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0008 Preparation and in-vitro Evaluation of Doxorubicin-loaded Fe3O4 Magnetic Nanoparticles Modified with Biocompatible Co-polymers
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0009 Effect of Zinc Oxide Nanoparticle in Prevention of Experimental Peptic Ulcer in Rat
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0019 Synthesis and Evaluation of Uniform Molecularly Imprinted Nanospheres for the Sustained Release of Nalidixic acid
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0038 Preparation of PEGAA Nanogel for Naltrexone Hydrochloride Delivery
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0048 Dispersive Liquid-Liquid Microextraction Assisted by Modified Copper(I) Nanoparticles for Quantitative Analysis of Ofloxacin
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0074 Preparation and Characterization of Doxorubicin-loaded Magnetic Biodegradable Microspheres
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0080 Green Preparation of Magnetic Nanoparticles in a Deep Eutectic Solvent
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0089 Ultrasonic Synthesis of Nanoparticles of New Organotin(IV) Complexes with Phosphoric Triamide Ligands
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0100 The Effect of Sn Dopant on Crystal Structure and Photocatalytic Behavior of Nanostructured Titania Thin Films
   Behzad Koozegarkaleji, R. Sarraf-Mamoory

0119 Preparation and Characterization of Ultrasonically Sprayed P-type Zinc Oxide Thin Films Doped with Lithium
   Naser Sedigh, M. Ardyanian

0131 Nanosilver Particle Production Using Juglans Regia
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0160 Role of Lattice Strain on Optical Band Gap Energy of Titania
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0162 Influence of Cu Dopant on Microstructure and Optical Traits of Sol-Gel Derived Nanostructured CdS Thin Films
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0168 Synthesis and Characterization of Cobalt Oxide Nanoparticles by Thermal Decomposition of the [Co(en)3](NO3)3 Complex
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0177 Fabrication and Physical Characterization of a Biocompatible Nanofibrous-Hydrogelic Artificial Cornea
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0191 Measurements of Thermal Conductivity of Nanodiamond Fluids in Engine Oil

0197 Preparation and Characterization of Walnut oil Nanoemulsion in Order to Application in Beverage Product
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0206 Nano scale pattern of DNA Strands on Aluminium Thin Film
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0284 Synthesis and Characterization of CdS Nanoparticles Through Sonochemical and Thermal Decomposition in Different Environments
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0287 Synthesis and Characterization of Side and end Wall Functionalization of MWCNTs as a Molecular Absorbent
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0347 The Challenge of Blood Lead Determination Using Nanotechnology
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0353 Determination of Tetracycline by Fluorescence Quenching Method with ZnS Nanoparticles as Probe
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0354 A Simple and Sensitive Assay for Ampicillin in Pharmaceuticals Using Gold Nanoparticles as Spectroscopic Probe Reagent
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0355 Topological and Electron Transfer Properties of Commercially Available Carbon Nanostructured Electrodes
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0369 Fabrication of Hydrogen Peroxide Sensor by Modified Electrode Containing Carbon Nanotubes and a Reactive Blue
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0372 Regioive Direct Ortho-acylation of Phenol Derivatives Catalyzed by Multi-walled Carbon Nano Tubes Supported-Lewis Acid as New Catalyst
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0373 Experimental Study of Force Convective Heat Transfer for CuO – Water nanofluid flow in a Tubular Heat Exchanger
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0377 Manipulation of DNA Nanoparticle Based on Atomic Force Microscopy
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0379 DMT Contact Mechanics Model Application and Sensitivity Analysis in Manipulation of Biological Cell
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0393 Mechanical Properties of Silicon Nanowire Using the Structural Mechanics Approach Method
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0465 Electrophoretic Deposition of Hydroxyapatite–Titania Nanocomposites on Ti–6Al–4V Substrates
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0492 Synthesis of Polystyrene –Clay Nanocomposites via Living Radical Polymerization
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0494 Investigation of Mechanical & Antimicrobial Properties Biodegradable Nanocomposites LDPE/Starch
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0495 Synthesis of Brominated Polystyrene (Br-PS)-Poly(methyl methacrylate)(PMMA)–Nanocomposites by ATRPand NMRP
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0516 Nitroxide-mediated Polymerization of Styrene Initiated from the Surface of Titanium Oxide Nanoparticles
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0524 Thermal and Mechanical Behaviour of Flame Retardant-Containing Polypropylene in the Presence of MWNTs
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0525 Preparation of Polythiophene layered on MnFe2O4-Fe3O4 Nanocomposite and study of its Microwave Absorption Properties
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0540 The Photocatalytic Degradation of 2,4-dichlorophenol and Methylene Blue by Porphyrin Immobilized On Co-TiO2 Nanopoweder
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0549 Doping of Poly(o-methoxyaniline) and Synthesis of the a Novel Nanocomposite under Solid-state Condition
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0593  Removal of Copper Ions from Aqueous Solutions by Polyaniline/Clinoptilolite Nanocomposite
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0594  Different Conductivity With Electrochemical Impedance Spectroscopy for Poly (1-amino-9,10-anthraquinone)/MWCNT Nanocomposite
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0596  Electrochemical Synthesis of Poly (1-amino-9,10-anthraquinone) on Glassy Carbon Electrode Modified by Carbon Nanotube
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0628  New Polyimide-Layered Silicate Nanocomposite Based on 3,3’,4,4’-Biphenyl tetracarboxylic dianhydride
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0630  Syntheses of New Poly(imide-ether) and Preparation and Characterization of New Poly(imide-ether) Nanocomposite Organoclay Containing 3,3’,4,4’- Phenylen dicarboxylic dianhydrid with 4,4’- Diamino diphenyl ether
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0651  Biocompatible Conductive Starch Nanocrystals/Polypyrrole Nanocomposites: Synthesis and Characterization
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0652  Comparison of Impregnation and Sol-Gel Methods for Synthesis and Characterization of Ni/Al2O3-CeO2 Nanocatalyst
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0655  Antibacterial Thin Film Composite Nanofiltration Membranes Containing Silver Nanoparicles
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0742  Mechanical and Thermal Characteristics Investigation of Treated Epoxy-Nano SiO2 Composite
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0744  Heterogenous Nanoceria as a Nanocatalyst for Ring Opening of Epoxides With Thiols
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0747  Modification of Water-base Acrylic Resin using Surface Treated TiO2 to Improve Thermal Properties of
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0760  Production of Zn-TiO2 Nanocomposite Thin Films by Pulse Plating Process
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0790  Applying Different Alkalines in Hydrothermal Synthesis of CuO/ZnO/Al2O3 Nanocomposite: KOH,
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0802  Investigation of the Effect of Different Concentration of Doping Nanoparticles in Liquid Crystal
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0808  Investigation the Anisotropic Dielectric Behavior of Nanoparticle (Fe3O4)-doped in Liquid Crystal
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Full-Vectorial Time-domain Modelling of a Quantum Dot Based Photonic Crystal Nanocavity Laser
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0977  Prepared Supported Copper chromite Catalyst
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1015  The Hyper Edge Wiener Index of Join of Graphs
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1108  Thermal Conductivity of Zigzag Carbon Nanotubes due to Electron Phonon Coupling
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1129  Nano Structure Titania Thin-Film As a Blocking Layer In Organic Dye Sensitized Solar Cells With New Kinetically Fast Redox Mediators
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1139 Electrocatalytic Oxidation of Hydroxylamine at the Surface of Ionic Liquid Modified Carbon Nanotube Paste Electrode
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1153 ZnO/Graphene Nanocomposite for Quantum Dot Sensitized Solar Cells
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1155 Fabrication of Inverted Bulk-Heterojunction Polymer Solar Cell using ZnO Nanorods
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1165 H2S Gas Sensor based on SAW-CNTs
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1246 Porous Alumina Membrane as a Template for Fabrication Nickel Nitroprusside Nanostructures
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1273 Composition Dependence of Electronic Structure of Zirconium Silicates Gate Dielectrics Thin Films on Si (100)
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1283 The Effect of Type and Concentration of Reducing Agent on Synthesis and Structural Properties of Silver Nanoparticles
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1291 Production of Ultra Fine Pure Copper with high-strength and high-conductivity by Equal Channel Angular Pressing
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1295 Investigation of Luminescent Properties of Lanthanum Orthovanadate Nanoparticles
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1300 Preparation of Cobalt Disulfide Nanoparticles via Solvothermal Method
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1305  Critical Size Nanoparticle Structure Parameters for Au
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1309  An Investigation on Particle Size of Pure Ti Nanoparticles Produced by Electromagnetic Levitation
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1311  Experimental Investigation of Mass Transfer Enhancement of Liquid-Liquid System in Presence of
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1313  Structural Properties of SilverPalladium Bimetallic Nanoparticles Fabricated by Ultrasound Method
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1326  Comparative Study of Methane Adsorption on Activated Carbon & Multi-Walled Carbon Nanotubes: Kinetics and Thermodynamics
       Mohsen Jahanshahi, S. Monemtabary, M. Shariati Niasar, A. A Ghoreyshi

1328  Nano Silica-Supported Periodic Acid as a Green Catalyst for Synthesis of 2-Naphthol Azo Dyes by Grinding
       Mohamad Reza Nazifi, A. Bamoniri, A. R. Pourali

1340  Surface Modification of Cotton Fabric with Stimuli Responsive PNiPAm-Chitosan Nano-Hydrogels
       Azadeh Bashari, N. Hemmati Nejad, A. Pourjavadi

1347  Surface Morphology of Nickel, Copper and Gold Nanostructure Thin Films
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1352  Effect of Cerium on the catalytic performance of SAPO-34 for production of light olefins from naphtha
       Ali Zeinali, J. Towfighi, A. Mohamadalizadeh

1362  Improvement of Methane/hydrogen Separation Adsorbent by Nanostructure Deposition
       Javad Keypour, A. Haghighi Asl, A. M. Rashidi

1367  Nano-porous Fe-MIL-53-NH2 Metal-organic Framework As A Novel Precursor For Synthesis of Fe2O3
       Nano-particles
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1369  The Effect of Diameter of PVA Nanofibers on Optical Properties
       Parastoo Ahmadpoor, A. Shams Nateri, V. Motaghi Talab
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1372  Investigation of Cathode Catalyst Layer Nanostructure Effect on the Proton Exchange Membrane Fuel Cell Performance
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1374  Densification of Nanocrystalline Bioglass-Reinforced Hydroxyapatite by Two-Step Sintering
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1375  Optical Characterizations of Spray Pyrolysis Zinc Oxide Nanostructures
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1376  Nano-Porous Cr-MIL-53 Metal-organic Framework As A Novel Precursor For Synthesis of Cr2O3 Nanoparticles
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1384  Synthesis and Characterization of Mercury Selenide Nanostructures via Hydrothermal Method
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1454  Homocoupling Reactions of Aryl Halides with Palladium(0) Nanoparticles Catalyst Immobilized on Silica-(acac)
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1533  Low Temperature Synthesis of Mesoporous Silicon Carbide by Using Nanocomposite MCM-48 / PAM as Precursor and Magnesiothermic Reduction Process
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1539  Formation of Iridium Oxide Nanotubes into Polycarbonate Membrane and AAO template by Electrodeposition
Erfan Mafakheri, H. Mafakheri

1570  Preparation of Nickel sulphide Nanoparticles by Microwave Irradiation in the Presence of Inorganic Precursor
Ghazaleh Banaiean-Mofrad, M. Salavati Niasari

1639  Preparation of Anatase Nanocatalyst by Polymeric Sol-gel for Methyl Orange Photodegradation in Contaminated Water
Vahideh Tajer-kajinebaf, H. Sarpooleaky, T. Mohammadi

1654  Experimental Investigation of Mass Transfer Coefficient of CO2 Absorption in the Fe3O4 Nanofluid
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1687 Preparation and Characterization of Barium Carbonate Nanostructures via Hydrothermal Method
Zahra Asgarifard, M. Salavati-Niasari

1718 Dawson Heteropolyacid As A Green Nano Catalyst For Preparation of Waterproof Building Nano Materials
Sara Saneinezhad, F. F. Bamoharram, N. Hasanzadeh, M. M. Heravi

1736 Fabrication of Low Fouling Nanocomposite Membranes Containing Alumina Nanoparticles for Disperse Dyes Recovery
Yasaman Mohades Mojtahedi, M. R. Mehrnia, M. Homayoonfal

1792 The Effect of High Current Peak on The Nanoporous Anodic Alumina Morphology
Mohammad Noormohammadi, M. Moradi

1800 Nano-ZrO2: Preparation, Characterization and Catalytic Activity in the Condensation Reactions
Elham Rezapour, M. Jafarpour, A. Rezaeifard, M. Ghahramaninejad

1804 Transmission in Armchair Graphene Nanoribbons Quantum Dots
Maryam Babaei, M. Babaei, M. E. Azimaraghi, F. Karimipur

1813 Effects of Duty Cycle on Properties of TiC Coatings
Ali Shanaghi, A. R Sabour Rouhaghdam , Sh. Ahangarani, H. Moradi

1825 Preparation and Catalytic Activity of MgO Nano Particles as Catalyst in the Synthesis of Benzaldehyde Derivatives
Elham Zakerzadeh, H. Naeimi

1833 A New Scheme to Enhance Strain Distribution and Nanostructural Homogeneity for ECA-extruded Copper
Behzad Tolaminejad, A. Karimi Taheri, H. Arabi, M. Shahmiri

1840 Effect of Pressure Driving Force on Nanostructure MFI Zeolite Membranes Performance in the Pentane Isomers Separation
Nazanin Charchi Aghdam, Z. Belbasi, A. A. Babaluo, B. Bayati, M. Ejtemaei

1902 One-Put Synthesis of Tetrasubstituted Imidazoles Catalyzed by Nanocrystalline MgAl2O4 under Ultrasound Irradiation Condition
Zahra Akbari, J. Safari, S. Naseh

1952 Two-Step Sintering of Dense Nanostuctured Hydroxyapatite/Titania Composite
Ali Farzin, M. Ahmadian, M. H. Fathi
1977  Biomimetic Synthesis of Nano-hydroxyapatite Coatings on Friction Stir Processed Ti-6Al-4V Substrates
Ali Sadeghi, H. Farnoush, A. Abdi Bastami, F. Moztarzadeh, J. Aghazadeh Mohandesi

1978  Reduction of Growth Rate of Rayleigh-Taylor Instability Using Nano-Structured Porous Lining at ICF
Target Shell
Sepideh Rahimi Shamami, A. Ghasemizad

2009  Antioxidant/Polyphenolic Activity Assay Based on the Inhibition of Oxidation and Photobleaching of L-
Cysteine-Capped CdTe Quantum Dot
Tahereh Khosousi, B. Hemmateenejad, M. Shamsipur, O. Firuzi, M. Shanehsaz

2012  Protein Adsorption onto Synthesis Nano-Hydroxyapatite
Maryam Massah Bidgoli, M. Mohsen-Nia

2016  Cytotoxicity of Gold Nanorods on K562 Cancer Cell Line Model
Samaneh Salimian, R. Saber, M. Khorramizadeh, S. Kharrazi

2016  Synthesis and Characterization of Mesoporous β-Tricalcium Phosphate (β-TCP) Nano Powder for
Biomedical Application
Javad Moradian, M. Anbia, J. Javadjour, K. Asgharpour, M. Taherian

2016  Toxicity Evaluation of Manufactured Nanoparticles to Bacteria Vibrio Fischeri Using Homemade
Luminometer
Ehsan Binaeian, A. M. Rashidi, H. Attar

2016  Modified Nano Ferromagnetic Particles as an Adsorbent for the Removal of Pb(II) Aqueous Solutions
Somaye Abedi, H. Zavvar Mousavi

2016  Copper Adsorption Aqueous Solution onto Modified Nano Magnetic Particles: Equilibrium and Kinetics
Zahra Lotfi, H. Zavvar Mousavi

2017  Synthesis of Nano Crystalline Strontium W-type Hexaferrite
Alireza Farhadizadeh, S. A. S. Seyyed ebrahim, M. R. Dadfar

2017  Monolayer Formation of L10 FePt Nanocrystals
Fereshteh Azarkharman, E. Saievare Iranizad, S. A. Sebt

2017  Trace Determination of Procainamide Using a Magnetic Polymer Nano-adsorbent
Zeynab Behzad Nazif, H. Eskandari

2017  Effect of Substitution of Mn ion on Magnetic and Structural Properties of Fe3O4 Nanoparticles
Fatemeh Behrad, N. Shahtahmasebi, M. Rezaee Roknabadi, N. Ghows
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Nanostructure Fabrication of a New Theinyl Compound through Molecular Self-assembly on Gold Surface as an Electrochemical Sensor
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