosynthesis of new derivatives	C
115	icc21-1647	Shohreh Raesi	Characterizing rGO@ZIF-67 Nano-MOF as an Enhanced Visible Light-Harvesting and Fast Charge Carrier Separation for Effective Surface Photoreaction on Photodegradation of Methylene Blue	C
116	icc21-1652	Monavvar Esmaeilzadeh	Column solid phase extraction and determination of trace amounts of chromium by modified zeolite	C
117	icc21-1653	Farideh Maleki	Hydrophobic thymol-based natural deep eutectic solvents as a green extraction media for air-assisted homogeneous liquid-liquid micro-extraction of phenol and di hydroxyl benzens	C
118	icc21-1654	Farideh Maleki	In-syringe dispersive micro-solid phase extraction method for the HPLC-UV determination of dopamine, epinephrine and norepinephrine	C
119	icc21-1656	Farideh Maleki	Fabrication of a magnetic dual-template molecularly imprinted	C

			polymer based on modified magnetic graphene oxide	
120	icc21-1758	Farideh Maleki	Air-assisted liquid-liquid microextraction based on solidification of floating deep eutectic solvent for the analysis of antibiotics	
121	icc21-1657	Mahtab Yosefi	Electrochemical Study of Azoxybenzene and its Application in the Electrosynthesis of New Azoxybenzene Derivatives	C
122	icc21-1663	Sedighe Alizadeh	Removal of Crystal violet from wastewater by magnetic HKUST-1 metal-organic framework	C
123	icc21-1670	Monireh Zamani-Kalajahi	Determination of Vancomycin in Plasma Samples Using Magnetic Solid-Phase Extraction Coupled to Liquid Chromatography-Tandem Mass Spectrometry	C
124	icc21-1673	Monireh Zamani-Kalajahi	Determination of vitamins B1 and B6 in infant formula and food supplement samples using magnetic Mg/Fe layered double hydroxide nanoadsorbent before liquid chromatography-tandem mass spectrometry	C
125	icc21-1676	Elnaz Marzi Khosrowshahi	Application of magnetic functionalized carbide in effervesces-assisted DSPE combined with DLLME for several pesticides extraction from fruit juice	C
126	icc21-1677	Samin Hamidi	Investigation of amino acid profiles for prostate cancer biomarkers using magnetic dispersive solid-phase extraction	C
127	icc21-1680	Elnaz Marzi Khosrowshahi	Development of air agitated dispersive solid-phase extraction in combination with dispersive liquid-liquid microextraction for pesticides extraction before GC-MS analysis	C
128	icc21-1682	Elnaz Marzi Khosrowshahi	HPLC-MS/MS determination of Linagliptin and Empagliflozin after their extraction by LDH/N-doped	C

			carbon nitride composite from spiked plasma samples	
129	icc21-1685	Samin Hamidi	Inventing a bacteriocidal porous cryogel for immediate disinfection of contaminated water on site	C
130	icc21-1686	Elnaz Marzi Khosrowshahi	UiO-66-based metal organic framework for dispersive solid-phase extraction of vanillylmandelic acid from urine before analysis by capillary electrophoresis	C
131	icc21-1687	Sohrab Ershad	study of electrochemical behaviour of salbutamol on electrodes modified with MWCNT	C
132	icc21-1689	Mahdiyeh Radman	Development of biodiesel production through electrochemical processes using graphite electrodes modified with carbon quantum dots	C
133	icc21-1691	Aysan Hajipour	Development of new liquid phase microextraction based on the in-situ formation of deep eutectic solvent for extraction of several phthalate esters from hard-shelled drug capsules before GC analysis	C
134	icc21-1695	Azam Ghavi	Mineralization of pirimicarb insecticide and paraquat herbicide in aqueous solution using advanced oxidation processes	C
135	icc21-1696	Mina Nouri Dokht Herab	Development of a simple and inexpensive liquid phase microextraction for spectrophotometric determination of orthophosphate in water samples	C
136	icc21-1707	Hadiseh Rezaei	3D printed solid phase microextraction scaffolds as novel tool for sample preparation; application in antifungal drugs analysis	C
137	icc21-1710	Narmin Mirabi	Functional carbon quantum dots from natural materials as an eco-friendly corrosion inhibitor for copper in NaCl 3.5% solution	C

138	icc21-1712	Maryam Mahdizadeh	Highly selective and sensitive determination of tartrazine in food samples using carbon quantum dots as a fluorescent probe.	C
139	icc21-1723	Sepideh Asadi	Synthesis of a pH-sensitive polymer nanoparticle for drug delivery by aerosol method	C
140	icc21-1728	Samaneh Makani	A novel electrochemical platform based on covalent organic framework integrated with Pt nanoparticles and multiwalled carbon nanotubes for determination of dopamine in human serum	C
141	icc21-1729	Hamideh Imanzadeh	Electrochemical nanosensor based on magnetic nanoparticles for the determination of morphazinamide HCl	C
142	icc21-1737	Mahshid Manouchehri	A new approach to synthesis of nano precipitated calcium carbonate based on ion transfer method through liquid membrane	C
143	icc21-1738	Mehrdokht Hosseini Haghghi	Smartphone-based colorimetric determination of nickel in aqueous	C
144	icc21-1741	Mahshid Manouchehri	Trace measuring of parabens in maternal milk samples via $\mu$ SPE based on LDH modified graphene oxide nanomaterial as an impressive sorbent	C
145	icc21-1742	Laleh Adlnasab	Aminoacid-intercalated layered double hydroxide as highly selective and efficient sorbent for mercury extraction from water and real samples	C
146	icc21-1530	Pouran Pouurhakkak	Study of the effects of fullerene and five anticoagulants drug with computational chemistry	C
147	icc21-1564	Turana Babayeva	Catalytic Activity of Zeolites Modified by Cr and Mo Nanopowders in the Conversion of Methanol to Hydrocarbones	C

148	icc21-1640	N. Foghahazade	Study of photocatalytic activity of ZnO/Bi <sub>2</sub> WO <sub>6</sub> /Br <sub>2</sub> (40%) nanocomposite	C
149	icc21-1713	Vusala Nabi Jafarova	First-principles calculation the magnetic properties of Mn-doped ZnSe	C
150	icc21-1734	Safiye Moaf	Dielectric Investigation of binary systems of alcohol-solvent using different dielectric models	C
151	icc21-1740	Elham Gholamrezai Kohan	Adsorption of SO <sub>2</sub> gas on two different SWCNTs: A DFT study	C
152	icc21-1743	Aliasghar Mohammadi	Adsorption kinetics of surface-modified nanoparticles onto a solid surface	C
153	icc21-1749	Hossein Mohammadi-Manesh	First principle study of structural and electronic properties of nitrogen and boron doped superprismane	C
154	icc21-1753	Hossein Mohammadi-Manesh	Density Functional Study of Structural Stabilities, Electric and Magnetic Properties of Formamide Adsorption on prue Nanotube	C
155	icc21-1817	Shiva Yahyazadeh kohkamar	Influence of a salt on the liquid- liquid equilibrium data of (water + propanoic acid + ester) ternary system	C
156	icc21-1841	Zeynab Ahmadi	Design Of Novel Molecular Switch Using The C <sub>24</sub> Fullerene And Electrode Of Ag	C
157	icc21-1844	Nafiseh Mohammadi-rad	A density functional theory study on the defect stabilized Fe atom on porous BN sheet as a potential electrocatalysts for oxygen reduction reaction	C
158	icc21-1864	Masumeh Mokhtarpour	Investigation of curcumin solubility in the presence of deep eutectic solvents as novel green solvents	C
159	icc21-1865	Masumeh Mokhtarpour	Effect of choline-based deep eutectic solvents on the thermodynamic properties of phenytoin drug	C

160	icc21-1866	Masumeh Mokhtarpour	Ultrasonic-assisted extraction of curcuminoids from turmeric by using some green solvents	C
161	icc21-1867	Masumeh Mokhtarpour	Thermophysical properties study of protic ionic liquid 2-hydroxyethylammonium lactate for thermal energy storage systems	C
162	icc21-1869	Behnaz. Mohammadi Khanghah	Green Separation of Azeotropic Mixture (Hydrocarbon + Alcohol) Using Deep Eutectic Solvent	C
163	icc21-1875	Faeze. Sadegh Shahrestani	Investigation of liquid-liquid equilibrium of ternary system (water + acetic acid + organic solvent) at T=298.2 K	C
164	icc21-1890	A.H. Nakhaee	study of liquid-liquid phase equilibria ternary systems of (water + acetic acid + styrene) at T=298.2 and 308.2: Measurement and modeling	C
165	icc21-1891	Soheyl Vaali	Excess molar volumes and excess isentropic compressibilities of binary mixtures of 3-Amino-1-propanol, N,N-dimethylacetamide and cyclohexanone at 298.15 K and ambient pressure	C
166	icc21-1919	Parisasadat Mousavian	Efficient hydrogen storage on Al decorated C <sub>24</sub> N <sub>24</sub> : a DFT study	C
167	icc21-11900	Parisasadat Mousavian	Ca coated B <sub>40</sub> fullerene: A promising material for CO <sub>2</sub> storage and separation	C
168	icc21-1898	Parisasadat Mousavian	Activation of the methane C–H bond by Al- and Ga-doped graphenes: a DFT investigation	C
169	icc21-1901	Parisasadat Mousavian	Methane oxidation into methanol catalyzed by TM-anchored C <sub>24</sub> N <sub>24</sub>	C
170	icc21-1902	Parisasadat Mousavian	Sc-functionalized porphyrin-like porous fullerene for CO <sub>2</sub> storage and	C
171	icc21-1141	Parisasadat Mousavian	Catalytic role of graphitic nitrogen atoms in the CO oxidation reaction	C



			over N-containing graphene: a first-principles mechanistic evaluation	
172	icc21-1583	Arefeh Ahadi	Hydrothermal synthesis of TiO <sub>2</sub> /PbTiO <sub>3</sub> perovskite nanocomposites for enhanced photocatalytic performance	C
173	icc21-1587	Saeedeh Khadivi Derakhshan	Synthesis of Mn-citric acid modified cysteine complexes and investigation of their antioxidant activity	C
174	icc21-1591	Nahideh Sadegpour shadbad, Zolfaghar Rezvani	Syntheses and characterization of organic-inorganic Nano hybrids of Allura red AC and layered double hydroxides based on Some Transitional elements and study of their photoluminescence properties	C
175	icc21-1593	Marzieh Daryanavard	A tris(diimine) Ni(II) complex: Solid-state structure, interaction with biomolecules, molecular modeling, and cytotoxic activity on cancer cells	C
176	icc21-1595	Marzieh Daryanavard	Preparation of new bidentate chelates by activation of diols in the presence of [Os(PQ) <sub>3</sub> ](PF <sub>6</sub> ) <sub>2</sub> for biological applications	C
177	icc21-1632	Payam Ansari	Synthesis and characterization of novel Cl-CQDs/NiFe <sub>2</sub> O <sub>4</sub> nanocomposite	C
178	icc21-1662	Hojatollah Fatemikia	Synthesis and characterization of a new hexadentate N-donor ligand and related Cu(II), Co(II), and Ni(II) complexes, X-ray crystal structure of Cu(II) complex	C
179	icc21-1666	Hojatollah Fatemikia	The X-ray crystal structure, biological capabilities, and molecular docking studies of the Cu(II) complex with a ligand containing homopiperazine moiety	C
180	icc21-1667	Hojatollah Fatemikia	Crystal structure, the potential of inhibition of acetylcholinesterase (AChE) by molecular docking study, and evaluation of the anti-cancer	C

			<b>activity of Ni (II) complex having N-donor ligand</b>	
<b>181</b>	<b>icc21-1668</b>	<b>Hojatollah Fatemikia</b>	<b>Investigation of new nitroaromatic ligand and its copper (II) and zinc (II) complexes using molecular docking technique as glutathione reductase inhibitors</b>	<b>C</b>
<b>182</b>	<b>icc21-1692</b>	<b>Mohammad Reza Azizi Kasin</b>	<b>Reduction of pollution in Landfill leachate of Urmia city by using pozzolan</b>	<b>C</b>
<b>183</b>	<b>icc21-1697</b>	<b>Marjan Ghazimoradi</b>	<b>Synthesis and characterization of magnetic-mesoporous CoFe<sub>2</sub>O<sub>4</sub>/mSiO<sub>2</sub>/NH<sub>2</sub>/Poly(MAA-co-IA) core/double shells nanomaterial</b>	<b>C</b>
<b>184</b>	<b>icc21-1699</b>	<b>Marjan Ghazimoradi</b>	<b>Synthesis and characterization of magnetic-luminescent and mesoporous core-shell-structured nanocomposite</b>	<b>C</b>
<b>185</b>	<b>icc21-1700</b>	<b>Leila Shokri Lak</b>	<b>Antioxidant activity of copper and zinc complexes with new water-soluble hydrazone ligand</b>	<b>C</b>
<b>186</b>	<b>icc21-1703</b>	<b>Maryam Hamidi</b>	<b>Synthesis and characterization of new aluminum and gallium complexes of water-soluble thiosemicarbazones</b>	<b>C</b>
<b>187</b>	<b>icc21-1706</b>	<b>Alireza Saghebi</b>	<b>The electrocatalytic performance of Fe<sub>2</sub>O<sub>3</sub>/CuO nanocomposites for glucose detection</b>	<b>C</b>
<b>188</b>	<b>icc21-1717</b>	<b>Reza Kazem Shoar</b>	<b>Investigation of the alcohol group protecting by nickel macrocyclic complexes from oxidation to aldehydes</b>	<b>C</b>
<b>189</b>	<b>icc21-1720</b>	<b>Enayat Afsar</b>	<b>Removal of copper and Sulfate compounds from Sungun's acid mine drainage by sulfate-reducing bacteria in a DFFB anaerobic reactor</b>	<b>C</b>
<b>190</b>	<b>icc21-1726</b>	<b>Mehri Aligholivand</b>	<b>Cadmium(II) complex with N<sub>2</sub>O<sub>2</sub>-donor salophen and azide ligands: Synthesis and spectroscopic properties</b>	<b>C</b>

191	icc21-1730	Mohsen Eisari	Catalytic removal of chemical warfare simulant using UiO-66 and UiO-66(NH <sub>2</sub> ) MOFs	C
192	icc21-1748	Mahnaz Adinehloo	Synthesis and characterization of reduced graphene oxide/lanthanide ions nanocomposite for photo-degradation of methylene blue dye	C
193	icc21-1771	Mohammad Reza Azizi Kasin	Leaching of sulfide concentrate of Sungun copper complex in sulfuric acid medium with addition of sodium chloride along with microwave irradiation	C
194	icc21-1782	Mohammad Reza Azizi Kasin	Leaching of sulfide concentrate of Sungun copper complex in sulfuric acid medium via oxygen application	C
195	icc21-1785	Bahman Soleimani	Construction of carbon adsorbent to remove copper from Pakhir river drainage of Sungun copper mine	C
196	icc21-1790	Nafiseh Jalilian	New Dual-Functional Metal Organic Frameworks as Platform for Hg <sup>2+</sup> Ion Adsorption	C
197	icc21-1795	Pariya Behpour-Rezaeiyyeh	Enhancing the efficiency of polyvinyl alcohol/ sodium alginate/ chitosan-based composites using algae biomass and Fe-MOF for wound healing and tissue engineering applications	C
198	icc21-1796	Gelareh Ghaneizarrinjuy	Enhancing Hydroxyapatite characterization using some Microalgae as Porous Scaffold in Bone Tissue Engineering	C
199	icc21-1804	Mohammad Reza Azizi Kasin	Leaching of sulfide concentrate of Sungun copper complex in hydrochloric acid medium with addition of hydrogen peroxide and ethylene glycol	C
200	icc21-1819	Melek Hajji	Structural and computational characterization of the homopolar dihydrogen interactions	C

201	icc21-1835	Farhad Azizafshari	Leaching of copper arsenic mineral in hydrochloric acid medium with calcium chlorite additive	C
202	icc21-1838	Hamidreza Rahmani	Synthesis of cadmium sulfide nanorods modified with Ag nanoparticles for photocatalytic degradation of Rhodamine B pollutant	C
203	icc21-1870	Sara Amiri	Efficient thin film photocatalyst of UiO-66/Ag <sub>2</sub> O heterojunction within Cr(VI) reduction reaction	C
204	icc21-1887	Anasheh Maridiroosi	Effects of magnetic graphene oxide on the improvement of ZnTiO <sub>3</sub> nanocomposite for solar light-induced photodegradation of Azo dyes	C
205	icc21-1893	Parastou Gharaei	Inorganic-organic hybrid based on the preyssler polyoxometalate, synthesis and application	C
206	Icc21-1537	Zohreh Gaikani	Inhibitive effect of synthesized 2-(((1H-3-tetraazole) imino) methyl)-4-bromophenol as a corrosion inhibitor for mild steel in hydrochloric acid medium	C
207	Icc21-1544	Hedayat Darijani	Measurement of chloride in colored water of the radiator with a conductometer	C
208	Icc21-1560	Nadia Jafaei	A process for the production of catalysts and the production of catalyst-based liquid propane gas	C
209	Icc21-1562	Mahrokh Bahramian	Synthesis of nanocomposite containing metal organic framework, graphene oxide and cobalt-zinc spinel ferrite for removing cationic blue 41 dye	C
210	icc21-1490	Maryam Mehraban	Fabrication of Impedimetric Sensor Based on Metal Nanoparticle for Determination of Mesna Anticancer Drug	C
211	Icc21-1565	Nadia Jafaei	Natural zeolite, a useful adsorbent for purification	C

212	Icc21-1570	Bahareh Rabeie	Green synthesis of TiO <sub>2</sub> @ZIF-8 nanocomposite for dye and pharmacological pollutant degradation from water	C
213	Icc21-1576	Bahareh Rabeie	The photocatalytic ability of the embedded graphene quantum dot in the zeolite imidazolate framework (ZIF-8) to remove pharmacological contaminants	C
214	Icc21-1616	Bahareh Rabeie	Effect of different metal-organic framework morphologies on contaminants removal from the aquatic environment	C
215	Icc21-1649	Nargess Yousefi-Limaee	Removal of a textile cationic dye using Bentonite, ZnO nanoparticles and ZnO-modified bentonite as an adsorbent and photocatalyst in a separate and combined methods	C
216	Icc21-1802	Nargess Yousefi-Limaee	Reuse of paint sludge for the modification of bitumen and its effect on the physical properties of bitumen	C
217	Icc21-1674	Rauf Foroutan	Investigation of the kinetic behavior of crystal violet dye adsorption process from aqueous solution using bio-charcoal prepared from conifer cone	C
218	Icc21-1679	Nazila Vahid Mahdinia	Synthesis of new Crown ethers compound for water purification	C
219	Icc21-1701	Niloufar Fathi majd	Development of polyvinyl alcohol/polysulfone thin-film composite membrane modified with multi-walled carbon nanotubes	C
220	Icc21-1715	Mohsen Bahoosh	Modifications made to the membrane shape and membrane modules of osmosis-based processes to improve the performance of the desalination process	C
221	Icc21-1731	Fatemeh Abadian-Naeini	Optimization of Experimental Conditions for Eco-friendly Preparation of Nano Silica from an Industrial Waste	C

222	Icc21-1736	Aliasghar Mohammadi	Microreactor-assisted continuous synthesis of a quaternary ammonium	C
223	Icc21-1739	Aliasghar Mohammadi	Continuous synthesis of tertiary amines in microreactors	C
224	Icc21-1768	Hadi Karbalaee Abbas	Fluoxetine degradation in aqueous media with homogeneous ferrous-assisted UV-LED/persulfate process	C
225	Icc21-1784	Mahya Alamdar	Carbon nanotubes-incorporated Fe <sub>3</sub> O <sub>4</sub> /MIL-53(Cu) as novel Fenton-like catalyst for degradation of acid orange 7	C
226	icc21-1610	Paria Alizadeha	Enrichment of <i>Symphytum officinal</i> extract by macro-porous resins and optimization of resin parameters	C
227	icc21-1619	Ziba Hajibabazadeh	Chitosan-coated alginate microcapsule of <i>Urtica dioica</i> hydroalcoholic extract	C
228	icc21-1622	Fatemeh Ghaffari	Metabolic Profiling and Biological Activities of <i>Terminalia chebula</i> , <i>Rosa canina</i> , and <i>Nigella sativa</i> Extracts	C
229	icc21-1926	Fatemeh Ghaffari	Antibacterial Activity of <i>Pimpinella anisum</i> , <i>Carum copticum</i> , and <i>Heracleum persicum</i> Extracts	C
230	icc21-1624	Zahra Sadeghi	Chemical composition and insecticidal effects of <i>salvia yangii</i> leaves and flowers essential oils against <i>Phthorimaea operculella</i>	C
231	icc21-1627	Zahra Sadeghi	Essential oil chemical composition and leaf morphology of <i>Salvia rhytidea</i> and <i>Salvia yangii</i> aerial part from Taftan region	C
232	icc21-1628	Zahra Sadeghi	Bioactive diterpenoids of <i>Salvia</i> subgenus <i>perovskia</i> , emphasizing Iranian species	C
233	icc21-1629	Zahra Sadeghi	Chemical composition of <i>Artemisia aucheri</i> aerial part essential oils from two different Iranian bio-climatic areas	C

234	icc21-1661	Hessam Bagheroghli	Separation of cyclotids from <i>Viola ignobilis</i> by Open Column Chromatography	C
235	icc21-1665	Hessam Bagheroghli	Distribution of Cyclotids in Different Organs of the Aerial Parts of <i>Viola Ignobilis</i>	C
236	icc21-1669	Hessam Bagheroghli	Comparison of Cyclotide Fingerprints of <i>Viola ignobilis</i> and a <i>Viola</i> Species Collected from Osku	C
237	icc21-1658	Homa Targhan	A Pseudohomogeneous Nanocarrier Based on Carbon Quantum Dots as an Efficient Gene Delivery Vehicle	C
238	icc21-1660	Homa Targhan	Synthesis and Characterization of Arginine-Decorated polymer dots for loading and protection of DNA from enzymatic degradation	C
239	icc21-1671	Baharak Divband	Effect of Gd <sub>2</sub> O <sub>3</sub> /ZSM-5 nanocomposite on water protons relaxation rate	C
240	icc21-1693	Fatemeh Dabaghi-Tabriz	Development of Antimicrobial Bioactive Composite Containing Silver and Zinc Oxide Nanoparticles	C
241	icc21-1846	Siavash Hasanvandi	Synthesis, characterization and cytotoxicity investigation of juglone palladium complex; Theoretical and biological properties of juglone as an employed ligand	C
242	icc21-1851	Samaneh Saeifar	Microencapsulation of Saffron extract using spray drying technique and cellulose-based derivatives as wall materials	C
243	icc21-1859	Sina Mohammad Mehri	Discovery of natural selective inhibitors of the CYP11B1 enzyme for the treatment of Cushing's disease	C
244	icc21-2044	Maede Dashtaki	Processes Oriented Guided Inquiry Learning and Chemistry Perception in Virtual Classes	C
245	icc21-1834	Ayten Asgarova	Science education through debates: case-study in Azerbaijan	C

246	icc21-2020	Khadijeh GANJEHYAN	Design and synthesis of a new type dibenzosuberone-dihydropyridazine based fluorescent dyes for heavy metal ion and multi-analyte sensing applications	C
247	icc21-2121	Zohra ASGEROVA	A study of complex formation of cobalt(ii) and nickel (ii) with 1-(2-pyridylazo)-2-hydroxy-4-mercaptophenol and diphenylguanidine	C
248	icc21-2122	Asif Mammadova	Thermodynamic definition of the boundaries of stable and metastable solid solutions in quasi-binary chalcogenide systems	C
249	icc21-2123	Parvana BABAYEVA	Adsorbents used in the purification of phosphate ions from drinking waters	C
250	icc21-2124	Nailya Verdizadeh	Spectrophotometric determination of copper(ii) with 2,6-dimercapto-4-methylphenol and phenanthroline	C
251	icc21-2125	Aybeniz GULIYEVA	Extraction of valuable components from poor ore wastes	C
252	icc21-2126	G. Shakirzyanova	The study the behavioural fuctions of miopardalis pardalina under simulators pheromone influence	C
253	icc21-2127	Muradova Aysel	Selection of an effective sorbent for the disposal of arsenic from arsenic ore wastes and study of physical and chemical parameters of the sorbent	C
254	icc21-2128	Arzu Osmanova	Precipitation of vanadium in the form of ammonium vanadate	C
255	icc21-2129	Turana Babayeva	Catalytic Activity of Zeolites Modified by Cr and Mo Nanopowders in the Conversion of Methanol to Hydrocarbones	C
256	icc21-2131	A.M. Qasimova	Determination of thermodynamic parameters of lithium titanates	C



Poster Number	Article Code	Presenter Name	Title	Presenting Group
1	icc21-1806	Shirin Mahyapour	Molecular dynamic simulations and quantum chemical calculations of adsorption dronic acid derivatives and hydroxyapatite	D
2	icc21-1808	Fatemeh Majidi zadeh	Synthesis of a new bionanocomposite hydrogel based on $\beta$ -cyclodextrin -Metal-Organic Framework	D
3	icc21-1815	Raziye Molla Mohammadi	Preparation and characterization of functionalized GO@Fe3O4 nanocomposite and its application as catalyst for synthesis of naphthopyranopyrimidines compounds	D
4	icc21-1824	Roghayeh Fathi	Synthesis of tetrazole-based high energetic nitrogen-rich polymers	D
5	icc21-1735	Roghayeh Fathi	Magnetic copper oxide/polysaccharides bio-nanocomposite as a pH-sensitive and targeted 5- fluorouracil delivery vehicle	D
6	icc21-1826	Hourieh Sadat Oboudatian	Silica Nanospheres KCC-1 As A Good Catalyst for The Preparation of 2-Amino-4H-Chromenes by Ultrasonic Irradiation	D
7	icc21-1827	Ertan Şahin	Molecular Structures, Biological Activities and Molecular Docking Studies of Halogenated Inositol Derivatives	D
8	icc21-1828	Roghayeh Fathi	Bio-synthesis and characterization of the magnetic iron nanoparticles using Mentha extract and evaluation of its antibacterial properties	D

9	icc21-1830	Roghayeh Fathi	High energetic nitrogen-rich polymers based on triazole; Synthesis and characterization	D
10	icc21-1832	Faeze Namayandeh-Niasar	Ion-exchanged zeolite Y as a heterogeneous catalyst for synthesis of some derivatives of 1, 8-dioxo-octa-hydro xanthenes	D
11	icc21-1833	Farid Naghiyev	Synthesis of substituted cyclohexanol derivatives	D
12	icc21-1512	Shirin Faridi	Preparation and Flocculation Properties of Novel Acrylamide-Based Copolymer	D
13	icc21-1840	Habib Soleimani	One-pot synthesis of sulfur-containing heterocycles through the reaction between alkyl cyanoacetates and carbon disulfide in the presence of propargyl bromide	D
14	icc21-1847	Mohammad Eskandari	Synthesis of spiro[indolo[2,1-b]quinazoline-6,4'-pyrano[2,3-c]pyrazole]-5'-carboxamide	D
15	icc21-1849	Askar PARMANOV	SYNTHESIS OF VINYL ESTERS OF SOME AROMATIC CARBOXYLIC ACIDS FROM VINYL ACETATE	D
16	icc21-1852	Nahid Mahmoodi	One Pot and Catalyst Free Synthesis of Cis-dihydroxy-Indenopyrazolone	D
17	icc21-1853	Nahid Mahmoodi	One Pot and Catalyst Free Synthesis of Cis-dihydroxy-Indeno[1,2-d]imidazolone	D
18	icc21-1856	Esmaiel Eidi	Vitamin B3-SO <sub>3</sub> H supported on magnetic nanoparticles as a green catalyst for efficient synthesis of $\alpha$ -aminonitriles	D
19	icc21-1858	Yekta Golpazirsorkheh	Synthesis of Indenone Derivatives via Metal Free Double C–H	D

			<b>Activation/Annulation Reaction of Aldehydes with Alkynes</b>	
20	icc21-1861	Mojtaba Ghorbani	Investigation of the influence of Calix[4]arene on the performance of nickel oxide sensors to identify Ascorbic Acid	D
21	icc21-1862	Mojtaba Ghorbani	Investigation of Water Soluble Calix [4] Arene as an Adsorbent for the Removal of Acid Red 88 From waste Water	D
22	icc21-1872	Seyed Ali Mousavi-Mashhadi	Novel heterogeneous catalyst, copper acetylacetonate supported on 3-aminopropyl triethoxysilane functionalized halloysite (Cu (acac) <sub>2</sub> /AMPTSi/HNTs) for the synthesis of propargylamines	D
23	icc21-1873	Ali Akbar Fazli Shahri	A Simple And Environmentally Friendly Method For The Synthesis Of Amides Via The Reaction Of The Corresponding Carboxylic Acids And Amines By Kaolin@Dextrin-Zn As Catalyst	D
24	icc21-1874	Zahra Adham	Solubility and Phase Transfer of Poorly Organic Soluble Dyes in Organic Solvent by Amphiphilic Invertible Polyurethane Reverse Micelle	D
25	icc21-1876	Mohammad Reza Anizadeh	Catalytic application of urea-functionalized magnetic nanoparticles in the synthesis of novel pyridine-triazole hybrids via an anomeric-based oxidation	D
26	icc21-1877	Mohammad Reza Anizadeh	Application of deep eutectic solvent-magnetic nanoparticles activated with urea derivatives as new catalyst for the synthesis of new hybrid pyridones	D
27	icc21-1882	Elham Neisi	Ecofriendly and Fully bio-based Supramolecular Gel based on	D

			<b>Cellulose Nanowhisker gallate by Cyclodextrin Host-Guest Chemistry</b>	
<b>28</b>	<b>icc21-1883</b>	<b>Jalal Jabbari</b>	<b>Design and preparation Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub>-LT-Cu(II) nanocatalyst: A novel magnetic recoverable catalyst for the Biginelli reaction</b>	<b>D</b>
<b>29</b>	<b>icc21-1103</b>	<b>Leila Jafari</b>	<b>Synthesis and characterization of melamine-based covalent organic framework</b>	<b>D</b>
<b>30</b>	<b>icc21-1884</b>	<b>Elham Neisi</b>	<b>Evaluation of antioxidant properties of supramolecular bio-gels of cellulose nanowhisker gallate and cellulose nanowhisker cyclodextrin in an aqueous medium</b>	<b>D</b>
<b>31</b>	<b>icc21-1885</b>	<b>Mehdi Kanani</b>	<b>Synthesis of 2, 4, 5-trisubstituted imidazole derivatives in the presence of Lewis acid as catalyst in different conditions</b>	<b>D</b>
<b>32</b>	<b>icc21-1945</b>	<b>Leila Mohebbi</b>	<b>Tetrachloroperylene tetracarboxy dianhydride as a selective sensor for cyanide anion</b>	<b>D</b>
<b>33</b>	<b>icc21-1948</b>	<b>Elnaz Ghasemi</b>	<b>Synthesis of thiourea-peptoids via Ugi reaction in presence of Fe/MWCNT@TiO<sub>2</sub> nanocomposite as a heterogeneous catalyst</b>	<b>D</b>
<b>34</b>	<b>icc21-1952</b>	<b>Rasool Peirovi</b>	<b>Synthesis and characterization of pyrimidine-based azo dye ligands and their metal complexes: photophysical and electrochemical properties</b>	<b>D</b>
<b>35</b>	<b>icc21-1953</b>	<b>Elham Saberikhah</b>	<b>STUDY ON THE SYNTHESIS OF NOVEL ALKYLTHIO-PYRIDO[2,3-d]PYRIMIDINE DERIVATIVES</b>	<b>D</b>

36	icc21-1957	Leila Mohammadzadeh	Development of electrospun PCL/SESM/AgNPs hybrid nanofibrous scaffold for application as cutaneous substitutes	D
37	icc21-1960	Somayeh Pourian	Pd/Fe <sub>3</sub> O <sub>4</sub> Nanoparticles as Catalysts for Synthesize of Amine by N-arylation of p-toluenesulfonamide	D
38	icc21-1962	Narges Dehghani	Green synthesis of substituted triazole hybrids using an efficient: $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> @FAP@Cr	D
39	icc21-1964	Maryam Zirak	Palladium Nanoparticles Supported on Highly Ordered Mesoporous Carbon as an Efficient Catalyst for Formylation of Amines	D
40	icc21-1966	Leila Mohebbi	Colorimetric detection of primary aliphatic amines by tetrachloroperylene tetracarboxy dianh	D
41	icc21-1968	Fatemeh Moghimpour Bijani	Al-Based Metal-Organic Framework as an Efficient Heterogeneous Catalyst for the Synthesis of Benzimidazole Derivatives	D
42	icc21-1973	Behzad Nasiri	Efficient Synthesis of Primary Amides via C-H Functionalization of Aldehydes	D
43	icc21-1983	Arefe Salamatmanesh	Pd (II) supported on magnetically retrievable modified reduced graphene oxide as a highly efficient catalyst for imidazole-aryl coupling reaction via C-H bond activation in deep eutectic solvent	D
44	icc21-1984	Maryam Zirak	Copper Nanoparticles Immobilized on Ionic Liquid-Functionalized Halloysite Nanotubes; Synthesis and	D

			<b>Application in the Click Synthesis of 1,2,3-Triazole Derivatives</b>	
45	icc21-1985	Hamzeh Vaysi	An Efficient Heterogeneous System from The C-C bond formation of Aryl bromide and Phenylboronic acid	D
46	icc21-1995	Zahra Rafiee	Cellulose-PMAA/layered double hydroxide hybrid as a promising adsorbent for simultaneous removal of auramine O and rhodamine-B	D
47	icc21-2009	Mansour Binandeh	A green method for confirming the Sonogashira reaction with magnetic nanoparticles	D
48	icc21-2013	Saeed Ghasemi Laki	CuO nanorod decorated on graphitic carbon nitride (CuONR/g-C <sub>3</sub> N <sub>4</sub> ) as a green and water-soluble catalyst for selective oxidation of alcohols	D
49	icc21-2020	Seyedeh Bahareh Azimi	Doped-boron nitride nanostructures as a potential removal of rimantadine from environment: A DFT study	D
50	icc21-2023	Amin Karimizadeh	Enantioselective Synthesis of Chiral Amine Using a Green Nano organocatalyst	D
51	icc21-2024	Atefeh charabeh	One-Pot Synthesis of quinoxaline derivatives via the of 1,2- Phenylenediamines, ethyl bromopyruvate and alkoxides	D
52	icc21-2026	Maryam Salahvarzi	Synthesis of two-dimensional polymers based on triazine structures with nucleophilic monomers	D
53	icc21-2028	Hamzeh Vaysi	Synthesis of new thiazoles using one-pot reaction	D
54	icc21-2030	Shifaa Dhahir Abdullah	Synthesis and characterization of bimetallic heterogeneous	D

			<b>catalyst supported on natural asphalt sulfonic acid and its application in organic reactions</b>	
<b>55</b>	<b>icc21-2031</b>	<b>Salah Hasandawood</b>	<b>Nanocatalyst Zr@NASA: synthesis, characterization and application as a recyclable heterogeneous catalyst in some organic reduction reactions</b>	<b>D</b>
<b>56</b>	<b>icc21-2032</b>	<b>Tiba Muayad neamah</b>	<b>Synthesis and characterization some new derivative polymers pyrazine carboxylic acids</b>	<b>D</b>
<b>57</b>	<b>icc21-2033</b>	<b>Wathiq Fouad gihad</b>	<b>Synthesis and characterization of catalyst ZrCl<sub>4</sub>-supported on natural asphalt sulfonic acid and its application in Claisen - Schmidt condensation reaction</b>	<b>D</b>
<b>58</b>	<b>icc21-2034</b>	<b>Osameh Adnan jameel</b>	<b>Stabilization of CuCl<sub>2</sub> on the NASA substrate and study of its catalytic activity in Knoevenagel condensation reactions as a recyclable heterogeneous catalyst</b>	<b>D</b>
<b>59</b>	<b>icc21-2035</b>	<b>Hussein Falih mahdi</b>	<b>Synthesis and characterization of recyclable heterogeneous Zn@NASA nanocatalyst by supporting ZnCl<sub>4</sub> on the NASA substrate and its application in reduction reactions</b>	<b>D</b>
<b>60</b>	<b>icc21-2036</b>	<b>Hayder Hasan mohammed</b>	<b>Synthesis of <math>\alpha,\beta</math> – unsaturated compounds through the reaction of aldehydes with ketones (Claisen -Schmidt reaction) in the presence of a heterogeneous nanocatalyst Zn/Al@NASA</b>	<b>D</b>
<b>61</b>	<b>icc21-2037</b>	<b>Hayder Salih shamkhi</b>	<b>Synthesis and characterization of heterogeneous catalyst Ni@NASA and study of catalytic activity and its recyclability in some reduction reactions</b>	<b>D</b>
<b>62</b>	<b>icc21-2038</b>	<b>Watheq Hani jasim</b>	<b>Stabilization of Oxalic acid on the NASA substrate and study of</b>	<b>D</b>

			its catalytic activity in the multicomponent organic reactions	
63	icc21-2039	Sarah Msaed srayyih	Preparation of oxazoles by reaction of benzoin with $\alpha$ -amino and D-alanine	D
64	icc21-2042	Hasan Alikaram	Syntheses of new derivatives of 3-(2,4-dichlorophenoxy)-1,4-diphenylazetid-2-one and study of biological activity	D
65	icc21-2047	Arastu Heidaryan	Asymmetric Arylation of Imines in the Presence of Magnetically Nano Ligands and Pd Metal	D
66	icc21-2050	Khadijeh GANJEHYAN	Design and synthesis of a new type dibenzosuberenone-dihydropyridazine based fluorescent dyes for heavy metal ion and multi-analyte sensing applications	D
67	icc21-2058	Bahman Tahmasbi	Synthesis of nickel metal-organic framework with 4,6-diamino-2-mercaptopyrimidine as reusable and efficient catalyst in the synthesis of pyranopyrazoles and selective oxidation of sulfides	D
68	icc21-2059	Arida Jabbaria	A copper complex stabilized on boehmite nanoparticles as an efficient nanocatalyst for the selective synthesis of diaryl ethers	D
69	icc21-2060	Bahman Tahmasbi	Homoselective synthesis of tetrazoles in the presence of Schiff base complex of lanthanum on modified MCM-41 as a reusable nanocatalyst	D
70	icc21-2062	Tavan Kikhavani	Synthesis the Boehmite-SSA nanoparticles as an additive to enhance the electrochemical	D



			<b>properties of the heterogeneous cation exchange membrane</b>	
<b>71</b>	<b>icc21-2063</b>	<b>Parisa Moradi</b>	<b>A new complex of neodymium on biochar magnetic nanoparticles as a reusable nanocatalyst in the selective synthesis of tetrazole derivatives</b>	<b>D</b>
<b>72</b>	<b>icc21-1751</b>	<b>Hamid Ahmar</b>	<b>Magnetic layered double hydroxide sorbent in dispersive solid phase extraction for microextraction of chromium in water and leather samples</b>	<b>D</b>
<b>73</b>	<b>icc21-1757</b>	<b>Mahboube Shirani</b>	<b>Ultrasonic assisted liquid–liquid microextraction method based on deep eutectic solvent for preconcentration/ separation of Sulfonamides in drinks</b>	<b>D</b>
<b>74</b>	<b>icc21-1761</b>	<b>Ghazal Samimi</b>	<b>Pd-NHC-MIL-101(Cr) Nanocomposite as a Novel and High Throughput Electrocatalyst towards Ethanol Oxidation</b>	<b>D</b>
<b>75</b>	<b>icc21-1764</b>	<b>Zeliha ERBAS</b>	<b>Patent Blue V Impregnated Magnetic Activated Carbon Cloth Magnetic Solid Phase Extraction of Ni(II) From Environmental Samples Prior to Flame Atomic Absorption Spectrometric Determinations</b>	<b>D</b>
<b>76</b>	<b>icc21-1777</b>	<b>Hanieh Kefayati</b>	<b>Fabrication of monolithic MOF-808 as a novel coating for solid-phase microextraction of phthalate esters</b>	<b>D</b>
<b>77</b>	<b>icc21-1779</b>	<b>Mohammad Nazari Kalojeh</b>	<b>Application of ZIF-67 coated by N-doped carbon dots to extraction of pesticides from fruit juice before chromatographic analysis</b>	<b>D</b>
<b>78</b>	<b>icc21-1613</b>	<b>Mohammad Nazari Kolojeh</b>	<b>Monitoring of pyrethroid pesticides in commercial fruit juices using a magnetic</b>	<b>D</b>

			dispersive solid phase extraction combined with dispersive liquid–liquid microextraction and gas chromatography–mass spectrometry	
79	icc21-1625	Mohammad Nazari Kolojeh	Development of a magnetic dispersive solid phase extraction method combined with DES based AALLME for the extraction and preconcentration of phthalate esters from milk samples	D
80	icc21-1780	Shahrzad Kazemzadeh	Biosynthesis of nanoemulsion containing <i>Origanum vulgare</i> L. essential oil and zinc oxide nanoparticles and evaluation of its antibacterial activity	D
81	icc21-1786	Hamidreza Rahmanian	Development and validation of a new high performance liquid chromatography method for the simultaneous determination of two anticancer drugs in pharmaceutical samples	D
82	icc21-1787	Nargess Yousefi-Limaee	PMMA based nanofiber mats containing carbon quantum dots for the sensitive detection of metal ions: The role of different polymer compositions	D
83	icc21-1789	Zeliha ERBAS	Solid Phase Extraction Method for the Speciation of Chromium Using Activated Charcoal@MoSe <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> Composite Prior to its Determination by Flame Atomic Absorption Spectrometry	D
84	icc21-1762	Zeliha Erbas	Deep Eutectic Solvent-based Liquid Phase Microextraction Sudan IV Prior to UV-Vis Spectrophotometric Determination	D

85	icc21-1791	Ozgun Ozalp	Deep Eutectic Solvent Functionalized Metal Organic Framework Nanocomposite for Solid Phase Extraction of Rhodamine 6G	D
86	icc21-1793	Mustafa Soylak	A co-precipitation method for Ziram at trace levels prior to its indirect determination by flame atomic absorption spectrometry	D
87	icc21-1794	Nasim Fazli	Combination of a dispersive solid phase extraction method based on octadecylamine modified magnetic nanoparticles with dispersive liquid–liquid microextraction for the extraction and preconcentration of pesticides	D
88	icc21-1799	Mahdijeh Hassanpour-Khaneghah	Application of the NiO Catalytic Properties in Chemiluminescence Reactions for Isoniazid Determination in Luminol – Dissolved oxygen Chemiluminescence System	D
89	icc21-1801	Sanaz Barazandeh	Development of a magnetic dispersive solid phase extraction method with dispersive liquid-liquid microextraction using graphene modified magnetic nanoparticles for the extraction of some pesticides in fruit juices followed by GC-MS	D
90	icc21-1805	Ozgun OZALP	Solid phase extraction of Ni(II) from water and food samples on Fe <sub>3</sub> O <sub>4</sub> @ Diaion HP-2MG	D
91	icc21-1643	Özgür Özalp	Magnetic solid phase extraction of Ni(II) with Fe <sub>3</sub> O <sub>4</sub> @ Diaion HP-2MG particles as the adsorbents prior to flame atomic absorption spectrometry	D
92	icc21-1813	Mohammad Nazari Kolojeh	Performance evaluation of coated LDH with polymer in the	D

			extraction of 12 pesticides in carrot and apple samples before liquid chromatography-tandem mass spectrometry	
93	icc21-1814	Elham Rafiee	Pt-Bi-N4/PC Resulting from Reconstructed Bismuth-Based Metal- Organic Framework-redox replacement and investigation of its use as electrocatalyst for ethanol oxidation	D
94	icc21-1818	Kamran Rezapour	Electrocatalytic Performance of the Ni-MOF/NCB/CC Nanocomposite Decorated with NiNPs for Alkaline Methanol Fuel Cell	D
95	icc21-1829	Hamideh Imanzadeh	MOF-derived Co/C@GS nanocomposites encapsulated by Ni(OH) <sub>2</sub> for high performance glucose sensor	D
96	icc21-1831	Somayyeh Ziaei	Eco-friendly green method for lead ion removal by Dunalliela Salina algae	D
97	icc21-1837	Roghayeh Hassanpour Sabet	Development of dispersive solid-phase extraction based on LDH/chitosan sorbent combined with dispersive liquid-liquid microextraction to extract pesticides before their analysis by GC-NPD	D
98	icc21-1839	Nazanin Amareh	ZIF-7@ZIF-67/ polyether sulfone composites for dispersive solid-phase extraction of Bisphenol A and 2-phenylphenol	D
99	icc21-1845	Pouya Abedi	synthesis and characterization of g-C <sub>3</sub> N <sub>4</sub> /CoFe <sub>2</sub> O <sub>4</sub> /ZnS photocatalyst for removal of Acid Blue 92 dye under visible light irradiation	D

100	icc21-1848	Nastaran Mahmoudian	A smartphone-based digital imaging method for trace determination of cadmium in water	D
101	icc21-1854	Sara Pashazadeh	Amplified Electrochemical Sensor for High Sensitive Analysis of Anti-Tuberculosis Drug Employing Pencil Graphite Electrode Modified with Copper-based Metal-Organic Frameworks Nanocomposite	D
102	icc21-1857	Sara Pashazadeh	Heteroatoms Doped Graphene/Metal–Organic Framework-Based Electrochemical Method for Detection of Anti-Depressant Drug	D
103	icc21-1863	Saeedeh Shahparast	$\alpha$ -MnO <sub>2</sub> /FeCo LDH composite as a excellent efficient electrocatalyst for water oxidation	D
104	icc21-1878	Abdolraouf Samadi-Maybodi	Investigation of Photocatalytic Properties of Modified Graphitic Carbon Nitride (g-C <sub>3</sub> N <sub>4</sub> ) by UV–vis and Fluorescence Spectroscopy	D
105	icc21-1886	Mahta Badinezhad	A Sensitive Method for Determination Glycolic Acid, Mono- and Di-Chloroacetic Acids in Betaine Media Using Amino-Functionalized SBA-15 as a Sorbent and HPLC Assay	D
106	icc21-1888	Somayyeh Ziaei	Effect of competitive interferences on the biosorption of lead ions using Artemia Cysts	D
107	icc21-1892	Nazila Fattahzadeh	Preparation of Zinc Oxide Nanoparticles Reinforced Polyethersolfune Nanocomposite as an Efficient Sorbent for Extraction of Sumatriptan by	D

			<b>Thin Film Microextraction and Stir Bar Sorptive Extraction</b>	
<b>108</b>	<b>icc21-1896</b>	<b>Samira Pashayi</b>	<b>Smartphone-Based Colorimetric Selective Detection of Propyl Gallate Using Paper-Grafted Molecularly Imprinted Polymer Thin Film Microextraction</b>	<b>D</b>
<b>109</b>	<b>icc21-1903</b>	<b>Sadaf Mohammadzadeh</b>	<b>Preparation of a Novel Thin Film Based on Montmorillonite doped chitosan Nanobiocomposite for Microextraction of Triazines</b>	<b>D</b>
<b>110</b>	<b>icc21-1906</b>	<b>Shahla Habibi</b>	<b>Catalytic activity of polyethylene imine based ionic liquids in the reaction of CO<sub>2</sub> and epoxides to produce cyclic carbonates</b>	<b>D</b>
<b>111</b>	<b>icc21-1910</b>	<b>Sahar Hobbivand</b>	<b>Nickel oxide nanoparticles modified with dimethylglyoxime deposited on the surface of filter paper as a thin film for microextraction of tramadol from biological samples</b>	<b>D</b>
<b>112</b>	<b>icc21-1911</b>	<b>Mahdiyeh H. S. Javadi</b>	<b>Extraction of azole antifungal drugs by solidification of floating organic droplets-liquid-liquid microextraction method</b>	<b>D</b>
<b>113</b>	<b>icc21-1921</b>	<b>Fereshteh Khajavi</b>	<b>Photogenerated Reagent Radicals for Flow Injection Analysis of Ascorbic Acid Using Highly Photoluminescent Carbon Quantum Dots</b>	<b>D</b>
<b>114</b>	<b>icc21-1922</b>	<b>Fidan Bahmanova</b>	<b>Extraction and preconcentration of uranium (vi) onto chelated sorbent</b>	<b>D</b>
<b>115</b>	<b>icc21-1923</b>	<b>Fereshteh Khajavi</b>	<b>Flow Injection Colorimetric Detection of Hypochlorite by Using a New Nitrogen-doped Carbon Quantum Dots as a Coupling Reagent</b>	<b>D</b>

116	icc21-1927	Hossein Masoumi	Design of an Electrochemical Reactor for the Synthesis of Ferrate salts	D
117	icc21-1928	Hadi Babaei	Measurement of some annular petroleum compounds (PAHs) in the coastal waters of the Caspian Sea (Gilan region)	D
118	icc21-1949	Mehdi Hosseini	A green and powerful microextraction method: In situ solvent formation microextraction (ISFME) using functionalized ionic liquid for the determination of toxic Cr(VI) in aqueous-saline media	D
119	icc21-1979	Hadi babaei	Investigation and measurement of nitrogen compounds in Glabar reservoir dam water in Zanjan province	D
120	icc21-1994	Hadi babaei	The role of Anodonta Cygnea bivalve in heavy metals absorption (Cu <sup>+2</sup> , Ni <sup>+2</sup> , Co <sup>+2</sup> , Cd <sup>+2</sup> , Pb <sup>+2</sup> ) Anzali Wetland of Guilan Province (Case Study)	D
121	icc21-2000	Mahdiyeh H. S. Javadi	Quantification of morin and quercetin in tea, vegetable and fruit juice samples by HPLC via development of in-situ produced CO <sub>2</sub> switchable fatty acid microextraction based solidification of floating organic droplet	D
122	icc21-2006	Maliheh Sadat Arab-jafari	Experimental and theoretical study of properties of opal photonic crystals	D
123	icc21-2007	Maliheh Sadat Arab-jafari	Experimental and theoretical study of properties of 2D colloidal Crystals	D
124	icc21-2008	Ali Pashazadeh	Electrochemical Synthesis of Thin Film Metal-Organic Frameworks with Simple Method: Application of	D

			<b>Electrocatalytic Oxidation of Amoxicillin</b>	
<b>125</b>	<b>icc21-2010</b>	<b>Ali Pashazadeh</b>	<b>Electrocatalytic Oxidation of Methanol on Alternative Nanocomposite based Metal-Organic Frameworks</b>	<b>D</b>
<b>126</b>	<b>icc21-2017</b>	<b>Parastoo Anjam</b>	<b>CO<sub>2</sub> effervescence assisted dispersive micro solid phase extraction based on magnetic biopolymer nanosorbent for extraction of Bisphenol A prior to high performance liquid chromatographic determination</b>	<b>D</b>
<b>127</b>	<b>icc21-2019</b>	<b>Naeemeh Alipoor</b>	<b>Copper Iodide Modified Sol-Gel Derived Carbon-Ceramic Composite Electrode: Application to Electrocatalytic oxidation of Hydroxylamine</b>	<b>D</b>
<b>128</b>	<b>icc21-2029</b>	<b>Fateme Kiani Ghalehsardi</b>	<b>Green Synthesis of Carbon Quantum Dots from Heart-of-palm and its Application in Antioxidant Activity, Cell Imaging and Fe Determination</b>	<b>D</b>
<b>129</b>	<b>icc21-2040</b>	<b>Younes Bahadori</b>	<b>Fabrication of a Sensitive Sensor for Determination of Ascorbic Acid by Modifying Over-Oxidized Carbon Paste Electrode with Biowaste</b>	<b>D</b>
<b>130</b>	<b>icc21-2041</b>	<b>Younes Bahadori</b>	<b>Cu–Al LDH/ Biowaste/Graphenized Pencil Graphite Electrode as Efficient Sensing Platform for Determination of Diclofenac in Pharmaceuticals and Biological Samples</b>	<b>D</b>
<b>131</b>	<b>icc21-2051</b>	<b>Delniya Haidary</b>	<b>Synthesis of modified magnetic graphene oxide with mesoporous silica for adsorption and extraction of pharmaceutical compound of quercetin from real samples</b>	<b>D</b>



132	icc21-2052	Hanieh Riazi benab	Rubber-Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @Mg-Al LDH as a novel magnetic sorbent; application in environmental monitoring of estrogenic hormones	D
133	icc21-2054	Fatemeh koudarzi	The effect of corona COVID-19 vaccination on some plasma metabolites	D
134	icc21-2068	Marziyeh Hosseinchi	Gas chromatographic detection of phenols from agricultural water samples after a simple and fast preconcentration technique	D
135	icc21-2074	Roya Kiani-Anbouhi	A novel QSPR study on the selectivity coefficients of Lanthanum-selective electrode	D
136	icc21-1895	A.H. Nakhaee	study of liquid-liquid phase equilibria ternary systems of (water + acetic acid + styrene) at T=298.2 and 308.2: Measurement and modeling	D
137	icc21-1899	Maryam Abuali	New nanocomposite of CuCo <sub>2</sub> S <sub>4</sub> /Polyaniline on carbon cloth as a self-standing efficient electrode material for supercapacitors	D
138	icc21-1905	Maryam Abuali	Electrochemical investigation of hollow micro-assembled CuCo <sub>2</sub> S <sub>4</sub> nanoparticles composed with polyaniline	D
139	icc21-1916	Mona Ashtari-Delivand	Thermodynamic study of electrolyte mixture with L-Serine in aqueous solutions at T = 298.2 K	D
140	icc21-1917	Elnaz Nouri Shiraz	Aggregation of Eosin B in Presence of Urea solutions as Additives	D
141	icc21-1894	Faeze. Sadegh Shahrestani	Investigation of liquid-liquid equilibrium of ternary system	D

			(water + acetic acid + organic solvent) at T=298.2 K	
142	icc21-1932	Ali Kaveh	Modeling the flotation process of line-2 of Sungun copper complex using Design Expert 12 software	D
143	icc21-1937	Ata Mehdizadeh	Preparation of a Magnetic Nanocomposite for the Removal of Methylene Blue from Aqueous Solutions: Synthesis, Characterization, and Investigation of Different Parameters	D
144	icc21-1942	Samira.Najikhelejan	Molecular dynamics simulation (dimethyl-tert-butyl-sililoxy) and (triethyl- silyloxy) piroxicam, investigation of their lipophilic property and comparison with the original drug	D
145	icc21-1954	Ahad Beheshti kovij	Synthesis and characterization of two different Zr-Melamine coordination compounds; coordination polymer and MOF via solvothermal method	D
146	icc21-1956	Ahad Beheshti kovij	Synthesis and characterization of Zr-bistetrazole metal-organic framework, study efficient RB19 dye adsorption	D
147	icc21-1976	Hadi Taheri Parsa	Densities and derived thermodynamic properties study for the binary mixtures of acetonitrile+ dichloroethane, tetrachlorethan at temperature range of 293.15-303.15 K: Experimental results and application of the Prigogine–Flory–Patterson theory	D
148	icc21-1978	Hadi Taheri Parsa	Thermophysical properties study for the binary mixtures of (acetonitrile+ dichloroethylene,	D

			or tetrachloroethylene) at different temperature	
149	icc21-1982	Hadi Taheri Parsa	Densities and derived thermodynamic properties study for the binary mixture of (Acetophenone+chloroethylene) at different temperature	D
150	icc21-1987	Fatemeh Sheikhi Lisar	Densities and derived thermodynamic properties study for the binary mixtures of (2-hydroxy ethylammonium formate + Aminopropanol) at different temperature with application of the PFP theory	D
151	icc21-1989	Fatemeh Sheikhi Lisar	Synthesis of hydroxyethylammonium-based ionic liquids (ILs) with carboxylate anions and investigation of physicochemical properties of binary systems including ILs with alkanolamine at different temperatures	D
152	icc21-1997	Sima Rastegar	First-principles study of the effect of Sc doping on the Structural, Electronic, and Optical properties of Zr <sub>2</sub> CO <sub>2</sub> Nanostructure	D
153	icc21-1998	Sima Rastegar	Computational Studies and Tuning the Electronic and Optical Properties of Y <sub>2</sub> CF <sub>2</sub> and Sc <sub>2</sub> CF <sub>2</sub> Monolayers Using Biaxial Strain Effect with GGA-PBE and HSE06 Functionals	D
154	icc21-1999	Sima Rastegar	Molecular Engineering of Compounds Based on Novel 2D Nanoparticles to Application in Water Splitting Process: A DFT Study	D
155	icc21-1070	Sima Rastegar	Hf <sub>2</sub> CO <sub>2</sub> : A High-Efficiency Photocatalyst for Water Splitting	D

156	icc21-1071	Sima Rastegar	First-Principles Study of theStructural and Electronic Properties of Ti <sub>2</sub> C and Ti <sub>3</sub> C <sub>2</sub> MXenes by the Strain and External Field Effects	D
157	icc21-2014	Masuod Khajevand	Boosting Solar Vapor Generation by a Bio-based 3D Evaporator for Solar Desalination	D
158	icc21-2016	Tuqa MJ. AbdulKadhima , Mohammed Hadi. Shinenb	Preparation and Characterization of poly (O-Toluidine-Carbon nano tube) Nano films and Study of optical properties	D
159	icc21-2055	Samaneh Barani Pour	Molecular insight into deep eutectic solvent based on choline chloride and caprylic acid by molecular dynamics simulation	D
160	icc21-2056	Samaneh Barani Pour	Molecular dynamics simulations of menthol and Palmitic acid deep eutectic solvents: Investigation of structural properties	D
161	icc21-2061	Milad Ghanbari	Theoretical study of interaction between gabapentin drug and Si-doped graphene nanostructure toward designing of suitable nanocarrier for drug delivery	D
162	icc21-1897	Neda Khedri	Investigation of Catalytic Properties of Ruthenium Nanocomposites in Electroreduction of CO <sub>2</sub> to CO	D
163	icc21-1904	Mahdiye Abedini Pour	Synthesis and characterization of immobilized phthalocyanine complex on cobalt oxide nanofibers using electrospinning for oxidation of alcohols	D

164	icc21-1907	Mostafa Koolivand	Ni-Citric acid coordination polymer as a practical catalyst for multicomponent reactions	D
165	icc21-1908	Mostafa Koolivand	Citric acid based Cu-MOF catalyzed the selective synthesis of biphenyls and sulfuxides	D
166	icc21-1909	Saadat Eslami	Synthesis of new copper oxide (II) nanostructure and its application as a sensor toward biomolecules	D
167	icc21-1912	Saadat Eslami	Highly sensitive and selective dopamine biosensor using GCE modified by CuO-Ag decorated nanoparticles	D
168	icc21-1913	Zohreh Zabihollahi	Synthesis and Hirschfeld surface analysis of a tetranuclear Zn(II) complex with (E)-N'-(1-(4-hydroxy-6-methyl-2-oxo-2H-pyran-3-yl) ethylidene) picolinohydrazide	D
169	icc21-1915	Tahereh Toei	Copper cobaltite nanoparticles as catalyst for direct alcohol fuel cell	D
170	icc21-1918	E.Sadeghi	Nickel ferrite nanoparticles as catalyst for methanol oxidation in direct alcohol fuel cell	D
171	icc21-1939	Somaye Shahraki	Pd(II) and Zn(II) complexes of hydroxybenzhydrazide based Schiff base ligand. Synthesis, characterization, antioxidant activity and catalase inhibition	D
172	icc21-1940	Zeynab Khazaei	Fabrication of light-responsive CuO@COFs composite as photocatalyst for selective degradation of Fluoroquinolones	D
173	icc21-1941	Somaye Shahraki	Mixed-ligand complexes with p-Toluic hydrazide derived Schiff base ligand and Glycine.	D

			Preparation, antioxidant study and interaction with catalase	
174	icc21-1950	Hossein Daneshgar	UiO-67 and A-520 decorated with leaf extracts for targeted Doxorubicin delivery	D
175	icc21-1951	Hossein Daneshgar	Investigation effect of synthesis variables of UiO-66 in Methylene blue adsorption	D
176	icc21-1965	Maedeh Koohi	Surveying the structure of modified Zeolite with Magnesium nitrate and Calcium Nitrate	D
177	icc21-1969	Maedeh Koohi	Evaluation of alumina nanoparticles efficiency in removal of Reactive Red 141	D
178	icc21-1823	Maedeh Koohi	Surveying the elimination of Basic Red 18 colour by modified Zeolite	D
179	icc21-1825	Maedeh Koohi	Green Synthesis of Zinc Oxide Nanoparticles by Hymenocrater Plastystegius and Investigation of Particle Morphology and Size	D
180	icc21-1980	Mohaddese Fereydouni	Investigation of photocatalytic properties and band gap of cadmium and bismuth sulfides by experimental and computational (DFT) methods	D
181	icc21-1991	Alemeh Azarang	Synthesis and characterization of a new Pd(II) complex with piperidine ligand and its interaction with CT-DNA	D
182	icc21-2003	Marziyeh Sadat Hosseini	Copper and zinc complexes of curcumin-nicotinoyl chloride derivative: synthesis and characterization	D
183	icc21-2018	Setareh Moradi	Immobilization of bimetallic iron and nickel nanoparticles on nanosilica extracted from rice	D

			husk and their application as catalysts	
184	icc21-2025	Parisa Afshari	Synthesis and characterization of TBA-PWFe @NiO@BNT nanocatalysts and investigation of its nanocomposite application in oxidative desulfurization	D
185	icc21-2043	Hassan EsmailieTavil	Preparation of WO <sub>4</sub> /GO-IL magnetic nanoparticles as an efficient catalyst for the aerobic oxidation of alcohols	D
186	icc21-2045	Alireza Aslani-Zakariyab	Synthesis, Characterization and Antitumor Activity of New Cu(II) Mixed Ligand Coordination Polymers at Bulk-size and Nanopowders	D
187	icc21-2046	Alireza Aslani-Zakariyab	Biological Activity of Nano and Bulk Size Pb(II) Metal-Organic Frameworks, Branched-Tube and Sonochemical Assisted Synthesis	D
188	icc21-2048	Masomeh Balali	Synthesis of magnetically separable copper nanocatalyst and their application as an efficient catalyst for Sonogashira and Suzuki cross-coupling reactions	D
189	icc21-2049	Masomeh Balali	Magnetically separable nanocatalyst for selective oxidation of sulfides to sulfoxides	D
190	icc21-2057	Zohreh Zabihollahi	4'-(4-chlorophenyl)-2,2':6',2''-terpyridine based Lead(II) complex: synthesis, crystal structure, and spectroscopic studies	D
191	icc21-2064	Manzar Akbari	Selective and mild oxidation of sulfides and synthesis of various tetrazole derivatives catalyzed by Ni(II)-Schiff base complex immobilized into	D

			three-dimensional mesoporous silica KIT-6	
192	icc21-2065	Manzar Akbari	Synthesis and characterization of a copper Schiff-base complex fixed on the mesoporous KIT-6 as a new catalyst for organic reactions	D
193	icc21-2066	Mitra Darabi	Synthesis of KIT-6@SMTU@Ni as a novel, reusable and highly efficient nanocatalyst for the synthesis of 5-substituted 1H-tetrazoles and pyranopyrazole derivatives	D
194	icc21-2067	Mitra Darabi	Homoselective synthesis of tetrazole derivatives using copper complex stabilized on mesoporous KIT-6 as a reusable and highly efficient nanocatalyst	D
195	icc21-2069	Yunes Abbasi Tyula	A new Schiff base complex of neodymium stabilized on boehmite nanoparticles as an environmentally friendly nanocatalyst in the homoselective synthesis of tetrazoles	D
196	icc21-2070	Yunes Abbasi Tyula	Synthesis and characterization of a new single crystal of cadmium using N,N'-bis(2-aminoethyl)ethane-1,2-diamine as a ligand in coordination chemistry	D
197	icc21-2071	Shahab Gholami	A complex of copper on magnetic MCM-41 nanoparticles: Preparation, characterization, and catalytic activity in the synthesis of tetrazole derivatives	D
198	icc21-2072	Sajjad Nazemzadeh	lead and cadmium uptake by Hibiscus tea residue as bio-adsorbent	D



199	icc21-2073	Shahab Gholami	Copper complex immobilized on SBA-15: as practical, reusable and selective nanocatalysts for the synthesis of tetrazoles	D
200	icc21-1797	Nader Fathi	Degradation of oxycodone pharmaceutical in aqueous media using persulfate oxidant under visible light	D
201	icc21-1809	Arezoo Rasouli	The effect of cetyltrimethylammonium chloride surfactant on the structure and performance of PES membrane for filtration of pharmaceutical pollutants	D
202	icc21-1881	Siavash Hasanvandi	Hydrophilic cellulose and graphene oxide membranes for separation of alcohol-water mixtures	D
203	icc21-1933	Seyyede Sanaz Entezari	Gold nanoparticle thin films' UV-Visible photoluminescence properties	D
204	icc21-1938	Omid Shojaei	Evaluation of the inhibitory effect of phosphine-polycarboxylic acid copolymer to inhibit gypsum crystal growth under normal and high saturation conditions	D
205	icc21-1943	Monireh Alimohamadi	Ultrasound-assisted catalytic activation of hydrogen peroxide on the chromium aluminum carbide MAX phase for degradation of an organic pollutant	D
206	icc21-1944	Zahra Pasandeh	Effect of preparation method on poly (vinylidene fluoride) scaffold morphological properties	D
207	icc21-1946	Samin Sadeghi Rad	Sonocatalytic degradation of dimethyl phthalate using CoCr layered double hydroxide	D

208	icc21-1985	Laya Galevani	Preparation of chitosan-based nanocomposite and evaluation of its properties for adsorption of chromium ions from aqueous solution	D
209	icc21-1971	Maedeh Koochi	Removal of Methylene Blue-21 Dye from Aqueous Solution Using ZnO/SnO <sub>2</sub> nanocomposite	D
210	icc21-1974	Maedeh Koochi	Synthesis and characterization of BaFe <sub>12</sub> O <sub>19</sub> nanoferrites	D
211	icc21-1992	Mir Saeed Seyed Dorraji	Synthesis of nanoflower-like 2D-MoS <sub>2</sub> /Polyaniline/3D-Ni-foam by a facile coating method: application in supercapacitor	D
212	icc21-1993	Mir Saeed Seyed Dorraji	Synthesis of open-cell flexible soy oil-based polyurethane foams: investigation of mechanical properties	D
213	icc21-1996	Mohammad Reza Azizi Kasin	Reduction of pollution in Landfill leachate of Urmia city by using pozzolan	D
214	icc21-2012	Khodavirdi Abbaszadeh Maroufan	Optimization of the method for determining the amount of estrone and 17beta-estradiol in water sources and water ozonation conditions in order to remove these hormones	D
215	icc21-2053	Fateme Kazemimand	Preparation and characterization of magnetic Expanded graphite/epoxy-triazine nanoadsorbent and its application in the removal of malachite green	D
216	icc21-1678	Zahra Alizadeh	Insecticidal activity and Chemical Composition of Perovskia abrotanoids Karel essential oil against Phthorimaea operculella	D

217	icc21-1684	Zahra Alizadeh	Phytochemical Investigation from aerial parts of <i>Salvia macilenta</i> Boiss	D
218	icc21-1690	Pegah Forouzandeh	Comparison of isocratic and gradient elution for separating and purifying bee venom peptide compounds using RP-HPLC	D
219	icc21-1746	Zahra Behrad	Investigation of phenolic compounds in fruits of 55 Iranian <i>Berberis</i> spp. genotypes	D
220	icc21-1765	Zahra Alizadeh	Calicined product (Kushta) as nano-materials in Unani system of medicine	D
221	icc21-1807	Toktam Akaberi	GC/MS-Based Activity Profiling of the Essential Oil of Three Endemic Iranian <i>Helichrysum</i> Species	D
222	icc21-1822	Maryam Sojoudi Moghaddam	The Use of Macroporous Synthetic Adsorbents in the Extraction and Purification of Anthocyanins from Iranian Saffron petal ( <i>Crocus sativus</i> L.)	D
223	icc21-1842	Paridokht Azizollahi	Enrichment of Saffron's Crocin and Picrocrocin by Macroporous resin	D
224	icc21-1843	Elmira Fotouhi	Application of solvent-antisolvent crystallization technique for excellent enrichment of Crocin from saffron	D
225	icc21-1934	Hassan Rezadoost	A Comprehensive HPTLC Metabolite Profiling of Iranian Safflower Genotypes	D
226	icc21-1879	Mohammad Reza Mirzaei	Ultrasound and microwave assisted synthesis of bimetallic cellulose/Fe-Ag MOF as a nanocarrier	D
227	icc21-1880	Mohammad Reza Mirzaei	Self-healing polymeric hydrogels based on PVA/cellulose/ Metal	D

			<b>Organic framework and investigation of their pharmaceutical applications in wound dressings</b>	
<b>228</b>	<b>icc21-1816</b>	<b>Mohammad Reza Mirzaei</b>	<b>Self-healing polymeric hydrogels based on PVA/cellulose/ Metal Organic framework and investigation of their pharmaceutical applications in wound dressings</b>	<b>D</b>
<b>229</b>	<b>icc21-1889</b>	<b>Seyed Mohammadreza Alavi</b>	<b>Synthesis of drug carrier of pioglitazone-loaded polyethylene glycolated nanoliposome and evaluation of its in vitro release</b>	<b>D</b>
<b>230</b>	<b>icc21-1931</b>	<b>Shadi hashemi</b>	<b>Construction and optimization of chitosan nanoparticles containing the anti-cancer compound curcumin</b>	<b>D</b>
<b>231</b>	<b>icc21-1935</b>	<b>Diba Shareghi-Brojeni</b>	<b>Cyanoacetohydrazide linked to 1,2,3 triazole derivatives: a new class of <math>\alpha</math> glucosidase inhibitors</b>	<b>D</b>
<b>232</b>	<b>icc21-1961</b>	<b>Seyed Parsa Hesamzadeh</b>	<b>Predicting blood-brain barrier permeability via natural language processing</b>	<b>D</b>
<b>233</b>	<b>icc21-1963</b>	<b>Salimeh Amidi</b>	<b>Design and synthesis of 2-(arythio)-3-(o-tolyl)quinazolin-4(3H)-ones as anticancer agents</b>	<b>D</b>
<b>234</b>	<b>icc21-1975</b>	<b>Seyed Parsa Hesamzadeh</b>	<b>Drug-Drug interaction prediction using deep learning</b>	<b>D</b>
<b>235</b>	<b>icc21-1076</b>	<b>Nader Molavi</b>	<b>Easy-to-understand study and training for energy storage in batteries, especially lithium-ion batteries</b>	<b>D</b>
<b>236</b>	<b>icc21-1868</b>	<b>Nader Molavi</b>	<b>Study and development of research tools in chemistry education</b>	<b>D</b>
<b>237</b>	<b>icc21-1959</b>	<b>Ahad Beheshti Kovij</b>	<b>Nanoscience Education for High School Students; Insight into the Strengths and Weaknesses of the</b>	<b>D</b>

			High School Chemistry Curriculum	
238	icc21-2132	Z.R.Agayeva	A STUDY OF THE IMPACT OF CLAY MINERALS ON THE ECOLOGICAL CONDITION OF THE SOIL	D
239	icc21-2133	A.Ali HUSEYINLI	DETERMINATION OF MOLYBDENIUM (VI) AND TUNGSTEN (VI) WITH TETRAHYDROXYAZON SN IN A MICELLAR MEDIUM	D
240	icc21-2134	A.Ali HUSEYINLI	SPECTROPHOTOMETRIC DETERMINATION OF THORIUM (IV) WITH TETRADYROXYAZON SCI IN THE EARTH MINERALS	D
241	icc21-2135	Fidan Yolchiyeva	KUR RIVER IN AZERBAIJAN AND ASSESSMENT OF ITS ENVIRONMENTAL POLLUTION	D
242	icc21-1820	Fatemeh Pasban Ziyarat	The role of Halloysite in the design of electrochemical biosensors for measuring diazinon in environmental and biological monitoring	D
243	icc21-1062	Payam Shahbazi-Derakhshi	A novel and highly-sensitive electrochemical-based genosensor applying perovskite-graphene oxide nanocomposite for determination of miRNA-21 as a significant biomarker for rapid diagnosis of gastric cancer	D
244	icc21-1041	Shima Zandbaaf	Genetic algorithm coupled with using back-propagation artificial neural network (BP-ANN) pattern recognition method and infrared spectrometry to classification of Listeria samples	D
245	icc21-1098	Shima Zandbaaf	Application of Cyclic voltammetry based artificial neural network as chemometric	D

			<b>approach and genetic algorithm for the simultaneous determination of five drugs</b>	
246	icc21-1114	Sedighe Shokraei	Syntheses, antimicrobial activity and spectroscopic studies on the interaction of calf thymus DNA of copper(II) and nickel(II) complexes	D
247	icc21-1333	Mozhgan Eghbali	Ultra-fast colorimetric detection of Glutathione by CeO <sub>2</sub> nanozyme	D
248	icc21-1409	Zahra Masihzadeh	Mechanism of Amyloid Inhibition Using Aromatic Compounds	D
249	icc21-1441	Afsaneh Farjami	Physicochemical stability of diluted solutions of the monoclonal antibody rituximab under freeze-thaw stress	D
250	icc21-1469	Laila Rejali	The chemistry of Alzheimer's disease	D
251	icc21-1542	Zahra Rostami	Optimization of carbon quantum dot synthesis based on amino acid and study of it's interaction with acetylcholinesterase	D
252	icc21-1549	Sahel Hakimi Oskuei	Construction of chitosan-polyethylene glycol nanohydrogels containing curcumin for use in diabetic wounds healing	D
253	icc21-1473	Leila Nazmi Miyardan	Uremic toxins removal by newly synthesized coupled mesoporous silica nanoparticles- molecular imprinted polymer	D
254	icc21-1986	Leila Nazmi Miyardan	Synthesis and characterization of novel micro-sized tetrazole-based high energetic nitrogen-rich polymers	D

255	icc21-1988	Leila Nazmi Miyardan	Study of structural properties and photocatalytic activity of nanostructures Synthesized molybdenum disulfide	D
256	icc21-1230	Leila Nazmi Miyardan	Carbon cage adsorbent synthesized with graphene quantum dot composite for methylene blue removal	D
257	icc21-1242	Samane Emamali Sabzi	Synthesis of boron-based additives and application in lubrication	D
258	icc21-1244	Samane Emamali Sabzi	Synthesis and application of synthetic oils	D
259	icc21-1232	Ebrahim Rezaii	Synthesis and modification of super lipophilic magnetic graphene oxide as an oil additive	D
260	icc21-1233	Ebrahim Rezaii	Synthesis of crystal-based graphene quantum with novel morphology by triammonium citrate	D
261	icc21-1972	Ebrahim Rezaii	Layered double hydroxides tribological behavior with different morphologies as oil additives	D
262	icc21-1977	Ebrahim Rezaii	Tribological behavior of layered lipophilic graphene quantum dot synthesized over Fe@MgO catalyst	D