

Poster's Schedule of 9th International Congress on Nanoscience & Nanotechnology (ICNN2022)

No	Paper Code	Presenter	Paper Title		Presentation Type
Poster Presentation 1					
1	icnn9-00410013	Ghazal Lolo	Ternary Fe ₃ O ₄ @rGO-NiO Core-shell Nanocomposite for Magnetic Applications		Poster
2	icnn9-00910079	Ramin Ebrahimi	Treatment effect of molecular sieve ETS-10 on heavy hydrocarbon adsorption		Poster
3	icnn9-02170118	Parivash Yari	Investigation of Laccase-like activity of β -cyclodextrin copper nanozymes for the degradation and detection of phenolic pollutants		Poster
4	icnn9-02490199	Arash Rafipour	The Application of Electrospun Nanofibers in Waste Water Treatment		Poster
5	icnn9-02160216	Saeed Marvi	Dynamical spin dependent susceptibility of graphene like structure		Poster
6	icnn9-02710218	Anisa Sadeghi	DFT Study of Electronic and Optical Properties of SnSe Nanosheet		Poster
7	icnn9-01300220	Mohammad Fatehi Haghighat	Synthesis of Nano-sized mesoporous γ -alumina and a mixed oxide for methanol dehydration reaction		Poster

8	icnn9-00720223	Ensi Jadidi	Synthesis of nanoporous metal organic frameworks based on metals of internal elements and their application		Poster
9	icnn9-02690209	Fatemeh Bidgoli	Spin and valley transport in n-p-n junction of borophene		Poster
10	icnn9-02650194	Hossein Hosseinzadeh	Fabrication of chitosan-montmorillonite nanocomposite adsorbent for the removal of harmful cations from wastewaters		Poster
11	icnn9-02650195	Hossein Hosseinzadeh	Synthesis of electrically conductive hydrogel poly(pyrrole)/poly(acrylic acid) nanocomposites		Poster
12	icnn9-01400080	Hamid Biglari	QCM Sensor based on Metal Organic Framework for Detection of Ethyl Butyrate		Poster
13	icnn9-01360161	Leila Mohammadi	An advancement in the synthesis of nano Au@ amine Functionalized UiO 66 NH ₂ as a MOF-catalyst for A ³ -coupling preparation of propargyl amines		Poster
14	icnn9-02180186	Amin Zolfaghary	Characterization of molybdenum disulfide nanosheets synthesized by liquid phase exfoliation method		Poster
15	icnn9-02880287	Leila Mohammadi	Gold Nanoparticles immobilized Metal-Organic-Framework (Zr)@2-Amino pyrimidine: Novel efficient catalyst for A ³ -coupling preparation of propargyl amines		Poster
16	icnn9-01300072	Mohammad Fatehi Haghighat	Dimethyl Ether from Methanol on Mesoporous γ -alumina Catalyst Prepared		Poster

			from Surfactant Free Highly Porous Pseudo-Boehmite		
17	icnn9-02880294	sudabeh shokrollahi	Experimentally Evaluation of the Doxorubicin Adsorption/Desorption on Amino Acid-Functionalized Graphene Foams		Poster
18	icnn9-02880289	Anahita Ebrahimi	Synthesis and Characterization of nHA/GO/Zn for Biomedical Application		Poster
19	icnn9-02160114	Saeed Marvi	Temperature dependence of static spin conductivity of gapped graphene		Poster
20	icnn9-02880295	Milad Nezafati	Dual Conductive Network Guar Gum-based Hydrogels Using Thiol-ene “Click” Chemistry with High Mechanical Properties, Self-Healing, and Self-Adhesion for Wearable Human Motion Detection		Poster
21	icnn9-02880292	Amir Hossein Alizade Hesarsorkh	Novel Self-Assembling Nanocomposite Hydrogel Based on Xanthan gum. SiO ₂ Nanoparticles /Chitosan for Removing Anionic Dye from Water		Poster
22	icnn9-02880293	Amir Hossein Alizade Hesarsorkh	Preparation of Novel Semi-IPN Nanocomposite Hydrogel from Poly(vinyl alcohol)/Partially Hydrolyzed Polyacrylamide/Graphene Oxide for Efficient Adsorption of Cationic Dye Methylene Blue		Poster
23	icnn9-02700217	Mahan Sattarpour	Electronic and Optical Properties of Nanolayer CSe		Poster

24	icnn9-01230131	Mohadese Babaei	Preparation and adsorption properties of chitosan/ Fe ₃ O ₄ magnetic nanoparticles for removal of methylene blue		Poster
25	icnn9-02230142	Nafise Annabestani	Evaluation of the green synthesis of iron oxide nanoparticles using Quince (Cydonia oblonga) leaf extract		Poster
26	icnn9-00590184	Faranak Alimardani	Synthesis, characterization and application of mixed metal organic frameworks		Poster
27	icnn9-01250054	Fariba Sabet	Water-responsive shape-memory polymer nanocomposite network based on PVA and cellulose nanowhisker		Poster
28	icnn9-02560154	Mohammadkazem Heydarian	Methods of producing starch nanoparticles		Poster
29	icnn9-02880291	Niloufar Hahghighatjou	Synthesis and characterization of chitosan clay-composite modified with antioxidant extracts and metal oxides nanoparticles and its applications in the formulation of skin care products		Poster
30	icnn9-01950225	Saman Mesvari	Study of metal-organic frameworks (MOFs) for lithium extraction from aqueous media		Poster
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32	icnn9-02430157	Elham Zarenezhad	The simple and greener one-pot approach for the synthesis of biscoumarin derivatives using		Poster

			catalytic amounts of nano-MoO ₃ catalyst under mortar-pestle grinding		
33	icnn9-02600198	Leila Hashemi Gelugardi	Green Synthesis of Flower-Shaped Copper Oxide Nanoparticles via Cinnamon Extract		Poster
34	icnn9-02200116	Parisa Bagheshzadeh	Evaluation of the antioxidant activity of copper nanoparticles synthesized by chemical and green methods using the DPPH method		Poster
35	icnn9-01960097	Mitra Amani	Loading of Sodium valproate nanoparticles on the PVP polymer using supercritical solvent impregnation method		Poster
36	icnn9-01050091	Shirin Latifi	Economic synthesis of ZSM-5 zeolite without template and its reactor test in methanol to propylene (MTP) conversion		Poster
37	icnn9-01850117	Seyed mostafa Hosseini	Synthesis of magnetic nano particles using laser ablation method		Poster
38	icnn9-01990098	Nedasadat Saadati Ardestani	Utilization of supercritical antisolvent (SAS) for production of Capecitabine nanoparticles as anti-cancer drug: Analysis and optimization of the process conditions		Poster
39	icnn9-01130180	Azam Serajian	Chamomile Extracted Polyphenol Based Nanoparticles Made by Oxidative Coupling Assembly Targeted for Cancer Drug Delivery		Poster
40	icnn9-01220086	Sepideh Ghannad Nashry	Fabrication and characterization of electrospun cinnamon loaded Zein-based Nanofibers		Poster

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42	icnn9-01020060	mahin abdollahi	Poly (ionic liquid) based Antibacterial Hydrogels for Wound Healing		Poster
43	icnn9-00840052	Sajad Khafaji	Development and progress of graphene-based nanomaterials in electrochemical biosensors for facile and rapid detection of viruses		Poster
44	icnn9-00820024	Rouholah Zare-Dorabei	Integration of segmented microflow chemistry and on-site gold nano-oval based analysis on a centrifugal microfluidic chip system enabling enantioselective tryptophan		Poster
45	icnn9-02220139	Mohammadreza Darparesh	A molecular dynamics (MD) study on the ethyl functionalized TAPB-DMTP-COF as temperature-sensitive drug delivery system for doxorubicin anti-cancer drug		Poster
46	icnn9-00600175	saeedeh amini	Study of bubble nucleation on platinum surface using molecular dynamics simulation		Poster
47	icnn9-00570176	Mahnaz Sababkar	Wettability of borophene surface: A reactive molecular dynamics simulation		Poster
48	icnn9-01750095	Hosseini Sahafi Mohammad	Elastic, Mechanical and Thermophysical Properties of Nuclear Fuel UC Using DFT Calculations		Poster
49	icnn9-01420088	Sima Roshan	The effect of vanadium atom metal decorations to promote hydrogen adsorption		Poster

			capacity of Borophene structure: a DFT study		
50	icnn9-00850026	Ali Aghaahmadi	Synthesize and characterization of CdZnO nanoparticles with single emission of Violet-Indigo color		Poster
51	icnn9-01790169	Ozra Kiasatfar	Induced optical gyrotropy in photosensitive nanolayers due to biperiodic self-organized gratings formation.		Poster
52	icnn9-02370206	Mohamad Karimi	Ultrafast electron dynamics in monolayer WSe ₂ interacting with optical pulse		Poster
53	icnn9-02530193	Hamid Nezamdoost	Graphene-based plasmonic electro-absorption modulator on InP platform		Poster
54	icnn9-02150113	Hakimeh Mohammadpour	Modeling double quantum dot FET on graphene by NEGF		Poster
55	icnn9-00370141	Zahra Yousefpour	Investigating the Morphology of Polyacrylamide/MWCNT Aerogel		Poster
56	icnn9-02130210	Maryam Abareshi	Studing thermoelectric power of PVA/Co-Mn-Zn ferrite nanocomposites		Poster
57	icnn9-02630189	Fatemeh Hajikarimi	Fabrication of separation trace Cd(II), by new nano-composite in water samples		Poster
58	icnn9-00640007	Maryam Gharibi	Enhanced Photo-Fenton Oxidation of Tetracycline using Fe-BTC Catalyst under Visible Light		Poster
59	icnn9-01160041	Milad Atighi	Synthesis and characterization of novel MOF-GO nanocomposite for adsorptive removal of organic dyes from aqueous solution		Poster

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61	icnn9-01140047	Donya Feli	Dion-Jacobsen two-dimensional perovskite layers applicable for using in perovskite solar cell		Poster
62	icnn9-02060109	Amir Hossein Cheshme Khavar	Sub-level engineering strategy of Bi-induced WO ₃ /g-C ₃ N ₄ nanocomposite for pharmaceutical wastewater purification		Poster
63	icnn9-02060110	Amir Hossein Cheshme Khavar	Visible-Light-Induced MoCu bimetallic nanoalloy-supported copper molybdenum oxide with enhanced Photocatalytic activity for removal of tetracycline		Poster
64	icnn9-02060111	Amir Hossein Cheshme Khavar	A new metal-coordination complex as an efficient photosensitizer for enhancing the visible-light-driven photocatalytic activity of a TiO ₂ /reduced graphene oxide nanocomposite for the degradation of atrazine		Poster
65	icnn9-00800162	Kazem Khaluyan	Synthesis of ZIF-67/GO Composite and its Application as an Electrocatalyst in the Oxygen Evolution Reaction (OER)		Poster
66	icnn9-01770164	Pantea Hosseini	Phase Change Material Nanoemulsions for Thermal Energy Storage: Effect of Dispersed Volume Fraction on Thermal Performance		Poster

67	icnn9-00790172	Parvaneh Sayadi	Designing a Novel Bio-MOF Synthesized by Alendronate and using towards Oxygen Evolution Reaction		Poster
68	icnn9-01370181	Saeideh Salimi	Carbon Dioxide Hydrogenation to Clean Fuel by Catalyst Based on MIL-68 at Low Temperature		Poster
69	icnn9-01370182	Saeideh Salimi	Carbon Dioxide Methanation by a Highly Efficient and Stable Catalyst Based on UiO-66 at Low Temperature		Poster
70	icnn9-02510150	Mahdi Esmaeili Karkavandi	Potential Applications of Nanotechnology in Removing Heavy metals from Wastewater		Poster
71	icnn9-02880301	Alireza Abdi	Process Optimization and Modeling of Acid Blue-92 Degradation on Magnetite Nanocomposite g-C ₃ N ₄ / CoFe ₂ O ₄ / ZnS under Visible Light Using Response Surface Methodology		Poster
72	icnn9-01010029	Fatemeh Seifikar	Photo-Thermal Conversion Properties of V Nanofluid Prepared by Laser Ablation in PEG		Poster
73	icnn9-00760025	Mohammad Amin Arayesh	Fabrication and characterization of Fe ₃ O ₄ /Al ₂ O ₃ /CuO magnetic nanoparticles for degradation of organic dye		Poster
74	icnn9-01180064	Mojtaba Hajilo	CoFe-Layered Double Hydroxide Supported on Maltodextrin Nanosponges as a Novel Electrocatalyst toward Oxygen Evolution Reaction		Poster

75	icnn9-01060178	Vida Sedighi	Detection of Carmoisine as color additive abuse in industrial food products by a novel flourecent Nanoparticle		Poster
76	icnn9-01190205	Farnaz Pahang	Development of Poly(ST-Co-AC)/Co-ZIF-67@Chitosan electrospun nanofibers for pipette-tip micro-solid extration of pesticides prior to GC-FID analysis		Poster
77	icnn9-00730224	Zahra Toutounchi asl	Synthesis of NiO NP@UiO-66 core-shell composite as photocatalyst for removal and degradation of antibiotics and pesticides		Poster
78	icnn9-01280071	Sanaz Karamdoust	A Gluten nanosensor based on thiamine - carbon dots using imprinting technology		Poster
79	icnn9-01100059	Atefeh Sheikhhasani	Imidazolium-Based Copolymer As Antibacterial Nano-carrier For Drug Delivery		Poster
80	icnn9-02270135	Seyed Kasra Sadr Tahouri	Preparation and Characterization of Polyvinylpyrrolidone Electrospun Nanofibers, and Optimization as Carriers for Drug Delivery		Poster
81	icnn9-02300136	Reza Monfared- Hajishirkiaee	Evaluation of Absorption properties of Chitosan/Green Carbon Dots Nanocomposite Sponge for use in Wound Dressing		Poster
82	icnn9-02300137	Zahra Masoumian	Polyvinyl alcohol nanocomposite with carbon dots synthesized from Brassicaceae plant as a potential wound dressing		Poster

83	icnn9-00620191	Mahdi Barjasteh	Controlled Release of Dacarbazine from PEG-coated MIL-100(Fe) in DMEM Cell Culture Medium		Poster
84	icnn9-02620213	Fatemeh Moharaminezhad	Study of Ejection Dynamics of a Semi-flexible Polymer from a Nano-sphere Using Molecular Dynamics Simulation Compared with Theory		Poster
85	icnn9-02380183	Neda Saffarian Tousi	Antibacterial and antifungal activity of silver nanoparticles (AgNPs) as a nanomedicine regarding pathogenic agents: a systematic review		Poster
86	icnn9-02020100	Bitra Charbdast	Creating antibacterial properties of cotton fabric with nano zinc oxide		Poster
87	icnn9-02610185	Danial Hashemi Karoii	Characterization of fibronectin 1 gene expression in human of undifferentiated and differentiated spermatogonia		Poster
88	icnn9-00610004	Soqrat Omari Shekaftik	Toward appropriate personal protective equipment for activities involved with nanomaterials		Poster
89	icnn9-00610005	Soqrat Omari Shekaftik	Toward a dedicated “hierarchy of controls” for work environments involved with nanomaterials		Poster
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91	icnn9-02190228	Fatemeh Dehghan	Fabrication and characterization of Polylactic Acid-based Films including GO-ZnO Hybrid and Mentha Longifolia Essential Oil for Application in Biodegradable Packaging		Poster
92	icnn9-02190229	Fatemeh Dehghan	Investigating the Biodegradability and Antimicrobial Characteristics of Packaging Films based on the Polylactic Acid Having Bioactive Compounds		Poster
93	icnn9-00660027	Mehran Arabi	Toxicity of Nano-TiO ₂ in Goldfish (<i>Carassius auratus gibelio</i>)		Poster
94	icnn9-01000063	Mahla Ghorbani	The effect of zinc oxide particles on the absorption of ultraviolet waves for use in sunscreen creams		Poster
95	icnn9-02580160	Mahsa Jafarian	Biomarker Responses in Earthworms <i>Eisenia fetida</i> Exposed to Nano-TiO ₂		Poster
96	icnn9-01180040	Milad Nikandish	NiFeS Nanoflakes Supported on BiVO ₄ as a Novel and Efficient Photoanode for the Enhanced Photoelectrochemical Oxidation of Water		Poster
97	icnn9-01890173	Hamidreza Mazareinejad	Investigating the Effect of Nano-sized Aluminum Metal Fuel on Regression Rate of Fuel-rich Propellant Based on HTPB		Poster
98	icnn9-02500215	Samaneh Ghanbari kashan	A description of the semi-flexible polymer configuration inside the nanosphere and how it ejection		Poster

99	icnn9-02880244	Karami Farnaz	Comparison of the efficacy of Alginate nanoparticles containing Cymbopogon citratus essential oil and its major ingredient (citral) on breast cancer cell line		Poster
100	icnn9-01450237	Azarakhsh Sara	Photocatalyst and magnetic investigation of nanocomposites: CoFe ₂ O ₄ /g-C ₃ N ₄ and CoFe ₂ O ₄ /CdS for Photo-Degradation of methylene blue		Poster
101	icnn9-02800232	Mohammad Amin Khayyat	Green Synthesis of Silver Nanoparticles Using Extract of Thymus, Physico-Chemical Characterization and Antimicrobial Activity		Poster
102	icnn9-02800231	Saeed Taheri	Flexible Mixed Oxides ZnO/CWO Thin Films for Optoelectronic Applications		Poster
103	icnn9-01040061	Niazi Zahra	Synthesis of vanadium pentoxide catalyst to remove sulfur dioxide gas and produce sulfuric acid		Poster
104	icnn9-02880288	Mojtaba Rostami	Cur-loaded ZnFe ₂ O ₄ @mZnO@GQDs nano-carriers for Drug <i>Release via</i> US/pH-triggered		Poster
105	icnn9-02880300	Azarakhsh Sara	Synthesis and Investigation of Photocatalytic Properties of CoFe ₂ O ₄ /ZnO and CoFe ₂ O ₄ /CuO for Degradation of Methylene Blue		Poster
106	icnn9-02880296	Mahtab Mansouri	Preparation and characterization of nanocomposite of silver with pennyroyal essence based on cellulose and its antibacterial effect		Poster

107	icnn9-02880297	Misagh Ghadiri	Palladium-coated polymer nanocomposite as the eco-friendly catalyst in cross-coupling reactions		Poster
108	icnn9-02880299	Parisa Rezvaninia	The ZnFe ₂ O ₄ @mZnO-RGO Nano-composites as a Carrier and an Intelligent Releaser Drug with Dually pH/US-triggered Controlled		Poster
109	icnn9-01380078	Mohammad Ali Sadeghzade	Fabrication of Zr-based MOF Quartz crystal microbalance (QCM) as gas sensor for VOCs detection		Poster
110	icnn9-02540155	Sarina Sahraei	The effect of incorporation carbon nanotube on the corrosion behavior, mechanical properties of CoCrFeNiMn high entropy alloy, produced by MA+SPS method		Poster
111	icnn9-02310140	Mercedeh Delyanee	Preparation of reduced graphene oxide nanoparticles/macruCuO/PAG as a promising material for the electrodes of supercapacitors for energy storage application		Poster
113	icnn9-02880302	Ali Ghafari	Synthesis of core-shells based on Fe ₃ O ₄ @PANI for absorption of electromagnetic waves		Poster