



بیست و دومین کنفرانس شیمی معدنی ایران

(۳ تا ۵ شهریور ۱۴۰۲ - دانشگاه کردستان)

22nd Iranian Inorganic Chemistry Conference

(Aug. 23-25, 2023-UK)

بخش ۵

Nano-Chemistry
& Multi
Discipline

جمعه ۱۴۰۲/۰۶/۰۳

ساعت

۰۹:۳۰-۱۰:۳۰

بخش ۴

Nano-Chemistry

پنجشنبه ۱۴۰۲/۰۶/۰۲

ساعت

۱۶:۳۰-۱۷:۳۰

بخش ۲

Synthesis,
Characterization
&
Electrochemistry
of Inorganic
Compounds

چهارشنبه ۱۴۰۲/۰۶/۰۱

ساعت

۱۶:۳۰-۱۷:۳۰

بخش ۳

Catalyst &
Photocatalyst

پنجشنبه ۱۴۰۲/۰۶/۰۲

ساعت

۰۹:۳۰-۱۰:۳۰

بخش ۱

Organometallics
Chemistry &
Theoretical
Chemistry

چهارشنبه ۱۴۰۲/۰۶/۰۱

ساعت

۰۹:۳۰-۱۰:۳۰

شماره پوستر	نام ارائه دهنده	عنوان
P1-01	ستایش فرایمان	Behaviors of electrochemical energy storage sources, based on orgao-metallic frameworks and their composites
P1-02	مجیدیان شیوا	Simultaneous dehydrogenation and allylic oxidation of cycloalkane in the presence of chiral heterogeneous oxazoline-based catalysts for the synthesis of chiral allylic esters
P1-03	عتیقی میلاد	Facile synthesis of muscovite-supported metal-organic framework (MUS@MOF) composite for potential antibacterial activity
P1-04	عتیقی میلاد	Synthesis and characterization of MXene/metal-organic frameworks (MXOF) nanocomposite for dye removal application
P1-05	عتیقی میلاد	Zinc/Cobalt-based metal-organic framework (Zn/Co-MOF) composite as superhydrophobic and superoleophilic material for potential oil-water separation application
P1-06	کیاوش سوسن	Selective Carbon-Carbon Bond Forming Reductive Elimination from Cycloplatinated(IV) Complexes
P1-07	محمدقصابی طاهره	Synthesis, characterization, computational study and covalent immobilization of H ₂ saldien ligand on dendrimer functionalized magnetic nanoparticles for drug delivery application
P1-08	رحیمی سمیه	Synthesis of chiral homogeneous and heterogeneous Betti bases and investigation of their catalytic activity in the Kharasch-Sosnosky reaction
P1-09	پرتوی مهدیه	Synthesis of a green magnetic nanocatalyst through the functionalization of 2,4,6-trichloro-1,3,5-triazine and boric acid
P1-10	بختیاری اکبر	Electronic structure and properties of a new series of fac-Re(I) tricarbonyl complexes: a DFT study
P1-11	بختیاری اکبر	A DFT investigation on the effect of ligand substitution on photophysical properties of some new cyclometalated Ir(III) complexes
P1-12	اسدی کوثر	Carbon dioxide (CO ₂) adsorption by HKUST-1 (MOF-199)
P1-13	ویسی حمزه	Preparation of amorphous MOF based biomimetic nanozyme (Me-Cu) with laccase-like activity for the aerobic oxidation of 1,4-dihydropyridine derivatives.
P1-14	موسوی ایمانی سیده لیلا	Construction of Organoplatinum (II) Complexes by a Tripod Phosphine Ligand: A Joint Experimental and Computational Investigation

P1-15	کولیوند مصطفی	Synthesis and Characterization of Cu Coordinated L-Ascorbic Acid as coordination Polymer and its Catalytic Performance in the Multi-Component Reactions
P1-16	کولیوند مصطفی	Preparation of Ni-microsphere using Ascorbic acid as coordinating ligand and study of its catalytic properties in sulfoxidation reactions and synthesis of 5-substituted 1H-tetrazoles
P1-17	تیموری نگین	Synthesis and catalytic applications of metal-organic framework nanocomposite modified by ferric ions containing sandwich polyoxometalate
P1-18	کوهی مائده	Green Synthesis of Zinc Oxide with Polyvinyl alcohol by lavandulifolia Extract and development of hydrogen storage capacity
P1-19	احمدی خامسی زهرا	Electronic Tuning of the Cycloplatinated(II)-Thiolate Complex through Borane Interaction in the Secondary Coordination Sphere
P1-20	کاظمی عندلیب فائزه	A fluorinated cyclometalated Pt(II) complex bearing a phosphine ligand: photophysical and theoretical investigations
P1-21	حسینی سارا	Synthesis of chiral (R)- and (S)-Betti bases and investigation the copper complexes of them in asymmetric allylic oxidation of olefins
P1-22	حنیفه پور یونس	Synthesis, Characterization and DFT Calculation of Naphthalene-Based Crystal Structure with Pyridylimine-Binding Units
P1-23	خاقانی آذر مهسا	Synthesis, characterization and biological study of cyclopalladated (II) complex bearing bioactive ligand
P1-24	کرمی مریم	Green Synthesis of CuO@Hydrochar by lavandulifolia s Extract and Evaluation of Extract effects on the Nanoparticles Morphology and Size
P1-25	ایزدخواه ویدا	Fabrication of Zirconium Metal-Organic-framework/Poly Triazine-phosphanimine Nanocomposite for Dye Adsorption from Contaminated Water: Isotherms and Kinetics Models
P1-26	یاراحمدی سنا	A Bioactive Rhenium(I) Tricarbonyl Complex Bearing a Bidentate Nitrogen Ligand: Experimental and Theoretical Calculations
P1-27	نعمتی فرد پرناز	Study on the mode and strength of DNA interaction with Thiamine and some of its metal complexes
P1-28	سلیمی فاطمه	DNA interaction studies on the drug sotlol and its Cu (II) complex using viscosity measurements, UV-Vis spectroscopy and molecular docking simulation methods
P1-29	سلگی زهرا	Green synthesis of Nickel oxide nanoparticles by extract of Nigella sativa
P1-30	میررحیمی منیرالسادات	Modifying commercial sponges using magnetic nanoparticles and investigating the separation of organic pollutants from water

P1-31	ترکاشوند مصطفی	DFT study on the hydrogenation of carbon monoxide on a SiO ₂ -based catalytic surface
P1-32	ترکاشوند مصطفی	A first principles study of carbon monoxide hydrogenation on cobalt (001) surface
P1-33	محمود پور حامد	Theoretical study of the thermodynamic stability of the alkali metal complexes with ammonia as a ligand
P1-34	صالحی سید طاها	A Novel Procedure for Green Synthesis of Silver Nanoparticles on Activated Carbon
P1-35	قربانی فرشید	Synthesis and Application of Cellulose-Chitosan Sponges for the Removal of Oil Pollution and Other Organic Pollutants from Water
P1-36	قربانی فرشید	Biochar production from agro-industrial wastes and its application in water treatments
P1-37	نادری سمیه	Solubilizing-out effect of amino acids on aqueous solutions of tetraalkylammonium salts revealed by isopiestic measurements
P1-38	نادری سمیه	Solid-liquid equilibrium measurements on aqueous ternary systems composed of amino acids and tetraalkylammonium bromides
P1-39	کاکائی پگاه	The computational study of adsorption of cyanide ion on the surface of Pristine and Al doped boron phosphide nanotube: AIM, NBO, RDG, TD-DFT
P1-40	حسین پور سعید	Interrelation of crystal morphology and intermolecular contacts in a new thiophosphoramidate structure: an energy framework analysis
P1-41	باقری اشکان	The computational study of interaction of Hydroxycarbamide molecule with pristine, Ni-doped C ₂₀ nanocage: AIM, NBO, DFT and TD-DFT
P1-42	فاطمی زیارت اسرا	A brief overview of salt thermal methods for recycling lithium-ion batteries
P1-43	صانعی موفق سمانه	Nature and cooperativity of metal–ligand bonds in groups 5, 7, 9 and 11 half-sandwich cyclopentadienyl complexes
P1-44	صوفی ابوالفضل	Cooperative effect between the chalcogen (Ch...N) and dihydrogen (H...H) bonds in the series of XHTe...NCH...HY (X=F, Cl, Br, I, H, Y=Li, Na, BeH, MgH) and FHCh...NCH...HNa (Ch=Te, Se, S) triads
P1-45	عزیزی مریم	Theoretical investigation of the elastic and structural properties of the LaLi ₃ Sb ₃ compound by the pseudo-potential method
P1-46	سلطانی الهام	Theoretical study of Kumada reactions on the formation mechanism of several p-carborane compounds
P1-47	سلطانی الهام	Theoretical study of Sonogashira reactions on the formation mechanism of several p-carborane compounds
P1-48	حسینی خالد	Virtual screening of human glyoxalase I inhibitors: A structure-based approach
P1-49	نقدی جوبشهر یونس	Synthesis of novel chiral heterogeneous bisoxazoline-based catalyst and its application in the synthesis of chiral allylic esters by synchronous dehydrogenation and allylic oxidation of alkanes

P1-50	محمدظاهری معصومه	Application of Zinc oxide nanostructures as a promising nanocarriers for 5-ALA in drug delivery system based on DFT-MD simulations
P1-51	علوی پور احسان	Theoretical studies on the effect of substituents of the N-heterocyclic carbene ligand present in the Pd-PEPPSI complex on the formation mechanism of the Negishi cross-coupling reaction
P1-52	شیرازی جواد	Molecular Dynamics Approach in the Comparison of Wild-Type and Mutants of D-hydantoinase
P1-53	شیرازی جواد	Theoretical Study of Effects of Changing the Metal Inos on Glyoxalase II Reaction Mechanism
P1-54	طلائی مهشاد	Investigation of the interaction of boron nitride nanosheets (h-BN) with cyanogen fluoride (FCN) by density functional theory method
P1-55	یعقوبی فرشته	Catalytic effect of CuX (X=F, Cl, Br, I) on Nitroso-Diels-Alder reaction, a theoretical study
P1-56	علیزاده سپیده	Full protonation and also metal cation affinity of adenine in gas and solution phases; a theoretical study
P1-57	نعیمی خدیجه	Theoretical studies on the nature of metal-ligand bonds in some cylinder-like trinuclear hexacarbene complexes of Cu(I), Ag(I), Au(I), Pd(II) and Hg(II) ions
P1-58	جعفری سونیا	The Reaction Mechanism of Aphid Myrosinase, A Theoretical Study
P1-59	جعفری سونیا	A theoretical study of two local minima for the structures of [4Fe-4S] clusters
P1-60	همراهیان سیده عقیق	Nature of metal-ligand bond in some metal complexes of a number of tetradentate(N2O2) asymmetric Schiff base ligands
P1-61	قره بهادری اکرم	Adsorption of Metronidazole Drug in MOF by Monte Carlo Simulation
P1-62	قلی ئی یاسین	A theoretical study on the anionic metal bis(dithiolate) complexes $[M(S_2C_2R_2)_2]^{2-}$ (M=Zn(II), Cd(II), Hg(II); R=H, CH ₃ , CN)
P1-63	قلی ئی یاسین	Strength and nature of metal-dichalcogenolate bond in homoleptic metal bis(1,2-dichalcogenolate) complexes $[M(C_3E_5)_2]^{2-}$ (E=S, Se; M=Ni(II), Pd(II), Pt(II)); A theoretical study
P1-64	ناصرپور نوشین	The interaction of Phosgene gas with the pristine and B-doped Si ₁₂ C ₁₂ nanocluster: A DFT, TD-DFT, RDG and AIM
P1-65	دانش دوست وحید	Isotopic Effects on the Hydrolysis of anticancer drug titanocene dichloride
P1-66	حاجی ده آبادی مریم	Computational Calculations of pKa Values of Metal Ligands in Proteins
P1-67	کاکاییان مجتبی	Theoretical studies on nature of bond in some pharmaceutical N-heterocyclic carbene complexes with general formula $[NHC(R)(R'') MCl]$; M=Cu, Ag, Au, R=C ₁₂ H ₁₃ N ₂ O; R''=C ₁₂ H ₁₃ N ₂ O, CH ₃ , C ₁₅ H ₁₁ , C ₁₀ H ₁₂ N, C ₇ H ₇ , C ₅ H ₄ N, C ₁₄ H ₁₅ O ₉ and investigation of correlation between metal-ligand interaction energies and IC ₅₀ values

شماره پوستر	نام ارائه دهنده	عنوان
P2-01	زاهدی غزل	Comparison of structure, nature of bond, fluorescence response and biological activity of Cu(I) and Ag(I) complexes of a known tetradentate Schiff base ligand derived from
P2-02	شیرازی فرد حمیده	Cu (lys bipy)Cl/GO Synthesis, Identification and Application in oxidation of olefine
P2-03	آجرمال فاطمه	Catalytic oxidation of alcohols by new Fe(III) oxazolidine complex
P2-04	آجرمال فاطمه	Synthesis and Characterization of a New Copper Complex with Oxime Ligand as a Catalyst for Alcohol Oxidation.
P2-05	عبادی پور حسن	Synthesis and characterization of bentonite/Co ₃ O ₄ (Be/CO) nanocomposite
P2-06	سالاری هانیه	Crystal structure and Hirshfeld surface analysis of a new Eu(III)/Cr(III) double-complex salt
P2-07	کلاته عربی علی اصغر	Synthesis and spectroscopic characterization of two new phosphoramides
P2-08	منتی سعید	Synthesis and Characterization of new Azo-Schiff Base Ligand and its complexes derived from N-aminonaphthalimide with azo-aldehyde and investigation of photophysical properties
P2-09	منتی سعید	Synthesis, Characterization and spectral properties of new Schiff base ligand derived from "(E)-4-((nitrophenyl)diazanyl)-2-hydroxy-3-methoxybenzaldehyde" with amine and its metal complexes
P2-10	شاهمرادی الهه	Synthesis and crystal structure of a dinuclear Cu(II) complex with multidentate Schiff base ligand
P2-11	صابریون فائزه	Copper oxide on graphene oxide aerogel (CuO/rGO) nanocomposite as catalyst for hydrogen generation from hydrolysis of sodium borohydride
P2-12	خوش اخلاق استاد یلدا	Synthesis, Spectroscopic Characterization and Crystal Structure of (EtO)2P(S)[1-(NHCH2)C6H4-3-(CH2NH)]P(S)(OEt)2
P2-13	خانمرادی مریم	Synthesis and characterization of Ni complex supported on MCM-41 as an efficient and reusable nanocatalyst the synthesis of Polyhydroquinoline derivatives
P2-14	مروجی شیوا	Zinc cobalt telluride@nickel cobalt selenide as a battery type electrode in asymmetric supercapacitor
P2-15	گراوند سمیرا	Preparation, identification and investigation of catalytic activity of sandwich polyoxometalates nanohybrids with graphene oxide

P2-16	حسینی سید حداد	Synthesis and characterization of multi-metallic electrocatalysts with pencil core substrate for electro-oxidation of alcohols in fuel cells
P2-17	ولی پور سلمانوند محسن	Investigation of the effect of surface functional groups on iodine sorption properties of a 2D zinc (II) coordination polymer
P2-18	ابراهیمی رامین	Synthesis of ETS-10 and its modification
P2-19	پیمان نرجس	A new bisphosphinamide: X-ray crystallography, spectroscopy and thermogravimetry
P2-20	غفاری محیا	Synthesis and characterization of the new Cobalt(II) amino alcohol complex: A combined experimental, computational and docking studies
P2-21	غفاری محیا	Investigating on the interaction of the new copper complex with DNA and proteins: synthesis and structural characterization
P2-22	پژوهش آذر	Synthesis of a new potentially octadentate macrocyclic N8 ligand containing two pyridine groups and its corresponding Cu (II) complex and investigation of its biological property
P2-23	سفیدکار صفورا	A new mixed-ligand Cobalt(II) complex with synthesis, characterization and docking study
P2-24	سفیدکار صفورا	Synthesis, characterization, DFT studies and molecular docking of Fe(III) complex containing β -amino alcohol ligand
P2-25	زمان پور آلیسون	Two Novel Triaza Quinoline Schiff base Ligands and Their Metal Complexes as Antibacterial Compounds: Synthesis, Characterization, structural elucidation and Thermodynamic Studies
P2-26	زمان پور آلیسون	Evaluation of the relationship between intensity and effluent temperature in a solar still
P2-27	اسلامی مریم	Synthesis, spectral characterization and thermal study of some biological active Zinc(II) halide complexes
P2-28	جباری فاطمه	Preparation, spectral characterization and thermal study of some biological active mercury(II) complexes
P2-29	رحیمی زهره	Some new zinc pseudohalide bis-imine complexes: Synthesis, characterization, thermokinetic decomposition study and antimicrobial properties
P2-30	بیرامی آرزو	Fabricated a Novel and High Capacitance Symmetric Supercapacitor Electrode by Electrosynthesis NiCo LDH@Vertical Oriented Graphen Sheets on Graphite Sheet
P2-31	قنواتی سحر	Investigation of structural and optical properties of $Ba_{0.6}Mg_{0.2}Ca_{0.2}Al_2O_4$ ceramic
P2-32	قنواتی سحر	Structural, electrical, and dielectric properties of $Mg_{0.8}Ba_{0.2}Al_2O_4$ ceramic fabricated by gel-combustion route

P2-33	بانوی پروین	Some new cadmium halide Schiff base complexes: preparation, thermal stability and antibacterial/antifungal bioassay
P2-34	هاشمی سیده زینب	Tuning the performance of a novel functionality Zn-based MOF by incorporating a secondary linker in heavy metal ions absorption
P2-35	فاطمی کیا حجت الله	Assessment of the Anticancer Activity of Novel Macroacyclic Complexes of Cu(II), Ni(II), and Co(II) with a Newly Synthesized N1,N2-bis(2-aminobenzyl)-N1,N2-bis(pyridin-2-
P2-36	فاطمی کیا حجت الله	Synthesis, Characterization and Anticancer Evaluation of Novel Macroacyclic Schiff Base Complexes of Cu(II), Ni(II), and Co(II)
P2-37	بدیعی منیژه	Investigating the effect of copper(II) coordination compound with Carbonylbis(azanediyl)dibenzoic acid ligand on the phase-stabilization of ammonium nitrate
P2-38	بدیعی منیژه	Synthesis and characterization of a new copper-based metal-organic framework
P2-39	بدیعی منیژه	Efficient Removal of Heavy Metal Ions from Water Using Urea-Functionalized Metal-Organic Frameworks
P2-40	ستایش فرایمان	Synthesis and characterization of layered double hydroxides
P2-41	مرتضی ئی زهره	Preparation and Characterization of (Co-Si-Mg)Al ₂ O ₄ Spinel: New Blue pigment
P2-42	مرتضی ئی زهره	Synthesis and Characterization of praseodymium zircon as Yellow Pigment
P2-43	مرتضی ئی زهره	Synthesis and Characterization of Co ₂ SiO ₄ as Ceramic Pigment
P2-44	جمشیدی لطف مجید	A novel Palladium(II) complex of α -keto arsonium ylide: Synthesis, characterization, and application in the Suzuki–Miyaura cross-coupling reaction
P2-45	غلامرضائی زینب	Evaluation of inhibitory potential of phosphoramidate compound [2,6-F ₂ -C ₆ H ₃ C(O)NH]P(O)[N(CH ₂ CH ₃) ₂] ₂ against coronavirus and monkeypox by using molecular docking method
P2-46	جعفرزاده بهستانی نقی	Synthesis, characterization, molecular docking and DFT calculation of a copper (II) mixed-ligand complex.
P2-47	جوان شریانی فریبا	Synthesis and study of zinc (II) and copper (II) complexes with mixed deferiprone and lamotrigine pharmaceutical ligands
P2-48	کارگر هادی	Synthesis, characterization and crystal structure determination of Ni(II) complex with N ₂ O ₂ symmetrical tetradentate Schiff base ligand
P2-49	کارگر هادی	Synthesis, spectral characterization, structure, and application of tridentate ONO hydrazone Schiff base metal complexes

P2-50	اسلامی نژاد سعیدہ	Adsorptive removal of Rhodamin B from aqueous solution by a zirconium fumarate metal-organic framework (MOF-801)
P2-51	عفراوی زہرا	Design and Ultrasound-Assisted Synthesis of an anthracene-based Cu-MOF for Hydrogen Sulfide Sensing
P2-52	مودن بہرنگ	A comparison of organic and inorganic-supports for –SO ₃ H functionality and their application in known reaction
P2-53	چگینی نیلوفر	Synthesis and Modification of Zeolite Beta for Studying Aggregated Species
P2-54	جلیلیان روناک	Evaluation of inhibitory potential of phosphoramidate compound OP[NH-2Py(4-CH ₃) ₃] against acetylcholinesterase and urease enzymes by using molecular docking method
P2-55	صیادی محسن	Synthesis, X-ray structural and catalytic activity of new asymmetric palladacycle complexes with bidentate (P,P- and P,O) ligands
P2-56	فدایی حیدری سمیرا	Synthesis, characterization, spectroscopic investigation and crystal structure determination of a new copper (II) complex with N-phenylpyrazine-2-carboxamide derivative ligand
P2-57	فدایی حیدری سمیرا	Synthesis, characterization, spectroscopic investigation and crystal structure determination of new derivative of N-phenylpyrazine-2-carboxamide ligands
P2-58	یوسفی زہرا	Synthesis, identification and investigation of group 12 metal complexes based on polydentate ligands
P2-59	پاس مریم	Synthesis, X-ray crystallography, and Hirshfeld surface analysis of a New Carbacylamidophosphate
P2-60	کاظم شعار دوزدوزانی رضا	Synthesis and characterization of a new green high energetic primary explosives Couper (I) with sodium 5-nitrotetrazole
P2-61	رحیمی فرزانه	Synthesis and electrochemical properties of MIL/Fe ₂ O ₃ /PANI/rGO nanocomposite electrode materials for supercapacitor applications
P2-62	اسلامی نژاد سعیدہ	Synthesis of MXene/MIL-101 nanocomposite high adsorption capacity for Methylene blue dye removal
P2-63	قہرمانی سارا	Synthesis and Characterization of ZIF-67-NiO/Graphene Sponge for Supercapacitor Applications
P2-64	رضائی زیبا	Synthesis and Characterization and Application of Zirconate(IV) Complex for C–C coupling reactions
P2-65	اسمعیل زادہ شیدا	Synthesis, Spectral and Antimicrobial Studies of Derivative Salicylaldehyde Schiff base Oxidovanadium (IV) Complexes
P2-66	عبادی پور حسین	Synthesis and Characterization of Nano Clinoptilolite/cobalt oxide nanocomposite
P2-67	رحمان نژاد آوات	Catalytic applications of metal-organic framework modified by yttrium containing sandwich polyoxometalate

P2-68	کوهی مائده	Green Synthesis of Zinc Oxide with Hydrochar by lavandulifolia Extract and development of hydrogen storage capacity
P2-69	کرمی مریم	Green Synthesis of CuO@PVA by lavandulifolia s Extract and development of hydrogen storage capacity
P2-70	اکبری نادر	Enhancing Oxygen-Evolution Reaction in Alkaline Conditions with Anodized FeNi Alloy
P2-71	صادقی زهرا	Synthesis, Characterization, and Electrochemical Properties Study of a Novel Polyoxotungstate/Metal-Organic Framework/MWCNTs-COOH Nano-hybrid Material
P2-72	طیپی میانه امیررضا	Investigating the effect of pressure and concentration on permeability of methylene blue through a geopolymeric membrane based on phosphorus slag
P2-73	قهرمانی علی اصغر	Investigating the effect of mullite on the permeability of distilled water through geopolymeric membrane based on blast furnace slag

بخش ۳: Catalyst & Photocatalyst

شماره پوستر	نام ارائه دهنده	عنوان
P3-01	ریگی فاطمه	SiO ₂ nanoparticles catalyzed the synthesis of tetrahydro-2,6-dioxypyrimidin-4-yl)-2,3-dihydrophthalazine-1,4-diones
P3-02	لمه پور گیگلو وحیده	Oxidation of organic compounds with nanostructured iodosylbenzene catalyzed by manganese porphyrins
P3-03	خالدیان آرش	Photocatalytic activity of alumina supported meso-tetra(3-pyridyl) porphyrin
P3-04	مقیم پور بیژنی پریسا	γ -Al ₂ O ₃ catalysts synthesis with different aluminum sources for methanol dehydration to dimethylether
P3-05	کاظمی مصطفی	γ -Al ₂ O ₃ catalysts synthesis with different aluminum sources for methanol dehydration to dimethylether
P3-06	کاکاوند نگهداری میثم	Synthesis, Characterization and Catalysis by Highly Active Cationic Copper(I) Complexes in the Cycloaddition of Azides and Alkynes
P3-07	نصرتی رضا	Synthesis of magnetic nanoparticles ZIF-8 to immobilize in ionic liquid for the adsorptive desulfurization of gas oil
P3-08	نصرتی رضا	Removal of Dibenzothiophene from model diesel oil by adsorptive desulfurization using ZIF-8
P3-09	جعفری علی	The effect of potassium promoter on the activity of wustite-based ammonia synthesis catalyst
P3-10	مرادی ستاره	Cs@Resorcinarene network as a organocatalyst for the three-component reactions
P3-11	رستمی تابش بهاره	Asymmetric Henry reaction catalyzed by chiral heterogeneous Betti base ligands
P3-12	نورمرادی نسیم	Nanomagnetic Schiff Base Complex of Copper (II): Synthesis, Characterizations, and Its Catalytic Application in synthesis of 5-substituted-1H-tetrazole derivatives
P3-13	موسوی فر مریم	Removal of Abamectine from wastewater by Fe-kaolin modified
P3-14	موسوی فر مریم	Oxidative desulfurization of model diesel using natural kaolin clay modified with MoO ₃ /Ni/Fe
P3-15	قبادی فرد مهدیه	Innovative p-n semiconductor heterojunction as a nanophotocatalyst toward the C(OH)-H bond activation
P3-16	قبادی فرد مهدیه	Boosted photocatalytic decolorization of MB, RhB, and MO by perovskite-based heterojunction structures
P3-17	کشوری نژاد مریم	Salting effect of tetraalkylammonium salts on the clouding thermodynamic functions of aqueous butanol system
P3-18	عباسی طیولا یونس	A Sm@Schiff-base@MCM-41 as a reusable and practical nanocatalyst for the synthesis of tetrazoles
P3-19	میرزایی درمرانی ناصر	Optimization of preparation and process conditions for production of light olefins via FTS on the Fe-Co catalysts

P3-20	کارگر هادی	Investigation of the catalytic activity of Mo and V complexes with tridentate pyridyl hydrazone Schiff base ligands in oxidation reactions
P3-21	نوری اوغول بیک زهرا	Synthesis and characterization of new nano organic-inorganic hybrid film (TBA)4PW11Fe@TiO ₂ @PVA for oxidative desulphurization of gasoline
P3-22	رحیمی یادگار	Synthesis, characterization, and catalytic performance of Pd/CNT-MOF nanocatalysts in C-C bond formation reactions
P3-23	حمیدزاده مرضیه	Synthesis of hierarchical SAPO-34 crystals with different preparation procedures for the conversion of methanol to olefins
P3-24	حمیدزاده مرضیه	Synthesis of nanosized ZSM-5 zeolites by different amounts of sodium hydroxide and their catalytic performance in methanol to propylene reaction
P3-25	مجیدی مهسا	Investigating the effect of crystallization temperature in the synthesis of SAPO-34 catalyst in the process of converting methanol to light olefins
P3-26	خراطی الهام	Aerobic photooxidation of 1,3-diphenylisobenzofuran in the presence of manganese and iron porphyrins
P3-27	رضائی زیبا	Synthesis, Characterization of Cyclopalladated Complexes and Its application as Efficient Catalysts for Suzuki-Miyaura and Heck-Mizoroki Coupling Reactions
P3-28	جعفری زنگلانو احمد	Effect of ZSM-5 seeds in the synthesis of SAPO-34 catalyst in methanol to light olefins
P3-29	قادری آرزو	Immobilization of L-proline on functionalized MCM-41 and its application in the synthesis of chiral allylic esters
P3-30	قهرمانی مریم	Investigation on catalytic activity of Cu-complex immobilized on Modified Carbon Dots for Carbon-Carbon Homocoupling Reaction
P3-31	سردیوند چگینی عیسی	The effect of light on manganese porphyrin catalyzed oxidation of olefins with periodate under different conditions
P3-32	غلامی شهاب	Synthesis and characterization of MCM-48@Dithizone@Ni and its catalytic activity in the synthesis 2-phenyl benzimidazole derivatives
P3-33	غلامی شهاب	Immobilization of copper complex on the surface of SBA-15: As an efficient nanocatalyst for the synthesis of pyranopyrazole derivatives
P3-34	پارسا فرد نسترن	Investigation and optimization of the n-heptane isomerization reaction over the Pt-Zr-HMS catalysts with RSM method
P3-35	پارسا فرد نسترن	The kinetic study of toluene hydrogenation with response surface method over three Pt-supported catalysts
P3-36	مظاهری میلاد	π - Extended Dinuclear Ruthenium (II) Complex for Dye-Sensitized Solar Cell
P3-37	مرادی پریسا	Boehmite magnetic nanoparticles as a practical and magnetically recoverable nanocatalyst in the synthesis of tetrazoles
P3-38	طهماسبی بهمن	Co-(PYT) ₂ @boehmite as an efficient and reusable nanocatalyst in the synthesis of tetrazole derivatives
P3-39	عبدی سمیه	Synthesis of allylic esters using phenyl glycine-functionalized metal-organic framework and copper salts
P3-40	منصوری قباد	Nanomagnetic Cu (II) complex-catalyzed synthesis of 2-amino-3-cyano-4H-chromenes

P3-41	براتی مهدی	Oxovanadium (IV) unsymmetrical Schiff base complex as an efficient catalyst for selective oxidation of sulfides to sulfoxides with H ₂ O ₂
P3-42	براتی مهدی	Investigation of catalytic activity of oxovanadium(IV) unsymmetrical salen complex in the oxidative coupling of thiols to disulfides with UHP
P3-43	براتی مهدی	Synthesis and characterization of a nickel (II) unsymmetrical salen complex as an efficient catalyst for selective oxidation of alcohols
P3-44	عیسی پور بشمنی فرناز	Degradation of an anti-inflammatory drug using magnesium ferrite in the Fenton oxidation process
P3-45	کاظم شعار دوزدوزانی رضا	Investigating the Catalytic Effects of MOF-199 on the Thermal Decomposition of Ammonium Dinitramide (ADN)
P3-46	کاظم شعار دوزدوزانی رضا	Investigating catalytic effects of a zeolitic imidazolate framework, ZIF-8, on the phase transition and thermal decomposition of ammonium nitrate
P3-47	مالکی قاسم	Tuning the catalytic activity of a Zn-MOF by tandem post-synthetic surface functionalization in the synthesis of benzimidazole derivatives
P3-48	صباحی نگین	Shedding light on the environmental impact of the decomposition of perovskite solar cell
P3-49	صباحی نگین	Mechanistic insights of the key role of methylammonium iodide in the stability of perovskite material
P3-50	پورعابد نرجس	Fabrication of Novel WO ₃ /NiCo ₂ O ₄ magnetic photocatalysts with UV-light driven photocatalytic activity in MB degradation in an aqueous solution
P3-51	صالحی سید طاها	Fenton degradation of methylene blue (MB) using Nanosized ZSM-5 type ferrisilicate
P3-52	محمدی مژده	Pumice powder supported bimetallic Fe-Ag nanoparticles: as a new, powerful magnetic nanocomposite for the aqueous reduction of nitro compounds to amines Pumice powder supported bimetallic Fe-Ag nanoparticles: as a new, powerful magnetic nanocomposite for the aqueous reduction of nitro compounds to amines
P3-53	صادقی نیکو عارفه	Preparation of Cobalt based catalysts for Fischer-Tropsch Synthesis
P3-54	صادقی نیکو عارفه	Study of effect of Ag promoter over Cobalt based catalysts in CO hydrogenation reaction
P3-55	چرابه عاطفه	Cs@MCM-41 network as a organocatalyst for the reduction of nitro compounds to amines
P3-56	مقدسی میلاد	Lacunary Keggin-type Polyoxometalate-Based Framework: Design of a Heterogeneous Photocatalyst for Efficient Degradation of Dye from Aqueous Solution
P3-57	رسولی نیا خدیجه	Synthesis of β-nitroalcohols in the presence of amino acid-based chiral metal-organic framework
P3-58	سلطانی اعظم	Investigating the effect of active metal percentage composition on catalytic performance in the oxidative coupling reaction of methane

نخس ۴: Nano-Chemistry

شماره پوستر	نام ارائه دهنده	عنوان
P4-01	ریگی فاطمه	Plant-mediated synthesis and characterization of iron oxide nanoparticles using Tribulus terrestris
P4-02	سجادی فر صبیبه	Preparation and Characterization of Chitosan/Borax Nanocomposite Based on Copper Iodide: An Efficient Nanocatalyst for Synthesis of Imidazo [1,2-a] Pyridines
P4-03	غفارزاده محمد	Overview on synthesis, Applications of Cobalt Oxide Nanoparticles
P4-04	سیدی سقزچی امیر	A novel magnetic nanocomposite based on alginate/pumice: an efficient heterogeneous nanocatalyst for synthesis of [1,2,4]triazolo[1,5-a] pyrimidines
P4-05	همتی طیبه	Synthesis of Zr-metal organic frameworks modified for the Suzuki and Heck reactions as an effective and heterogeneous catalyst
P4-06	پاکپور فائزه	The construction of electrochemiluminescence new sensor by Using of Si/C nanostructures for signal amplification in order to measurement of Cyanotoxins in water samples
P4-07	اکبری نادیا	Synthesis and characterization of Bismuth / Bismuth Sulfide / Bismuth Vanadate nanocomposite by hydrothermal method
P4-08	قرائی پرستو	Dye decomposition by organo-inorganic catalytic nanocomposite material based on polyaniline (PANI) with Preyssler polyoxometalate
P4-09	قرائی پرستو	Synthesis of Fe ₃ O ₄ nanoparticles by co-precipitation method and study of the solvent effect on morphology and crystallinity of particles
P4-10	قرائی پرستو	Dye decomposition by inorganic-organic hybrid base on Preyssler-type polyoxometalates
P4-11	محتشم حامد	Zif-67 Drivate Nanocomposite as Efficient Peroxymonosulfate Activator for Degradation of Sulfamethoxazole
P4-12	محمدی آزیتا	Synthesis of Fe-MOF nanostructure: A Study of Peroxidase-Like behavior for Sensing of H ₂ O ₂
P4-13	رشیدزاده بهالدین	Preparation and application of alginate-graphene oxide magnetic beads to remove Zn ²⁺ cation in aqueous solutions
P4-14	رشیدزاده بهالدین	Synthesis and characterization of nanocomposite hydrogel based on nanobead chitosan in the presence of Fe ₃ O ₄ @SiO ₂ -Ag nanoparticles and its use to study surface
P4-15	موسوی سید جواد	Synthesis, Characterization, Thermal and Gas sensing Properties of New Scandium(III) Nano Coordination Polymers
P4-16	موسوی سید جواد	New Zinc(II) Mixed Ligand Coordination Polymers at Nano and Bulk Size, Precursor for Preparation of ZnO Nanoparticles

P4-17	نجاتی سرجوبی پرنیا	Supported Diamond-like carbon films on anodized titanium oxide as high-efficient electrocatalyst for electrochemical Ozone production
P4-18	حق اندیش مهسا	Easy synthesis of highly fluorescent carbon dots from lycopene and their biological imaging applications
P4-19	منتی سعید	Synthesis and characterization of a new nano complex derived from (E)-2-hydroxy-5-(2-nitrophenyl)diazenylbenzaldehyde and Fe ₃ O ₄ @SiO ₂ and investigation of its catalyst
P4-20	ریاحی پریسا	Immobilization of zinc complexes on magnetic nanoparticles and their applications as catalyst
P4-21	کریمی بلیتی رقیه	Synthesis and characterization of bismuth iron oxide nanostructure by sonochemical method
P4-22	فتاحی سعید	Enhanced photocatalytic conversion of organic dyes using CeFeO ₃ /MoS ₂ heterojunction as a highly effective visiblelight-driven photocatalyst
P4-23	نوری مریم	PMo ₁₂ /PANI Supported on Activated Carbon Derived from Waste Tire Pyrolysis as Electrode Material in Supercapacitor
P4-24	عزیزی زهره	Solvent-free one-pot synthesis of octahydroquinazolinone derivatives using copper-magnesium ferrite magnetic catalyst: an efficient approach
P4-25	عزیزی زهره	Green synthesis of copper doped magnesium ferrite nanoparticles for the evaluation of their photocatalytic properties
P4-26	ویسی طیبہ	Microwave-assisted multicomponent reaction for the synthesis of 2, 4, 5-triarylimidazole derivatives using zinc-nickel ferrite magnetic nanoparticles as a catalyst
P4-27	ویسی طیبہ	Synthesis and photocatalytic investigation of zinc doped nickel ferrite in the degradation of organic dye under visible light
P4-28	نگهدار شادی	Prussian blue analog-derived Fe-Co-P as excellent electrocatalyst for oxygen evolution reaction
P4-29	جمشیدی نرجس	Zinc-cobalt ferrite magnetic nanoparticles as an environmentally friendly, cheap, and effective catalyst for solvent-free one-pot multi-component synthesis of 3,4-dihydropyrimidin-2(1h)-ones
P4-30	جمشیدی نرجس	Structural, magnetic, and photocatalytic characterization of zinc-doped cobalt ferrite nanoparticles
P4-31	لطفی ہانیہ	Synthesis of Pt-Cu alloy nanoparticles on sulfur-modified graphene as electrocatalysts for meth
P4-32	یارپور محدثہ	Tragacanth gum-stabilized Cobalt nano catalyst for hydrogen generation; Hydrolysis of Sodium borohydride
P4-33	شیروندی زینب	Copper-functionalized magnetic mesocellular foams: as a magnetically recoverable nanocatalyst for carbon-selenium bonds formation

P4-34	محمد شریفی کلثوم	Modification of Clay Mineral Montmorillonite via Graphene Quantum Dots for Use as a Nanofiller in Bio-Based Hydrogel for Wastewater
P4-35	موسوی فر مریم	Synthesis and investigation of antibacterial behavior of Zn 1-xCu _x O(Ag) hybrid nanocomposite
P4-36	دانشگر حسین	Investigating the effect of time on the morphology and crystallinity of MIL-125 in the solvothermal synthesis method
P4-37	معرفتیان فرشاد	Efficient photoactivity of Ag/CeCoO ₃ toward the conversion of MB dye under the irradiation of light source
P4-38	معرفتیان فرشاد	Enhanced decolorization of organic dyes using CeCoO ₃ /CdS heterojunction as an excellent photocatalyst
P4-39	ملازاده افسانه	Ce/SiQDs as pseudo-enzymatic catalase to inhibit H ₂ O ₂ inside the cells of the body
P4-40	ملازاده افسانه	Investigation of the performance of carbon quantum dots as pseudo-enzymatic catalase in inhibiting hydrogen peroxide in the body
P4-41	ملازاده افسانه	The performance of CQD/Sb ₂ WO ₆ catalase-like enzyme in inhibiting hydrogen peroxide
P4-42	میررحیمی منیرالسادات	Biological Studies of upconversion nanoparticles
P4-43	گلستانی بهابادی سیدامیر حسین	Application of Metal-Organic Framework containing Hydroxyapatite(MOF/HAp) in Tissue Engineering to improve Bone function
P4-44	خمرنیا سمیه	.Investigating the Photocatalytic Application of Nd ₂ CuFe ₂ O ₇ Nanocomposite to Remove Organic Dyes.
P4-45	خمرنیا سمیه	Synthesis and Characterization of Nd ₂ CuFe ₂ O ₇ Magnetic Nanocomposites
P4-46	باشتنی مهرداد	Removal and determination of heavy metals in real samples and industrial wastewater with nanosorbent
P4-47	شریفی ساعد	Investigating the synthesis methods of alumina nanoparticles
P4-48	نگهداری شادی	One-step synthesis of titanate microstructures as efficient light scattering layer for dye-sensitized solar cells
P4-49	نیرومند گلوانی فریبا	Facile and Efficient Synthesis 2H-indazolo[2,1-b]phthalazine-triones Derivatives Using Fe ₃ O ₄ /eggshell/CS@HSO ₄ NPs as a heterogeneous and recyclable nanocatalyst
P4-50	فاهمی نیکو	Micorelectrochemical sensing and deposition within bubble film
P4-51	سجده سهیل	Green modified-UiO-66/MXene sandwich composites for gene-chemotherapy synergistic cancer suppression: Co-delivery of doxorubicin and pCRISPR
P4-52	سجده سهیل	N-doped carbon nanospheres as selective fluorescent probes for mercury detection in contaminated aqueous media: chemistry, fluorescence probing, cell line patterning,
P4-53	سجده سهیل	Porphyrim Molecules Decorated on Metal-Organic Frameworks for Multi-Functional Biomedical Applications

P4-54	زارعی آرمین	High selective, sensitive, paper-based probe for Cu(II) detection: A prospective form Nano-scale turn-on to Micro-scale turn-off states
P4-55	زارعی آرمین	CQD-Based Sensing Platform for Cu ²⁺ Detection in Wilson's Disease
P4-56	نبی تبار معصومه	Decolorization by Magnesium Ferrite Magnetic Nanoparticles
P4-57	میرزایی درمرانی ناصر	Synthesis of mesoporous MCM-41 silica nanoparticles and surface modified by chitosan functionalized with folic acid for targeted drug delivery and controlled release
P4-58	رضایی زرین	Investigation on effect of nanoclay particles on curing of unsaturated polyester resin and evaluation synthesized nanocomposite properties
P4-62	صادقی کیاخانی موسی	Phytosynthesis of silver nanoparticles on the woolen yarn with synthesized by sumac (<i>Rhus coriaria</i> L.) seed extract

بخش ۵: Nano-Chemistry & Multi Discipline

شماره پوستر	نام ارائه دهنده	عنوان
P5-01	نعیم مهتاب	Rational Design of Organic-inorganic Metal Halide Perovskites with Deep Blue Emission and Encapsulation in Metal Organic Frameworks as a Stable Platform with Improve
P5-02	نعیم مهتاب	Synthesis of Zinc-Based Metal Organic Frameworks Modified as Highly Efficient and Recyclable Catalysts for Suzuki and Heck Cross-Coupling Reactions
P5-03	ناروئی عبدالمنان	Synthesis of the urea-formaldehyde resin@MnO ₂ core-shell nanoparticles and investigation of their performance in supercapacitors
P5-04	همتی طیبه	Enhanced emission intensity and stability of perovskite nanocrystals by using metal organic frameworks
P5-05	عبدی ندا	alcohol/Cyclophosphamide nanofibers for anticancer applications
P5-06	پیامنی سمیه	Graphitic carbon nitride nanotubes grown on carbon paper for efficient electrocatalytic hydrogen evolution reaction
P5-07	عباسی سبحان	Solvothermal Synthesis and Characterization of Nano Molybdenum Disulfide
P5-08	عباسی طیولا یونس	A novel complex of samarium on boehmite nanoparticles as an efficient and reusable nanocatalyst for the synthesis of tetrazoles
P5-09	اکبری منظر	Design, preparation and characterization of Zr(O)@Creatine@KIT-6 nanoparticles as a nanocatalyst for the synthesis of various tetrazole derivatives
P5-10	اکبری منظر	Mesoporous KIT-6 as a support for the immobilization of a palladium organometallic nanocatalyst and its application in C-C coupling reactions
P5-11	فرخی علی	Investigation the impact of surfactant on the stability of nanofluids in the presence of aluminium oxide as an additive in ignition engines
P5-12	فرخی علی	Evaluation of the Specific Ignition Delay Time for the DMAZ with Nanoparticles for the Rocket Engine
P5-13	موسوی سید جواد	New Flour Link Cu-V Mixed Ligand-Mixed Metal Nano Coordination Polymers, Study of Antitumor Activity
P5-14	نوری جلال	Modified Sol-Gel Processing of NiCr ₂ O ₄ Nanoparticles; Structural Analysis and Optical Band Gap
P5-15	دارابی میترا	A new Ce-Schiff base complex on modified KIT-6 as a reusable nanocatalyst for the synthesis of tetrahydrobenzo[b]pyrans and sulfoxides

P5-16	دارابی میترا	Preparation and characterization of MCM-41@Schiff-base@La as a recyclable heterogeneous nanocatalyst for the synthesis of tetrahydrobenzo[b]pyran derivatives and
P5-17	شریفی آرمان	Synthesis of Cu-BTC@Fe ₃ O ₄ nanocomposites for removal of arsenic from water followed by electrothermal atomic absorption spectrometry determination
P5-18	علیجانی مجتبی	Investigation of Electrocatalytic Properties of MnO ₂ -ZnO/rGO Aerogel Nanocomposite
P5-19	حنیفه پور یونس	photodegradation of some organic dyes by Nd-doped pyrotitanate nano-sponges as visible light catalysts
P5-20	وثیق سیدامیر حسین	Synthesis and Investigation of Biological Activity of a Magnetic Nanobiocomposite Based on Functionalized Graphene Oxide Nanosheets by Casein, Zn-Al LDH, and Alginate
P5-21	باغ فر نسترن	The effect of TPP concentration on levothyroxin release from nanoclay/chitosan nanocomposite
P5-22	طهماسبی محمدرضا	Synthesis and characterization of copper bismuth oxide nanostructure by sonochemical method
P5-23	نوروزی معصومه	Aluminium-based ionic liquid grafted on Biochar as a heterogeneous catalyst for the synthesis of 2,3-dihydroquinazolin-4(1H)-one
P5-24	نوروزی معصومه	Cu immobilized on Fe ₃ O ₄ @Biochar nanoparticles: a novel, inexpensive and highly efficient heterogeneous magnetic nanocatalyst for C-O coupling reactions in green media
P5-25	خورشیدی غزاله	Concomitant crystallization of supramolecular isomers: 2-fold interpenetrated and non-interpenetrated coordination polymers
P5-26	خورشیدی غزاله	Tuning the topology from (4,4)-connected to (6,3)-connected net in Cd (II) coordination polymers: synthesis, crystal structure and Hirshfeld surface analysis
P5-27	وجد مریم	In vitro assay of targeted drug delivery platform based on ZIF-67 nanocarrier containing curcumin on MCF-7 cells
P5-28	حبیب زاده سپیده	Antiitch Efficacy of Henna Bioactive Components by Inhibition of Kappa-Opioid Receptors
P5-29	حبیب زاده سپیده	Comparison of the Antiitch Activity of Avenanthramides in Oats Using Molecular Docking Study
P5-30	انصاری پیام	The effect of doping zinc ions on the antibacterial activity of nitrogen-carbon quantum dots
P5-31	صلاحی مینا	N-nicotinyl-N',N''-bis (cyclopentyl) phosphoric triamide as an anti-bacterial agent
P5-32	صلاحی مینا	Cu (I) Complex of N-benzoyl, N', N'' -bis (tert-butyl) Phosphoric triamide as an anti cancer agent
P5-33	رجبعلی جماعت پریسا	Investigation of Spin-Charge-Structure in Human Verdoheme Using the DFT Method
P5-34	رجبعلی جماعت پریسا	The First Row Transitional Metals Effects on Stabilization of Biliverdin Complexes, Theoretical Study

P5-35	سرابی شهریار	Theoretical Kinetics and Thermodynamics study peripheral substituent effects on the hydrolysis of verdoheme
P5-36	شاه نعمت الہی شکیلا	Evaluating anticancer activity and DNA-binding properties of cycloplatinated (II) water-soluble complexes
P5-37	حاجی محمدی مہدی	Singlet oxygen effect on lipid oxidation in the presence and absence of synthetic/natural antioxidants, using sheep erythrocyte hemoglobin
P5-38	مالکی قاسم	Post-synthetic metal exchange on an amine-functionalized zinc coordination polymer for hydrogen sulfide capture
P5-39	مالکی قاسم	Post-synthetic modification of a 2D water-stable Zn-MOF; from exfoliated nanosheets to the formation of 3D supramolecular structure functionalized by acid/base groups
P5-40	حسنی مہسا	Design and synthesis a highly selective chromogenic prob based on hydrazide schiff base reagent for naked eye detection of CN^- and AcO^- ions and its application in real samples
P5-41	بیرانوند شیما	Immobilization of tris hydroxyaminomethyl methane on hercynite MNPs as a magnetically recoverable organocatalyst in the synthesis of tetrahydrobenzo[b]pyran derivatives
P5-42	ہاشمی نگاہ	Reaction between nickel hydroxide and cerium(IV) ammonium nitrate in aqueous solution
P5-43	چشمہ خاور امیر حسین	Photocatalytic wastewater purification under visible light irradiation using multi-doped TiO_2/rGO cross-linked 3D aerogel; Mechanistic catalytic experiments and cytotoxicity assessment
P5-44	چشمہ خاور امیر حسین	Electron flux at the Schottky junction of Bi NPs and MoS_2 -supported RGO for degradation of Tetracycline
P5-45	جاوید اودولو شیوا	A new tetra-coordinated copper(II) complex: Synthesis, characterization, DFT studies and investigating interaction with Biomacromolecules
P5-46	جاوید اودولو شیوا	Synthesis and characterization of the copper(II) complex of a new β -amino alcoholic ligand in the presence of the 4,4-bipyridine supported by molecular docking
P5-47	میرزابابی نیما	Application of multi-drug chemotherapy for cancer treatment using magnetic $CoFe_2O_4$ nanoparticles
P5-48	رجبی ماندانا	the effect of calcination temperature on the characteristics and properties of titanium dioxide
P5-49	بازرگان سمیرا	Hydrogen Generation via Tris (acetylacetonato) cobalt (III) as a Heterogeneous Nano Catalyst; Kinetics Study
P4-50	بہ ابادی محمد	Synthesis modulation as a useful tool to improve oxidation desulfurization in $POM@UiO-66$ nanocomposite