

Poster Presentations 2

0011 Effects of Increasing Intermittent Running Exercise on Cortisol Level Measured at Nano Scale

Mohammad Javad Pourvaghar, .

0014 Effects of Interval Aerobic Running Exercise on Testosterone Level Measured at Nano Gram Scale

Mohammad Javad Pourvaghar, .

0015 Molecular Dynamics Simulation of Local Anesthetic Nano Drug: Potential of Mean Force Calculation and Protein Binding

Parto Haghighi, A. Yousefpour, H. Modarress, M. Mohsen-Nia

0047 Effects of the Step Heights and Different Nanofluids on Laminar Forced Convection Flow in a Backward Facing Step

Mehrdad Naderi Beni, A. A .Abbasian, S. Nazari

0057 Encapsulation of Vitamin A Palmitat by Microemulsion Technique: Study of Co-Surfactant Effect

Solmaz Maleki, Z. Atashafrooz, A. Salehi Sadaghiani

0058 Cucurbita Pepo Microemulsion System

Solmaz Maleki, Z. Atashafrooz, A. Salehi Sadaghiani

0066 Boron Nitride Nanotube Can Act a Suitable Anticancer Drug Delivery

Rezvan Morid Zadeh, Z. Mahdavifar, H. Farhangian

0120 Formation of Uniform Activated Carbon Nanofibers Containing High Percentage of TiO₂ Nanoparticles

Fahimeh Mehrpouya, H. Tavanai, M. Morshed, M. Ghiaci

0128 Synthesis and Characterization of AgVO₃ Nanorods

Fatemeh Mohandes, M. Salavati-Niasari

0130 Synthesis and Characterization of CuInS₂ Nanoparticles and Investigation of Their Behaviour in Solar Cell

Mohammad Sabet, M. Salavati-Niasari

0132 Application of a New MercaptoSchiff-base Nanostructures SAM in Corrosion Inhibition of Copper

Hajar Jafari Tadi, M. Behpour

0146 The Effect of Plasma Power on Microstructure of Nano Agglomerated Thermal Barrier Coatings Made by Atmospheric Plasma Spray Process

Mahdi Nazari, N. Ehsani, Z. Valefi, H. Hoseini

- 0147** Photodegradation of MO with Porphyrin Functionalized V-TiO₂ Mesoporous Using Silane-Coupling Reagent
Masoumeh Mahjoub Moghaddas, R. Rahimi, S. Zargari
- 0217** Synthesis and Characterization of Different Nanostructures of NiMoO₄ by ThermoultraSonication Method (TSM)
Masoud Salavati-Niasari, G. Kianpoor, H. Emadi
- 0249** Synthesis and Characterization of Tin Oxide Nanowires
Akram Kabiri, P. Boroujerdian, Gh. Nabiyouni, J. Ghasemi, A. Fattahi
- 0269** Development of Permeability Properties of Composite Polyamide Nanofiltration Membrane by Using the Additive DMSO
Seyed Majid Mojallali Rostami, A. Akbari
- 0271** Microscopy and Spectroscopy Studies of Sulfonated Functionalized Multi-Walled Carbon Nanotubes
Mohsen Golestanzadeh, R. Fareghi Alamdari, F. Agend, N. Zekri
- 0348** Nanostructured Screen Printed Electrode for Development of a Novel Enzyme-Amplified Electrochemical Genosensor
Hoda Ilkhani, G. Marrazza, M. Mascini, M. R. Ganjali, M. Arvand
- 0350** Nanostructures Constructed by Interfacing of Cytochrome c into the Au Electrode Surface via Zr(IV) as a Metal Ion Glue
Marzeyeh Samiei, R. Karimi Shervedani
- 0376** Numerical Study of Mixed Convection in Two-sided Lid-driven Square Cavity Utilizing Water-Al₂O₃ Nanofluid
Saeed Nazari, G. A. Sheikhzadeh
- 0398** Comparison between H-C and Temperature Dependent Properties Models in a Circular Tube filled with Nanofluid
Mehrdad Naderi Beni, G. A. Sheikhzadeh, H. Forouzandeh Jounaghani, H. Naderi Tehrani
- 0401** Small Scale Effect on Nonlinear Vibration of Embedded SWBNNTs Based on Euler–Bernoulli Theory Using DQ Method
Ali Reza Shajri, S. Amir, A. Ghorbanpour Arani, M. A. Roudbari
- 0402** Performance Evaluation of Different Nanoparticles on Heat Transfer Enhancement in a Square Cavity Using a Lattice Boltzmann Method
Poria Mohammadi, A. R. Rahmati, S. Niazi
- 0403** A Lattice Boltzmann Method for Simulation of Rayleigh–Bénard Convection Heat Transfer in Nanofluids
Reza R. Lotfy, A. R. Rahmati, S. Niazi

0404 Effect of Nanoclay on Weld Strength and Seam width for CO₂ Laser Welding of Polypropylene - Clay Nanocomposite

Mohammad Reza Nakhaei, N. B. Mostafa Arab , G. Naderi

0432 Catalytic Activity of Sol-Gel Derived CuO/SiO₂ Nanocomposite Toward CO Oxidation

Seyed Hossein Tohidi, M. Derhambakhsh, G. L. Grigoryan

0449 Electrodeposition of Polyaniline-TiO₂ Nanocomposite Films on Aluminum Surface and its Corrosion Protection Performance

Mehdi Shabani-Nooshabadi, Y. Jafari

0464 Nano Silica Phosphoric Acid an Efficient Catalyst for Synthesis of Trisubstituted Imidazoles via Sonication Condition

Sadighe Nazemian, A. Bamoniri , B. F. Mirjalili

0473 Synthesis and Characterization of Poly(Ethyl Vinyl Ether-co-Maleic Anhydride)-Block-Copolymer/Titanium Dioxide Nanocomposite

Mehdi Amani, M. Hamadanian

0474 Nano SbCl₅.SiO₂: An Efficient and Recyclable Catalyst for the Preparation of Coumarin Derivatives

Hasan Karbasizadeh, A. Bamoniri

0488 Adsorption of Pb²⁺ by Thiol-Functionalized Beta/MCM-41 Nanocomposite

Oranous Fardmousavi, H. Faghihian

0595 Durability of Water-base Acrylic Coatings Containing

Shahla Pazokifard, S. M. Mirabedini, M. Esfandeh

0623 Metal(II) Salen Complexes Entrapped within Pores of Zeolite Y as Nanoreactor in Ring Opening of Epoxides

Mohsen Moradian, H. Naeimi

0685 Characterization of Accumulative Roll Bonding (ARB) Produced Cu-W and Cu-WC Nanocomposites

Zohre Noohi, M. Karbasi

0694 Curing of DGEBA/ZnO Nanocomposite with New Fluorinated Curing Agent: Study of Kinetics, Water Absorption and Shelf Life

Maasoom Bazzar, M. Ghaemy, F. Rahimi Berenjestanaki

0697 Study on Photoluminescence and Kinetics of Epoxy-Zinc Oxide Nano Composite

Farshad Rahimi Berenjestanaki, M. Ghaemy, M. Bazzar

0704 Fabrication and Characterization of Beta Tri Calcium Phosphate - Forsterite Nanocomposite Foam

Parsa Rezvanian, M. H. Fathi, A. Saeidi

- 0711** Ultrafine-grained Cu/CNT Composites Fabricated by Friction Stir Processing
Jalal Jafari, M. K. Besharati Givi
- 0719** Synthesis of Poly(3,4-ethylenedioxythiophene)/Ag Nanocomposite Using Binary Organic Solvent
Hossein Moaref, H. Behniafar
- 0720** Synthesis of a New Nanocomposite of Poly(2-methylaniline) with Nanosilica-Supported Sulfuric Acid
Jamal Hoseini, A. R. Modarresi-Alam, R. Masoudi-Golkhatmi
- 0745** Synthesize and Characterization of Silica@Gold Core-Shell Nanoparticles Based on Two Different Methods
Mozhgan Kazemzadeh Atoofi, N. Shahtahmasebi, E. Goharshadi
- 0774** Effect of Viscoelastic Foundation on Nonlinear Vibration and Instability of Smart Composite Cylindrical Shell
Reza Kolahchi, A. Ghorbanpour Arani
- 0800** Analytical Model for Coupled Nanoplasmonic Stubs
Meisam Bahadori, M. Rezaei, K. Mehrany
- 0801** Investigation Order Parameter of Polymer Network and Nanoparticle Doped Liquid Crystal
Ali Maleki, M. H. Majles Ara, M. S. Zakerhamidi, E. Taghipur
- 0811** Effect of Y₃Al₅O₁₂ Nanoparticles on Efficiency of Double Clad High Power Fibre Laser with NLSE Characterization
Seyyed Farshad Akhtarian far, A. Ramazani
- 0816** Semi-Analytical Approach in Design of Single Stub Matching Stage for Reflection Reduction at the Interface between Planar Nanoplasmonic and Dielectric Slab Waveguides
Hossein Hodaie, M. Rezaei, K. Mehrany
- 0823** Investigation of Band Gap in Two Dimensional Nano Metallic Photonic Crystals in Honeycomb Lattice with Three Materials
Zahra Rozitalab, A. Gharaati, L. Mohammad Ebrahimi
- 0831** Catalytic Activity of Nano ZnO, CdS and CuO Particles for Photodegradation of Azo-azomethine Dyes in Light and UV Irradiation
Fatemeh Khodam, H. Khanmohammadi
- 0834** Nonlinear Optical Properties of Au:PEDOT/PSS Nanocomposite
Mohammad Reza Rashidian Vaziri, Y. Golian, A. Motamedi, F. Hajiesmaeilbaigi, M. H. Maleki
- 0837** Light Transmission from a Nanoslit Surrounded by a Metallic Structure
Fatemeh Ostad Sharif Meamar, H. R Zangeneh, M. Asadnia Fard Jahromi

- 0838** Self-Assembly of 3-Aminopropyltrimethoxysilane to Improve the Efficiency of Dye-Sensitized Solar Cells
Mojtaba Mojiri Foroushani, H. Dehghani, N. Salehi-Vanani
- 0841** Analysis of a Surface Plasmon Enhanced Quantum-Dot Infrared Photodetector
Mohammadreza Mehdipour, V. Ahmadi
- 0847** Tuneable THz Nanoslot Waveguide Source
Fateme Ostad Sharif Meamar, H. R. Zangeneh, M. Asadnia Fard Jahromi
- 0871** Preparation and Optical Properties of Ce Doped Kmgf3 Nanoparticles
Mohsen Mehrabi, M. Zahedifar, M. Tarighi
- 0899** Fabrication & Characterization of PVP/HA/Alumina Nano Composites
Mohsen Shademan, M. Zakeri
- 0916** Theoretical Study of Free Energies of Electron Transfer, Electron Transfer Kinetic Theoretical of Metal Nitride Cluster Fullerenes M3N@C80 in
Sedigheh Noruzian, A. (Arman) Taherpour
- 0922** Application of Wurtzite I-VI Compounds in Nanospinronic
Mohammad Rostami, M. Moradi, M. Afshari
- 0925** Effects of Nanoparticles Mean Diameter and Temperature on Natural Convection Heat Transfer of A Nanofluid Using LBM
Alireza Shahriari, M. Rahnama, A. Behzadmehr, S. Jafari
- 0932** Produced Nano TiO2Coated Thin Film for Degradation of Organic Dye
Razieh Razavi, R. Razavi, S. M. A. Hosseini, A. Zangiabadi
- 0934** DFT Thermodynamic Properties and NMR Studies on C60 Fullerene and Carbon nanotube Closed and Open End Structures
Mohammad Mirzaesmail, A. R. Ilkhani
- 0943** An Incompressible Lattice Boltzmann Method for Simulation of Mixed Convection Al2O3-water Nanofluid Flow
Ahmadreza Rahmati, A. Rahmani, M. Ghazanfari
- 0949** Irregularity of Some Nano Structures
Gholam Hossein Fathtabar Firouzjaei, .
- 0950** Evaluation Aromaticity and Gibbs Free Energy in the C20-Functionalized
Soleyman Esmaeilzadeh, M. Hamadianian

0957 Conductive Properties of Li Adsorption on (10 0) Zigzag Single- Wall Carbon Nanotubes: a Theoretical Approach

Banafshe Noori, M. Hamadani

0958 Theoretical Investigation of Zigzag Single-Wall Carbon Nanotubes Modified by Thiophene Groups

Sara Naseh, M. Hamadani

0959 Calculated Optical Heating Properties of Gold Nanoparticles in a Polymer Solution: Applications in Fabrication Process of Organic Light Emitting Diodes (OLED)

Elham Khosravian, M. H. Zandi, N. Jahanbakhshi Zadeh, A .R. Bahrampour

0988 Structural And Electronic Properties OF Magnesium Meso - Tetra Phenylporphyrin(MgTPP) Attached Fullerene Based

DFT Treatments

Mohamad Shokry Ghadi, R. Alizadeh, M. D. Ganji

0992 Electronic, Structural and Magnetic Properties of Co-doped Single-walled Carbon Nanotubes: A First-principle Study

Mahnaz Mohammadi, B. Khoshnevisan, M. Malehmir

0995 Minimum Generalization Degree Distance of n-vertex Unicyclic and Bicyclic Graphs

Samaneh Hosseinzadeh, A. Iranmanesh, A. Hamzeh

0996 On the General Narumi-Katayama Index of Nanostar Dendrimers

Mohammad Ali Hosseinzadeh, A. Iranmanesh

1002 Constructing Fullerene Graphs from Finite Groups

Mahsa Mirzargar, .

1003 Counting Polynomial of C₅₀ 10n Fullerenes

Fatemeh Moftakhar, A. R. Ashrafi

1004 Enumeration of Viral Shells

Fatemeh Koorepazan-Moftakhar, A. R. Ashrafi

1012 On the Shell Polynomial of Graphs

Yaghub Pakraves, A. Iranmanesh

1053 Quantum Mechanical Study of Structural and Electronic Properties of Co Adatom Adsorbed on Graphene

Farideh Hajiheidari, H. Kahnouji, H. Najafvandezadeh

1060 Investigating the Plasmonic Modes of Metal-Dielectric Nanocomposite Metamaterials

Ahmad Moshaii, N. Ahmadi, F. Ghane Golmohamadi

1072 Eccentric Connectivity Index of Fullerenes with Exactly 12n + 6 Carbon Atoms

Fatemeh Koorepazan-Moftakhar, Kh. Fathalikhani

1075 Numerical Study of Mixed Convection of a Nanofluid Variable Properties in C-shaped Enclosures
Saeed Bahreyni, H. Khorasani zadeh, A. Roshanbin, M. Ghorbani, M. R. Khosrojerdi

1080 Eccentric Sequences of Two Infinite Classes of Fullerenes
Samira Jafari, F. K. Moftakhar, A. R. Ashrafi

1082 Design of Virtual Reality Environment for Nano-Manipulation Based on Enhanced Image by Genetic Algorithms
Sobhan Esmailzadehha, M. H. Korayem, M. S. Esmailzadehha, A.V. Tabrizi

1112 Inter-Digitated Electrode Modified with Tungsten Carbide/Tin Oxide Core-Shell as a new sensor for CH₄ detection
Samira Nikmanesh, M. M. Doroodmand, M. H. Sheikhi

1116 Separation Water from Oil with Carbon Nanotubes
Jamal Afzali, M. Hesam

1126 Analysis of Optical Properties of Armchair Graphene Nanoribbon Transistor
Arash Marouf, V. Ahmadi, M. Pourfath

1138 Comparison of ZnS/Metal/ZnS Multilayer as Anode Layer for Organic Solar Cells
Seyed Mohamad Bagher Ghorashi, A. Behjat

1151 Fabricating and Modifying the Characteristics of Sensors Prepared with Impure Aluminum
Hamed Abbasian, M. Almasi Kashi

1154 Investigation of Corrosion Behavior of Copper Electrode in the Presence of Cu₂O Nanofluid
Afsaneh Mennati, A. Hasanzadeh

1161 Fabrication of over 6% Dye Sensitized Solar Cells Based on Using Hydrothermally Prepared TiO₂ Nanocrystals; Comparison of the Performance with P-25 DSSC
Mahboubeh Naeimi Sani Sabet, M. Marandi, F. Ahmadloo, M. Gholipour Shahraki

1172 Fabrication of ZnO Nanostructures TCO Layers by Spray Method and Optimizing their Electrical and Optical Properties
Leila Sheikhy, A. Mortezaali

1189 A Multi-walled Carbon Nanotube Modified Electrode for Investigation of Electrochemical Behavior a Sulfa Drug in the Presence of Ascorbic Acid in Human Blood Plasma
Asma Khoobi, A. Khoobi

1247 Using Porous Alumina Membrane for Fabrication of Iron Nitroprusside Nanostructures for AA Determination in Juices

Lila Lotfzad, R. E. Sabzi, A. Mehmannaavz

1259 Preparation of Hydrophobic/Conductive Cotton Fabric Using Carbon-Nanotube by Sol-Gel Technique
Mohammad Dehghani, N. Nasirizadeh, M. E. Yazdanshenas

1317 Preparation of Nano TiO₂ Thin Films on Polycarbonate : Investigation of Surface and Optical Properties
Elahe Sheikhi-Shahidzadeh, B. Jaleh, S. Azizian, S. Habibi

1323 Investigation of Photocatalytic Degradation of Methyl Orange with Bi-V doped TiO₂-Porphyrin Composite
Masoumeh Mahjoub Moghaddas, R. Rahimi, S. Zargari

1324 Synthesis of Nano-Hamburger Polymer Particles and the Effect of Medium Ratio on it
Ali Bavi, F. Afshar Taromi, H. Eslami

1346 Increasing Adsorption Capacity Of ¹³⁷Cs With Inorganic Acids Modification of Synthesized Nano Zeolite
Sahar Daneshhian Anzab, H. Ghaforian

1360 Phase Transformation in γ Nanometer-sized NiMn Precipitates During Aging of An Fe-10Ni-7Mn Steel
Mohamad Reza Movaghar Garabagh, S. Hossein Nedjad, H. Hamed Zargari, M. Nili Ahmadabadi

1366 Removal of Acrylic Blue 5G Dye from Aqueous Samples by Using Modified α -Fe₂O₃ Nanoparticles
Sima Ghiasi, A. H. Mohsen Sarafi, E. Konuz

1371 Immobilization and Characterization of Chromium Macrocyclic Complex in Hybrid-Nanoporous and Catalytic Activity
Monika Joharian, A. Tarlani, Kh. Narimani, M. Fallah

1377 Effect of Stirring Time on the Size and Shape of ZnO Nanostructures Prepared by Co-precipitation Method
Masoumeh Naseri, A. Shamel, Y. Azizian Kalandaragh

1380 Synthesis and Modification of Nano β -Zeolite by Ethylenediamine for Adsorption of Cd²⁺
Sara Motlaghbahadory Esfahani, H. Faghihian

1383 Preparation of CoS₂ Nanoparticles in Surfactant Solutions at Moderate Temperature
Nahid Khandan, S. Jafarzadeh, M. Aghaziarati

1456 Photocatalytic Degradation of Reactive Orange 16 Azo Dye by TiO₂ and Iron-Doped TiO₂
Rasool Talebi, M. Safari, M. Nikazar, M. Dadvar

1474 Synthesis and Characterization of ZnO Nanoparticle
Hamed Poladi, A. Omrani, M. J. Chaichi

- 1486** The Improvement of SnO₂ Nano Film Properties Irradiated by Gamma Ray
Abdulhussein K. Elttayef, Mohammed. K. Khalaf
- 1498** Nanostructure and Compressive Strength of Geopolymer based on Metakaolin
Marjan Gandoman, M. Kokabi, M. H. N. Famili
- 1501** Proporation of Nano-copper Chromite Catalysts
Sayed Mohammad Pouresmaeily, M. Shahidzadeh, B. Shirkavand Hadavand, H. Mohammadi Nasrabady
- 1507** Effect of Solvent System and High Voltage on Morphology and Poly (Acrylonitrile/Acrylic acid) Nanofiber Diameters
Elahe Helmi, M. Nouri, S. Akbari, J. Mokhtari
- 1522** Investigation of Anti-Fogging Property and Photocatalytic Activity of Sn⁴⁺, Ni²⁺-TiO₂/SiO₂ Thin Film on Poly Carbonate Substrate”
Mahsa Ansarifar, S. Samadi
- 1537** Modified Iron Oxide Nano Particles by Aliquat 336S for Efficient Removal of Congo Red
Mohammad Amin Pourbati, N. Pourreza, H. Parham
- 1548** N-Alkylation of Pour nucleophilic Amides with Alcohols by a Hydrogen Autotransfer Process Catalyzed by Copper oxide Nanoparticles
Sayed Mohammad Pouresmaeily, B. Shirkavand Hadavand, M. Shahidzadeh, H. Mohammadi Nasrabady
- 1549** Preparation of 7-amino-1,3-dioxo-1,2,3,5- tetrahydropyrazolo [1,2-a][1,2,4]triazole Using NanoTiO₂ as Catalyst
Majid Mohammadnia, H. R. Shaterian, F. Moradi
- 1551** Synthesis of 2-amino-3-cyano-1-aryl-1H-benzo[f]chromenes with Nano Zinc Oxide Under Solvent-free Conditions
Farzaneh Moradi, H. R. Shaterian, M. Mohammadnia
- 1572** On the Photocatalysis and Photochemical Properties of TiO₂ Nanotubes
Mansour Jahangiri, A. Aminian
- 1573** Photo Catalytic Properties of Titanium Oxide Nano Particles for Removal of Organic Pollutants in Wastewater
Mansour Jahangiri, A. Aminian
- 1580** Application of Sulfonic Acid Functionalized Nanoporous Silica (SBA-Pr-SO₃H) in the Solvent Free Synthesis
Parisa Gholamzadeh, P. Gholamzadeh, A. Badiei, Z. Bahrami
- 1630** Removal of Nitrate from Groundwater by Nano Zero-Valent Iron/Copper Clinoptilolite without Ammonium Release

Fatemeh Sadat Fatemina, K. Falamaki

1669 Controlled Synthesis of CuSe and CuS Nanostructures

Roghayeh Mirzanezhad-Asl, Y. Azizian-Kalandaragh, A. Phirouznia

1702 The Effect of Different Parameter on the CaF₂ Nanoparticles

Ehsan Sadeghi, M. Zahedifar

1709 Preparation of Zinc Cobaltite Spinel (ZnCo₂O₄) Nanoparticles by Thermal Decomposition of [Zn(H₂O)₅Co(dipic)₂].2H₂O Precursor

Alireza Salehi Rad, M. Abedi, M. Behzad Koshgouei, A. Rezvani

1747 Preparation of Nanostructured CuO-ZnO-Al₂O₃ Powder in a Static and Magnetic-Assisted Agitated Hydrothermal Reactor

Saeed Saedy, M. Haghighi, M. Amirkhosrow

1749 Synthesis of Some New Diazo Dyes on the Basis of Schiff Bases in the Presence of Nanocrystalline Magnesium Oxide

Zahra Rashid, H. Naeimi, Z. S. Nazifi

1761 Topological Edge Properties of C₆₀ 12n Fullerenes

Ashraf Sadat Motaghigamsari, Z. Mehranian, A. R. Ashrafi

1762 Discrete Fourier Transform as Applicable Technique in Electrochemical Detection of Hydrazine Using Multi-Walled Carbon Nanotube/Polyacrylonitrile Ceramic Fiber as Working Electrode

Mohammad Mahdi Doroodmand, .

1847 Synthesis of ZnO Nanostructures from Zinc Cathode Melting Furnace Slag

Amin Babaeidehkordi, J. Moghaddam

1853 Synthesis of Metal Complexes of Heterocyclic bis(thiosemicarbazones): New Precursors for Metal Sulphide Nano Structures

Maryam Ranjbar, L. Kunjuraman, M. R. P. Kurup, M. Nabitabar

1880 Separation of Amoxicillin from Aqueous Media by Using Carbon Nanotubes

Mehdi Ranjbar, H. Ranjbar

1886 TiO₂ Nanoparticles as a Reusable and Green Nano Catalyst in Direct Synthesis of Amides from Carboxylic acids

Ali Reza Nasiri, F. Tamaddon

1904 Removal of Phenol Red Dye from Aqueous Solution by UV/Nano-TiO₂: A Factorial Design Analysis

Nafiseh Binesh, V. Mahmoodi, J. Sargolzaei, N. Seghatoleslami

- 1920** Ultrasonic-assisted Preparation of ZnO Nano-Structures by Different Coordination Compounds as Precursor
Maryam Ranjbar, N. Shahsavan, M. Yousefi
- 1961** Preparation and Investigations of Waterborne Polyurethane/NCS-TPP Blend
Shahin Ebrahimi, G. Mir Mohamad Sadeghi
- 1966** Effect of Adding Nano-titania on Mechanical Properties and Hydroxyapatite Formation of Calcium Phosphate Cements
Maryam Mohamadi, S. Hesaraki, M. Hafezi
- 1980** Some Investigation on Novel Biocompatible Core-Shell Fe₃O₄-Silica-Gold for Nanomedicine Targets Cancer
Sarah Mirzaie Rezaie, M. Sadeghi, D. Davodi
- 1985** Colloidal Stability of PEG Coated SPIONs
Mohamad Reza Mohamadi, H. R. Maddah Hosseini
- 2000** Molecular Kinematic Studies of 2ZQM Prefoldin Based Nano Actuator
Negin Manshour, A. Ghaffari, R. Hasanzadeh Ghasemi
- 2010** Interaction of Carbohydrate Capped CdSe Quantum Dots with Bovin Hemoglobin
Tahereh Khosousi, M. Shamsipur, T. Khosousi, B. Hemmateenejad
- 2067** Symmetric and Conserved Energy-Momentum Tensors in Moving Media Nanoscale
Samira Ahmadi, F. Kheirandish
- 2081** Sono-synthesis of Bismuth Ferrite Nanoparticles with High Photocatalytic Activity in Degradation of Rhodamine B Under Solar Light Irradiation
Tayyeb Soltani, T. Soltani
- 2088** Study of the Conductivity Tensor and Induced Current in the Simple Cubic Phase of the C82 Crystal
Elnaz Rostampour, A. Koochi, F. Cyrusnezhad, M. Yaghobi
- 2090** Synthesis and Characterization of SrFe₁₂O₁₉/TiO₂ Magnetic Nanocomposites
Mohamad Reza Dadfar, S. A. Seyyed Ebrahimi, A. R. Farhadizadeh
- 2091** Synthesis and Investigation on Size Dependent Structural and Magnetic Behavior of Nickel Ferrite Nanoparticles
Ahmad Khalili, A. Yazdani, M. Ghazanfari
- 2096** Using Ferrofluid as a Lithography Mask
Mohamad Almasi, M. Goshtasbi Rad, S. Shekarforush
- 2106** Highly Cross-linked Magnetic Polymer Nanoparticles for Trace Determination of Nitrite and Nitrate

Zeynab Behzad Nazif, H. Eskandari

2133 Application of Unmodified Magnetic Iron Oxide Nanoparticles for Preconcentration and Determination of Erythrosine

Zahra Ghoraba, B. Aibaghi Esfahani

2135 The Effect of Cu Substrate on the Microstructure And Magnetic Properties of Co Nanowire Arrays

Maryam Ghaffari, A. Ramazani, M. Almasi Kashi

2148 Synthesis of Oxide Magnetic Metals Nanoparticles by Sol-Gel Method

Neda Shakour, F. Piri, N. Shakour, F. Tavousi

2280 Preparation of Raloxifene HCl Nanoparticles Loaded on Biodegradable Carboxylated Polyurethane as Drug Carrier

Niloufar Babanejad, F. Abedin Dorkoosh, M. M. Alavi Nikjeh

2284 An Analytical Approach to Design of Photonic Filters in One-Dimensional Photonic Crystals

Narges Ansari, M. M Tehranchi

2287 Nanocrystalline ZnO Thin Films: Electrical and Gas Sensing Properties

Hamed Alebrahim Dehkordi, A. Taffakh, A. Moshaii