

Posters Session B

SCI-108. Synthesis, Characterization and Crystal Structure of a Ni(II) Complex with Tetradentate Schiff Base Ligand Derived from 3,5-Dibromosalysilaldehyde

Hadi Kargar, Reza Kia, Mahbubeh Haghshenas

SCI-109. Synthesis and Characterization of New Copper Complex Containing 2-Hydroxyacetophenone 4-hydroxybenzoic acid Hydrazine and Dipyrldylamine

Niloufar Akbarzadeh, Seyyed ziae Mohammadi, Hamideh Saravani, Mohammad Javad Keykha, Amir Eshraghi

SCI-110. Multi-wall Carbon Nanotubes Supported Molybdenum Hexacarbonyl: An Efficient and Highly Reusable Catalyst for Oxidation of sulfides with *tert*-Butylhydroperoxide

Shaghayegh Aghamohammad, Mehdi Araghi, Majid Moghadam

SCI-111. Two New Ni(II) and Mo(VI) Schiff-Base Complexes: Synthesis, X-ray Structure and DFT Calculation

S. Yousef Ebrahimpour, Alireza Akbari, Reza Takjoo

SCI-112. Oxidative Addition of Dibromoalkanes to Dimethylplatinum(II) Complexes

Badri Z. Momeni, Mohammad M. Jafari

SCI-113. Synthesis and Crystal Structure of a New Binuclear Pd(II) Complex Containing Deprotonated 1,2,4-Triazole Species

Mitra Ghassemzadeh, Samira Bahemmat

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Elaaz Jalali Moghadam, Zahra Shariatinia

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F. Khosravi, A. Detrich, M. Abduss, Z. Hórvölgyi

SCI-116. DFT and physico-chemical studies on new Mo(VI) complex.

Mehdi ahmadi, Alireza Akbari, Reza Takjoo

SCI-117. Synthesis of Tungstophosphoric acid/Kaolinite Nanocomposite and the Study Their Photocatalytic Properties

Hossein Salavati, Sima Karami, Maryam Movahedi

SCI-118. New copper(II) and molybdenum(VI) Schiff base complexes: synthesis, characterization and crystal structure

Reza Takjoo, Alireza Hashemzadeh

SCI-119. Synthesis and Characterization of an Unsymmetrical Macrocyclic Ligand Containing Hexa- and Tetradentate Coordination Sites

Hamid Golchoubian, Atie Shirvan

SCI-120. Synthesis and Spectroscopic Studies of a New Complex of Diorganotin (IV) with 2,5-dihydroxy-1,4-dithiane and Ligand Exchange Studies of Pyridine Complex with 2,5-Dihydroxy-1,4-Dithiane

Abbas Tarassoli, Somayeh Azizi Talooky

SCI-121. Thermal stability and kinetic studies of two new oxovanadium (IV) complexes of Schiff bases from 2,2-dimethyl-1,3-diaminopropane with acetylacetone deraivatives

Khosro Mohammadi, Mina Rastegari

SCI-122. Synthesis and characterization of new complexes of Hg^{II} based on the 2,3,5,6-tetrakis(2-pyridyl)pyrazine (tppz) bridging ligand, [Hg₂(μ-tppz)I₄], [Hg(tppz)Br₂]. HgBr₂

Akbar Ghaemi, Fatemeh Mottaghi, Bahareh Jahanpanah, Hamidreza Khavasi

SCI-123. Synthesis and application of monomeric P,C –palladacycles in the Suzuki cross-coupling reaction

Kazem Karami, Shokooh Esfarjani

SCI-124. Mercury(II) Schiff base complex [Hg((2,6-Cl-ba)₂en)Br₂]: Synthesis, characterization and crystal structure

Mohammad Seyyedi, Golamhossein Grivani, Aliakbar Dehno Khalaji

SCI-125. Synthesis novel morphology of Cr₂O₃/ZnO nanocomposite by ionic liquids

Sohail Abdpour, Elahe Kowsari

SCI-126. Synthesis and Characterization Of a New Heterometal Tetranuclear Chlorine–Bridge Complex [Cu₂Cd₂(L⁴)₂Cl₂(μ-Cl)₂]

Akbar Ghaemi, Somayeh Soleymani

SCI-127. Preparation and characterization of a new phosphoric triamide

Zahra Nikfar, Elanz Jalali Moghadam, Zahra Shariatinia

SCI-128. Synthesis and Characterization of Co²⁺ Complexes with Hydroxynaphthohydrazone and Investigation of different anions on their information

Shahriyar Sarabi, Behroz Shaabani

SCI-129. Synthesis and Characterization of Cu(II), Co(II) and Ni(II) Bidentate Schiff Base Complexes by 4-hydroxybenzylidene-2-hydroxyaniline and Anchored on to Activated Carbon as Heterogeneous Catalysts.

Seyed Nezamoddin Mirsattari, Samaneh Shokrani

SCI-130. Synthesis Salen-Type N₂SO ligands Based on Thiol and oxime Functionalities immobilized on MCM-41

G.Zarei, S.Raeuati, M.Rashedi

SCI-131. Synthesis and Characterization of symmetric macrocyclic homo-bimetallic zinc (II) and copper(II) complexes derived from Schiff base ligands and 4-methoxy 2,6-diformyl phenol

Hamid Goudarziafshar, Majid Rezaeivala, Fatemeh Sarifialiabady

SCI-132. Synthesis and Spectroscopic Study of Nb, Ti and Al Alkoxides with Aromatic Oximes.

Mahdi Mirzaee, Mahmood Norouzi, Azadeh Delavari, Mostafa Mohammad-pour Amini

SCI-133. Synthesis and characterization of new complexes of Ag⁺ and [MoS₄]²⁻ with thione ligand; (4-Methyl imidazolidine-2-thione)

Reza hyvadi, Ali salami

SCI-134. Synthesis of Heterobimetallic Complex of a Binucleating Macro-acyclic Ligand Containing 6- and 4-Coordination Sites

Hamid Golchoubian, Golasa Moayyedi

SCI-135. Synthesis and Characterization of Neodilinium (III) New Complex of 1,3-Dimorpholinopropane Ligand

Hamid Goudarziafshar, Fayeze Khosravi, Majid Rezaeivala, Arash Ghorbani-Choghamarani

SCI-136. Synthesis and Characterization of Mn₃O₄ Nanotubes by Solid State Decomposition Thermal Method

Fateme Malekan, Aliakbar Dehno Khalaji

SCI-137. Synthesis of Oxidized Tris(Indolyl)Methanes under Homogeneous Copper catalysis

Alireza Khorshidi, Zahra Shaabanzadeh

SCI-138. Synthesis, Characterization and Electrochemical Study of La(III) Complex With (phendione), (dca) and (bipy) Ligands

M. Hakimi, A.R. Rezvani, H. Saravani, A. Narooie

SCI-139. The synthesis & Determination of the Molecular Structure of the Nickel(II) Bisdipropylphosphate Complex Compound

Kourosh Motevalli, Masoud Rafeezadeh

SCI-140. Synthesis And crystal Structure of Cadmium Complexes of 4'-Chlorophenyl-Terpyridine: From Discrete Dimer to 1D Chain Polymer

Lotfali Saghatforoush, Seyed Abolfazl Hosseini-Yazdi, Parvin Asgari, Hadi Amiri Rudbari

SCI-141. Synthesis and Characterization of Hg(II) Complexes with (dimethyle Phenyl)pyridine-2-yl methylene Amine

Mohammad Reza Tales Babil Olyai, Fahimeh Gholami Troujeni, Mahyar Bonsaii, Mahshid Aslani

SCI-142. Synthesis, spectroscopic, characterization, and anti-bacterial activities of macrocyclic ligand derived 2-hydroxy-3-methoxy benzaldehyde and its complexes

Esmail Soleimani, Sayyedah Somayeh Hosseini, Sayyed Ali Naghi Taheri

SCI-143. Sol-Gel Synthesis of Ni-Co/Al₂O₃-MgO-ZrO₂ Nanocatalyst at Different ZrO₂ Contents Using Zirconyl Nitrate Hydrate Precursor for CH₄/CO₂ Reforming

Seyed Mehdi Sajjadi, Mohammad Haghighi, Farhad Rahmani

SCI-144. Luminescence Properties of Mn²⁺ Doped II-VI Semiconductor Quantum Dots

F. Bozorg Bigdeli, M. Yousefi, A.A. Khosravi, S.M. Taheri Otaqsara, M.S. Abdikhani

SCI-145. Cooperation between weak intermolecular interactions control the crystal packing of Co (II) complexes based on halogen-substituted Phenylpyrazinamide compounds

Hamid Reza Khavasi, Ali Reza Ghanbarpour, Alireza Azhdari Tehrani

SCI-146. Study on Coordination Polymer of mercury(II) with isonicotinoyl hydrazone containing schiff base

Ali Akbar Khandar, Seyed Abolfazl Hosseini-Yazdi, Ghodrat Mahmoudi

SCI-147. Synthesis, crystal structure of a new Cr (III) complex base on 4-hydroxy benzo hydrazone Schiff base and azide ligands

Behrouz Shaabani, Ali Akbar Khandar, Nahid Ramazani

SCI-148. Synthesis and characterization of one dimensional coordination polymer containing Cd (II) and tridentate ligand components

Ali Akbar Khandar, Farhad Akbari Afkhami, Seyed Abolfazl Hosseini Yazdi

SCI-149. Synthesis and Characterization of Novel Oxovanadium (IV) Complexes of N₂O₂-donor Tetradentate Schiff bases

Fatemeh Badali, Ali Hassanzadeh, Nader Noroozi Pesyan

SCI-150. Synthesis and Characterization of Ln-doped Antimony Chalcogenides Nanoparticles (Ln: Lu³⁺, Yb³⁺, Er³⁺ and Ho³⁺)

Abdolali Alemi, Younes Hanifehpour, Sang Woo Joo, Aliakbar Khandar, Ali Morsali, Bong-Ki Min

SCI-151. Synthesis of a Nano Metal–Organic Framework, Zinc Terephthalate, on Silk Fiber by LBL Technique under Microwave Irradiation

Ali Morsali, Somayeh Khanjani

SCI-152. Synthesis and characterization of new polydentate Schiff base ligand with mixed donor set N₂O₃S₂ and their complexes with some heavy metals and first transition metals

Seyed Abolfazl Hosseini-Yazdi, Ali Akbar Khandar, Nasser Babaei Barzil

SCI-153. Microwave-assisted preparation of ZnO nanostructures by using a simple zinc(II) Schiff base complex

Saeid Farhadi, Firouzeh Siadatnasab

SCI-154. Two novel lanthanide MOFs constructed from 3-hydroxy-2-naphtoic acid: synthesis and crystal structure determination

Effat Iravani, Navabeh Nami, Banafsheh Marandi

SCI-155. Synthesis of Mesoporous MCM-41 for Removal of Methyl Pyridine from Aqueous Solutions

Saeedeh Hashemian, Marzeyh Yavarzadeh

SCI-156. Immobilization of Cobaloxime on MCM-41

Goldasteh Zarei, Forouzan Zonouzi

SCI-157. The New Dinuclear Cadmium (II) Complex with Triethylenetetramine (trien) Ligand

Hamid Goudarziafshar, Mohsen Nikoorazm, Yunes Abbasityula

SCI-158. Shape Selective Silver Nanostructures: Synthesis, Characterization and Antibacterial Properties

Ali Akbar Ashkarran, Saba Estakhri, Mohammad Reza Hormozi Nezhad, Sima Eshghi

SCI-159. Synthesis and Characterization of Unsymmetrical Schiff-Base Complexes Containing Two Pyrrol Unites

Ahmad Ali Dehghani Firouzabadi, Shahnaz Kazemi

SCI-160. Synthesis and Kinetic of Thermal Decomposition of Uranyl Schiff-Base Complexes

Fahimeh Dehghani Firouzabadi, Mozaffar Asadi, Zahra Asadi

SCI-161. Synthesis and Characterization of Cu(FeCr)₂O₄, NiCr₂O₄, Ni(FeCr)₂O₄ Nano Spinel Derived from Layered Double Hydroxides

Z. Rezvani, K. Lotfi sooha

SCI-162. The rapid microwave irradiation synthesis and characterization of Schiff-Base and its complexes and study the enzyme inhibitory activities of these complexes

Maryam Tayebani, M. Hossein kowsari

SCI-163. Synthesis and characterization of thioether Schiff base ligand and its metal complexes and crystal structure determination of nikel(II)

Ahmad Ali Dehghani Firouzabadi, Hadi Kargar, Safie Eslaminejad, Behrouz Notash

SCI-164. Lanthanum Nitrate Complexes with Phosphoric Triamide Ligands

Zahra Shariatinia

SCI-165. Synthesis and Characterization of a New Pyridine-based Azo-azomethine Ligand and Its Cu (II) and Mn(II) Complexes

Hamed Adyani, Khatereh Rezaeian, Hamid Khanmohammadi

SCI-166. Synthesis and characterization zinc complex of new schiff base ligand from 4-nitro-1,2-phenylene diamine and salicyl aldehyde derivatives

Ali Mehrabi, Ali Hossein Kianfar

SCI-167. Synthesis and Characterization of cobalt(III) phosphine Schiff base complexes

Ali Hossien Kianfar, Fatemeh Zare Khafri

SCI-168. Synthesis, spectral characterization and investigation of thermal behavior of zinc complexes with a new Schiff base ligand with nitrogen donor sites.

M. Montazerzohori, S. A. Musavi

SCI-169. Synthesis and Characterization of Some New Cd(II)Tridentate Schiff Base Complexes

Ali Hossein Kianfarand, Maryam Alsatat Haeri Borujeni

SCI-170. Synthesis and Characterization of Zeolite/Fe₃O₄ Nanocomposite Material and Investigation Catalytic Reaction of It

Mojgan Zendehdel, Akbar Mobini Khaledi, Safura Molla Mohammad Zamani

SCI-171. Synthesis, Structure and Electrochemistry of Copper(I) Complexes with N₂S₂ Schiff-Base Ligand

Mehdi Amirnasr, Maryam Bagheri, Kurt Schenk

SCI-172. Synthesis and Characterization of Cobalt(III) Schiff-Base Complexes

Ali Hossien Kianfar, Marziah Karamizadeh

SCI-173. Synthesis of A new Cu(II) Complex and Interaction Study of It with Calf Thymus DNA

Fatemeh Khodayi, Masoumeh Tabatabaee, Maryam Bordbar, Zohreh Mehri

SCI-174. Synthesis of AlOOH Nanoparticles in pH=10 Using Hydrothermal Method

Mozaffar Abdollahifar, Hosain Nekouei, Mohammad Reza Zamani, Marziyeh Hosseinzade, Nasrin Keshavarz Khanimani, Mohammad Mehdi Setoode

SCI-175. A new 3D Mn(II) complex containing phosphoramidate ligand: synthesis, X-ray crystal structure and thermal studies

Khodayar Gholivand, Foroogh Molaei, Maryam Rajabi

SCI-176. Synthesis, Characterization and Electrochemistry of Carboxamide Complexes, [Co^{III}(Me₂bqb)(X)₂][N(n-Bu)₄] with Pseudohalide Axial Ligands

Fahimeh Zamani, Soraia Meghdadi, Mehdi Amirnasr

SCI-177. Synthesis and characterization of Cu(II) and Ni(II) complexes containing of tridentate nitrogenated ligand derived from diacetylmonoxime

Hamid Golchoubian, Ghodsieh Soleimani, Ommeleila Nazari

SCI-178. Syntheses and characterization of some new heptaaza Cd(II), Zn(II) and Mn(II) macrocyclic Schiff base Complexes containing two pyridyl unit as pendant arms

H. Keypour, M. H. Zebarjadian, M. Rezaeivala

SCI-179. Crystal to Crystal Conversion of a new Iron (III) Dipicolinate Complex by re-crystallization in Methanol

Maryam Dadkhodae, Masoumeh Tabatabaee

SCI-180. Synthesis and characterization of three new macrocyclic Schiff base complexes derived from condensation of new asymmetrical amine containing piperazine moiety and pyridine-2-carbaldehyde and their antibacterial study

Majid Rezaeivala, Hassan Keypour

SCI-181. Synthesis, Spectral Studies and Cyclic Voltammetry of Nickel(II) Complexes with RNCSPz^x Ligands and Crystal Structure of [Ni(EtNCSPz)₂]

Moayad Hossaini Sadr, Farzaneh Ashayeri

SCI-182. In Situ Synthesis of Nano Silver on Wool without Using Reducing Agents

Mohsen Hosseinkhani, Majid Montazer, Safdar Eskandarnejad

SCI-183. Synthesis and solvatochromism studies of five new mixed-chelate copper(II) complexes

Hamid Golchoubian, Ehsan Rezaee

SCI-184. Preparation of Co₃O₄ Nanopowder via Rapid Decomposition of the [Co(NH₃)₅CO₃](NO₃) Complex under Microwave Irradiation

Saeid Farhadi, Kosar Jahanara

SCI-185. Synthesis of Hexaaquazinc (II) 1,5-Naphthalenedisulphonate

Alireza Abbasi, Faezeh Tabesh

SCI-186. Role of intermolecular interactions involving chlorine in crystal structures of Mercury(II) complexes based on dichloro-substituted phenylpyrazinamide ligands

Hamid Reza Khavasi, Fataneh Norouzi, Alireza Azhdari Tehrani

SCI-187. Highlighting the role of halogen bonding in crystal structures pattern of Mercury (II) complexes based on N-(6-halo-2-yl)pyrazine-2-carboxamide ligands

Hamid Reza Khavasi, Maryam Esmaeili, Alireza Azhdari Tehrani

SCI-188. Synthesis and characterization of zinc(II) complexes of a new N₄O₃ aza-crown macrocycle

Seyed Abolfazl Hosseini-Yazdi, Ali Akbar Khandar, Asad Masoumi

SCI-189. Synthesis, Characterization and Crystal structure of a new Complex of zinc (II) with acid-base proton transfer ligand of benzene-1,2,4,5-tetracarboxylic acid & diethylenetriamine

Mohammad Vatani, Maryam Mohebbi, Majid Esmhosseini

SCI-190. Synthesis and characterization of Co(III) complexes containing tetradentate Schiff-base ligand bis-(2-acetylpyridine)-1,3-diiminopropane (N₄) with NCS⁻ and neutral axial ligands

Sayyed Javad Moafi, Masoumeh Barzegar

SCI-191. A Novel Method for Synthesis of Tris(dialkylamino) boranes

A.W. Mesbah, M. Soleimani, R. Nouri, E. Khodaei

SCI-192. Synthesis, Separation and Spectroscopic Study of New Asymmetric Triazene (Nitro Phenyl) and Their Complexes with Some Heavy Metals

Mohammad Reza Melardi, Mohammad Kazem Rofouei, Fatemeh Elyasi

SCI-193. Synthetic, Spectroscopic, Theoretical Studies of 3-Pyridylmethanol Coordination with Cobalt (II) and Zinc (II)

Somayeh Ghasemi, Javad Mo'tameni Tabatabaei, Maryam Daghighi Asl

SCI-194. synthesis and spectral characterization of Zn(II), Cd(II) and Hg(II) complexes with new bidentate 2,13-dimethylbenzo[a]quinoxalino[2,3-c]phenazine as chelating Schiff base ligand

Hojjatollah Rahchamani, Alireza Dadrass, Hassan Nasrikooreh, Mehrnoosh Ahmadi

SCI-195. Synthesis of ZnO Nanosheets in Alkyl Methyl Imidazolium Bromide

Seyede Elahebashtani, Ashraf Sadat Shahvelayati, Maryam Sabbaghan

SCI-196. Iron(III) Complexes of Pyridine-based Aminophenol Ligands as Structural Model Complexes for the Catechol-bound Intermediate of Catechol Dioxygenases

Sima Heidari, Elham Safaei

SCI-197. New Organotin(IV)-Phosphoramidate Complex: *cis*-Dichlorido-*Trans*- Dimethyl-*Cis*-Bis(*N,N',N''*-Tricyclopentylphosphoric Triamide)Tin(IV)

Atekeh Tarahhomi, Mehrdad Pourayoubi

SCI-198. Synthesis of Calcium Dobesilate for Drug Use

Shahriar Ghammamy, Aiyoub Parchebaf Jadid, Mohammad Khodadadi Moghaddam, Fatemeh Shamsazar

SCI-199. A Total Research Upon Characterization, and Antimicrobial Properties of Two Poor Metals of Group (16) or (VIA): Antimony(III) & Bismuth(III) Derivatives of Biologically Potent Nitrogen and Sulfur Donor Ligands

Kourosh Motevalli, Masoud Rafeezadeh, Zahra Yaghoobi

SCI-200. A Total Survey Upon Characterization of Neodymium(III) Complex with The presence of New Amino Acid-Based Azo Dye

Kourosh Motevalli, Masoud Rafeezadeh, Zahra Yaghoobi, Roozbeh Yaghoobi

SCI-201. Synthesis, Spectroscopic and Magnetic Characterization of Alkoxo-Bridged Dinuclear Copper(II) Complexes with 2-Amino-4-Methylpyridine as The Ligand

S. Elahe Sheikholeslami, Saeid Amani

SCI-202. Synthesis, Characterization and Theoretical Study of a New Schiff Base Ligand and its Zinc and Mercury Complexes

Morteza Montazerzohori, Mohsen Goshtasb

SCI-203. Models for Enzyme-substrate Adduct of Non-heme Iron-containing Enzymes, Synthesis and Characterization

Touraj Karimpour, Elham Safaei

SCI-204. Synthesis, characterization and study of catalytic properties of a series of N₃ and N₄ types Schiff base complexes) metal ions IINi nd(a) II), Cu(II)Z with

Fahimeh Afshari, Behzad Ahmadi

SCI-205. Preparation and characterization of new Metal Boride nano particles for efficient Hydrogen generation

Mohammad Hassan Loghmani, Abdollah Fallah Shojaie

SCI-206. Synthesis of tin oxide via decomposition of a tin complex

F. Manteghi, T. Shalchi, S. Javanshir, M. Safari

SCI-207. Synthesis, spectral characterization and structural investigation of mononuclear salen-type Cu(II) and Zn(II) complexes of a new potentially octadentate N₂O₆ Schiff base ligand derived from binaphthol

Hassan Keypour, Maryam Shayesteh, Reza Golbedaghi

SCI-208. Homo- and Hetero-nuclear Metal Alkoxides: Low Temperature Processing Precursors of Nano-oxides

Gholamhossein Mohammadnezhad, Mostafa M. Amini

SCI-209. Synthesis, characterization and IR investigation of new Co(II) complex containing acid-base ligand

Samane Salkhorde, Majid Esmhosseini, Mehrnoosh Ahmadi

SCI-210. Synthesis and study of Fe²⁺, Ni²⁺, Co²⁺ with semicabazone Schiff Base Ligand Derived from Formaldehyde and Acetaldehyde and Azide

Behrooz Shaabani, Somayeh Ghaznavi

SCI-211. Synthesis of Ruthenium(II) Complex (N₃ Dye) as Sensitizers for Dye Sensitized Solar Cells

Mahdi Malekshahi Byranvand, Ali Nemat Kharat, Leila Fatollahi

SCI-212. Synthesis, Characterization and Single Crystal Structure of a Homo-metallic Tetra-nuclear Niobium(V) Ethoxide

Mahsa Armaghan, Mostafa M. Amini, Mahdi Mirzaee, Hamid Reza Khavasi

SCI-213. Synthesis and Characterization of a novel cationic-anionic complex [Zn(opd)₂(phen)][Fe(dipic)₂]₂ (opd=1,2-phenylenediamine, phen=1,10-phenanthroline, dipic= dipicolinic acid)

Ali Reza Rezvani, Narges Keikha, Hamideh Saravani

SCI-214. Synthesis and characterization of some transition metal ions complexes with new mixed-donor Schiff base ligands derived from 2-hydroxynaphthaldehyde

Kamelia Nejati, Alireza Banaei, Zolfaghar Rezvani, Hadi Mofid Karimkandi

NAC-410. Manganese(III) Porphyrin Supported on Multi-wall Carbon Nanotubes: for Biomimetic Alkane Hydroxylation with Sodium Periodate.

Forough Bokaei, Mehdi Araghi, Majid Moghadam

NAC-411. Sol-Gel Synthesis and Characterization of Fe₃O₄ Nanoparticles for Catalytic Application

Y. Zamani, J. Mohammad Nezhad, M. Dadashlou

NAC-412. Multi-wall Carbon Nanotubes Supported Molybdenum Hexacarbonyl: An Efficient and Highly Reusable Catalyst for Oxidation of Alkanes with tert-Butylhydroperoxide

Faten Eshtrati Yeganeh, Mehdi Araghi, Azam Ghorbani

NAC-413. Mesoporous Ag/SBA-15 Composite for Oxidation of Benzyl Alcohol

Sohaila Alavi, Hassan Hosseini-Monfared

NAC-414. Preparation and Enhanced Methane Storage Capacity of MWCNT@MIL-101 Hybrid Composite

Sara Sheykhi, Mansoor Anbia, Vahid Hoseini

NAC-415. Electrochemical behavior of forteo and its determination based on grapheme nanosheets-modified glassy carbon electrode

Hossein Heli, Seyede Nasrin Zare

NAC-416. Applying Sol-Gel and Impregnation Methods for Synthesis and Characterization of Ni/Al₂O₃-ZrO₂ Nanocatalyst Used in CO₂/CH₄ Reforming

Mahdi Sharifi, Mohammad Haghighi, Farhad Rahmani, Samira Karimipour

NAC-417. Iron Oxide Nanoparticles Prepared by Electrodeposition from Nitrate Medium via Electrogenation of Base

Taher Yousefi, Ahmad Nozad Golikand, Mohammad Hossein Mashhadizadeh

NAC-418. Synthesis of Chitosan-g-PAA via Controlled/Living Free Radical Polymerization and Preparation of Clay/Cts-g-PAA/AgNanocomposites

Mojtaba Abbasian, Farideh Mahmoodzadeh

NAC-419. Photocatalytic Degradation of MO and RB in WasteWater by ZnO and ZnO:Ga Nano Films

Ladan Khoshgozaran, Abdollah Fallah Shojaie, Seyed Mohamad Rozati

NAC-420. Synthesis salen-type N2O2 ligands based on oxime functionalities and immobilization on MCM-41

Goldateh Zarei, F. Adhamei, F. Salehi

NAC-421. Fast and Facile Preparation of Graphene Oxide and Reduced Graphene Oxide Nanoplatelets

Shabnam Sheshmani, Marzieh Arab Fashapoyeh, Mohammad Yousefi, Sara Rahimnejad, Faezeh Khalilian

NAC-422. Study of the Biocidal Effects of Nanotube Single Wall, Nanotube Multi Wall and Nano MCM-41 by Biosensor

Maryam Behbahani nia, Hossein Attar, Amir Heydary nasab, Alimorad Rashidi

NAC-423. Decolorization Kinetics of an Organic Pollutant Photocatalytic Process at Buffer pHs Using Nano-Structure Titanium Dioxide

Sajjad Mojahedi Jahromi, Morteza Montazerzohori

NAC-424. Application of ZnS/nanoMCM-41 Nanocomposite for Photocatalytic Degradation of Methylene Blue

Afshin Pourahmad, Somayyeh Gholaminezhad, Manochehr Farjami nezhad, Rasoul Abdollahnia

NAC-425. An Investigation on Synthesis and Magnetic Properties of Nanoparticles of Cobalt Ferrite coated with SiO₂ for Biomedical Application

Merabdollah Seyed Sadjadi, Somayyeh Rostamzadeh Mansour, Kariem Zare, Kheyrollah Mehrani

NAC-426. Synthesis and Purification of Activated Nano Charcoal in Medical Application

Shahnaz Mahdavi, Shahriar Ghamamy

NAC-427. Synthesis and characterization of (Bi₂O₃)_{1-x} (M₂O₃)_x [M=Co,Dy,Ho,Er], nano solid solution via sol-gel method

Abdolali Alemi, Zolfaghar Rezvani, Seyyede Marziyeh Hosseini

NAC-428. Novel Applications of Nanoparticles: Formation and Potential Use in Controlling Agricultural Insect Pests

Mohammad Rohani, Mohammad Amin Samih, Majid Esmailzadeh, Hamzeh Izadi

NAC-429. Application of carbon nanotube assisted inorganic Sol-Gel in solid phase micro extraction fibers to adsorption of nitro aromatics in environment samples

Mazyar Ahmadi Golsefidi, Zarrin Es'haghi

NAC-430. MgO/CuO Nanocomposites as Highly Effective Water Treatment Agent

Sajjad Mohebbi, Ali Faraji, Amir-Reza Judy Azar

NAC-431. Synthesis, characterization and catalytic properties of monodispersed nano sphere silica sulfuric acid

Mohammad Ali Zolfigol, Ardeshtir Khazaei, Mohammad Mokhlesi, Fatemeh Derakhshan-Panah, Rahele rostamian

NAC-432. Abatement of Toluene from Waste Gas Streams over Pt/CeO₂-Clinoptilolite Nanocatalyst Synthesized via Acid Treatment and Precipitation Methods

Majid Amereh, Mohammad Haghighi, Farhad Rahmani

NAC-433. Preparation Functionalized Carbon nanotubes supported Dioxobis(acetylacetonate)Molybdenum Complexes and its catalytic application for the oxidation of methyl phenyl sulfide

Fatemeh Salimi Moghadam, Bahram Bahramian, Mahdi Mirzaee

NAC-434. Effect of Voltage on Properties of Ni-Co/Al₂O₃-ZrO₂ Nanocatalyst Synthesized via Nonthermal Plasma and Used for Dry Reforming of CH₄

Nader Rahemi, Mohammad Haghighi, Ali Akbar Babaluo, Mehdi Fallah, Pooya Estifae

NAC-435. Synthesis and Characterization of Snowflake-like HgS Nanostructure

Hossein Dehghani, Sara Bakhshayesh

NAC-436. Synthesis and Characterization of Metal Nanoparticle Embedded Organic-Inorganic Composites

Marjan Rahimi, Fatemeh Farash Bamoharram, Majid Momahed Heravi

NAC-437. Ni²⁺ and Co²⁺ Doping Effect on characteristics of Zinc Sulphide Nanoparticle by Synthesized Wet Chemical Route

M.S. Abdikhani, A.A. Khosravi, S.M. Taheri Otaqsara, M. Yousefi, F. Bozorg Bigdeli

NAC-438. Synthesis and Characterization of Novel 2,4-bis(3,5-dimethylpyrazol)-1,3,5-triazine Modified MCM-41 Nanoporous Silica and Its Application in Removing Chromate from Aqueous Media

Sara Karimi Behzad, Mostafa M. Amini

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Razieh Fazaeli, Hamid Aliyan, Mohammad Ali Ahmadi, Saeedeh Hashemian

NAC-440. Synthesis ZnO nanoparticles from a new Zinc(II) coordination polymer precursor

Ali Morsali, Fahime Bigdeli, Fatemeh Molaei

NAC-441. Adsorption Study of 1-chloro-4-nitrobenzen onto Single-walled Carbon Nanotubes

S. Nazari, P. Gharbani

NAC-442. Immobilization of the Metalloporphyrins on Magnetic Silica Surface to Prepare Magnetic Nano Catalysts for Oxidation Reactions

Mojtaba Bagherzadeh, Anahita Mortazavi Manesh

NAC-443. Synthesis and Physicochemical Characterization of Ni-Co/Al₂O₃-MgO (Al/Mg=1.5) Nanocatalyst for CO₂ Reforming of Methane

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Forough Ghasemi, M. Reza Hormozi Nezhad, Morteza Mahmoudi

NAC-447. Solid-State Reversible Anion Exchange and Irreversible Anion Replacement in 1D Zinc(II) Coordination Polymers: Precursors for the Preparation of Zinc(II) Nanostructures

Mojtaba Khanpour, Ali Morsali

NAC-448. Application of Ag⁺-Doped TiO₂/UV Process for Nitrate Photocatalytic Removal in Aqueous Solutions

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NAC-449. Influence of the Reaction Parameters on the Size of SiO₂ Nanoparticles

Fatemeh Zabihi, Azadeh Tadjarodi, Shahrara Afshar

NAC-450. The Use of Different Solvents in the Preparation and Application of Cobalt Oxide Catalytic Nanoparticles Doped with Lithium

Farshad Khazai, Davar M. Boghaie, Mehdi Shorabi

NAC-451. Effect of Silica Substrate on the Catalytic Properties of Lithium Cobalt Oxide Nanoparticles

Kian Esmailian, Farshad Khazai, Fateme Sakhal, Mehdi Babai, Arash Tavakoli

NAC-452. Visual colorimetric detection of carbaryl pesticide in tomato sample with silver nanoparticles in the presence of ammonium methyl chloride cationic surfactant

Shahab Parang, Mahboubeh Saeidi

NAC-453. Enhanced photocatalytic performance of nanosized Ag/ZnO for nitrophenol degradation

A.A. Khandar, M. Khatamian, B. Divband

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Soheila Abozari, Ali Morsali

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Felora Heshmatpour, Sajjad Rakhshani

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M. Khorasani Motlagh, M. Noroozifar, A. Meshginkhoud

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Mohammad Mahdi Najafpour, Sara Nayeri

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Fahmideh Shabani, Ali Khodayari

NAC-459. Hydrothermal Synthesis and Characterization of Boehmite Nanorods in Acidic Condition

Mozaffar Abdollahifar, Mohammad Reza Zamani, Hosain Nekouei, Najme Zarei, Mohammad Amin Forouzan Jahromi, Alireza Chavoshi

NAC-460. Synthesis of Montmorillonite/Copper Oxide Nanocomposites and Study of Their Antibacterial Activities

S. Sedaghat, K. Shameli, Sh. Shahbazi, M. Soleimani

NAC-461. Synthesis and Characterization of Polymer-Carbon Nanoporous Composite and its Application in Adsorption of Phenolic Compounds

S.A. Mousavi, H. Faghihian

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Moohammad Kooti, Mozghan Afshari, Rooholah Shiralipour, Ghazal Afshar

NAC-463. The New Approach for Hexythiazox Detection Employing Gold Nanoparticle-Catalyzed Luminal Chemiluminescence

Mohammad Javad Chaichi, Tahereh Khadjvand

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A.R. Khataee, M. Hosseini, Y. Hanifehpour, M. Safarpour

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M. Safarpour, A.R. Khataee, M. Hosseini, Y. Hanifehpour

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Shabnam Sheshmani, Mohammad Ali Heshmatkhan, Marzieh Arab Fashapoyeh, Sara Rahimnejad

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Abdolreza Rezaeifard, Maasoumeh Jafarpour, Amir Mottahedin, Mahboube Ghahramaninezhad

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R. Malakooti, R. Hosseinabadi, S. Hadizadeh

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Abdolreza Rezaeifard, Maasoumeh Jafarpour, Gholamreza Kardan Moghaddam, Parisa Farshid

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Abdolreza Rezaeifard, Maasoumeh Jafarpour, Vahideh Soltani

NAC-471. Synthesis and Characterization of Geopolymer Catalyst Containing Ni Nano-Particle Prepared Based on Metakaolin and its Application for Reduction of Nitro Compounds

Rozbeh Javad Kalbasi, Amir Abbas Nourbakhsh, Marziyeh Ghaffari

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Kamran Akhbari, Ali Morsali

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Saeideh Beheshti, Issa Yavari

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Maasoumeh Khatamian, Monireh Fazayeli, Zeinab Ebrahimian

NAC-475. Surface modification of ZnO nanoparticles: Dispersion in organic media

Sarah Sadat Naghibinasab, Alifarzi Rezatayebee

NAC-476. Iron nanoparticles synthesized by different nano methods and acidic leaching using of Iron extracted from Chadormalulron Ore's mine concentrate

F. Hamzehloie, Z. Mohammad Salehi, F. Sakhaei, N. Talaie, M.E. Olya

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Kazem Mahanpoor, Reza Moradi, Abbas Mahdiani

NAC-478. Synthesis and Characterization of Nano Zinc (II) Oxide by Coordination Polymers as Precursor

Mohammad Jaafar Soltanian Fard ,Saeid Parsam, Azita Firozzadeh, Sara Tabaroki

NAC-479. Design & characterization of modified titanium dioxide nanoparticles with new method for using in drug delivery system

A. Tarlani, F. Darkhosh

NAC-480. Gas Separation Performance of Polysulfone - Alumina Nanocomposite Polymeric Membrane

Samaneh Baghersad, Morteza Sadeghi

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Mohammad Jaafar Soltanian Fard, Sara Tabaroki

NAC-482. Effects of Synthesis Temperature on Particle Size and Photoluminescence Characteristics of ZnS:Mn Nanoparticles

Alireza Goudarzi, Chang Sik-Ha

NAC-483. Ru/CNTs Nanoparticle-Preparation in Microemulsion Method and Applications in Hydrogenation of Nitrobenzene to Aniline

Majid Hashemi, Mohammad Mehdi Khodaei, Mohammad Teymouri, Alimorad Rashidi

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Elham Mofarrah, Samaneh Samadani-Isfahani

NAC-485. Nanocomposite Materials: Fe_3O_4 Supported on Mesoporous LSM (Leaf-Shaped Mesoporous)

Razieh Fazaeli, Samaneh Amirmoezi Jahromi

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Dawood Elhamifar, Mohammad Hossain Banakar, Javad Rastegar

NAC-487. The Effect of Sodium Nanoparticles Assisted Ionic Liquid Microextraction for Determination of Zinc in Water and Food Samples by Stopped-Flow Injection Spectrofluorimetry

Kourosh Motevalli, Zahra Yaghoubi

NAC-488. Preparation and Antibacterial Activity of SnO_2 nano particles

Seydeh Matin Amininezhad, Mehdi Amouheidari

NAC-489. Enhanced Pervaporative Removal of Thiophene Using Modified Membranes with Nano fillers

Hamid Reza Mortaheb, Shahedeh Ebrahimi

NAC-490. Catalytic Synthesis of Quinoxalines and Pyrido Pyrazines Using Nanostructured Oxides as Reusable and Heterogeneous Catalysts

Maasoumeh Jafarpour, Abdolreza Rezaeifard, Mahboube Ghahramaninezhad, Elham Rezapour ,Tooba Tabibi

NAC-491. Preparation of ZnO Nanorods enhanced fluorescence for anticancer drug-carrier

Mir abdollah Seyed Sajadi, Nasibeh Molahasani, Karim Zare

NAC-492. Synthesis and photocatalytic study of Bi_2S_3 -CdS- Polyvidone nanocomposite for degradation of methylene blue

Hossein Faghihian, Majid Ahmadi Mobarekeh

NAC-493. Synthesis, characterization and magnetic properties of cobalt ferrite nanoparticles

Morteza Enhessari, Maryam Shaterian, Tahereh Mobini, Mohammad Barasm-Mamaghani

NAC-494. Nano-sized manganese (III) oxide: An efficient catalyst for water oxidation and epoxidation of olefins

Mohammad Mahdi Najafpour, Fahimeh Rahimi, Mojtaba Amini, Sara Nayeri, Mojtaba Bagherzadeh

NAC-495. ($Fe_3O_4/SiO_2/COOH-M$) Magnetic Nanocatalyst With Multifunctional Hyperbranched polyglycerol Amplifiers and its Application in the C-C Coupling reactions

Mina Amini, Marzieh Hajjari, Valiollah Mirkhani Abbas Dadkhah Tehrani, Majid Moghadam, Shahram Tangestaninejad, Iraj Mohammadpoor-Baltork

NAC-496. Highly Efficient Oxidation of Amines with $NaIO_4$ Catalyzed by Carbon Nanotubes Supported Manganese(III) Porphyrin

Majid Moghadam, Mojtaba Zamani

NAC-497. Magnesium Ferrite Nanoparticles: A Green Magnetically Reusable Heterogeneous Catalyst

Mehdi Sheykhan, Hossein Mohammadnejad, Jafar Akbari, Akbar Heydari

NAC-498. Molybdenum Hexacarbonyl Supported on Amine Modified Multi-wall Carbon Nanotubes: An Efficient and Highly Reusable Catalyst for Oxidation of Alcohols with *tert*-Butylhydroperoxide

Faten Eshtrati Yeganeh, Mehdi Araghi, Azam Ghorbani

CAP-625. Fe₃O₄ Nanoparticle-Supported Molybdenum (VI) Catalyst: Magnetically Recoverable Catalyst for Oxidation Sulfur Based Compounds

Mojtaba Bagherzadeh, Mohammad Mehdi Haghdooost

CAP-626. Efficient One-pot Synthesis of Spiro[diindenopyridine-indoline]triones Catalyzed by Ruthenium Chloride Hydrate as a Homogeneous Catalyst

Khalil Tabatabaeian, Manouchehr Mamaghani, Ali Dadashi

CAP-627. Electrocatalytic property of cobalt(II)-salen complex toward carbon dioxide reduction

Ahmad Rouhollahi, Fazel Ghahramanifard

CAP-628. Synthesis and Physicochemical Characterization of Different Ni Loadings over Mixed Oxides of CeO₂ ZrO₂ Nanocatalysts Used for Wet-Air Oxidation of Phenol

Mohsen Parvas, Mohammad Haghighi, Somaieh Allahyari

CAP-629. High selective oxidation of alcohol over Ag-ZnO nano particles under photo irradiation

Nikoo Modirpanah, Abdollah Fallah Shojaie, Mohammad Ali Zanjanchi, Hadi Fallah

CAP-630. Commercial zinc oxide: A facile, efficient and eco-friendly catalyst for the synthesis of 2-aminothiophenes derivatives via Gewald reaction

Farzad Javadi, Reza Tayebee, S. Javad Ahmadi

CAP-631. Alkene Epoxidation Catalyzed by Molybdenum Complexes Supported on Nano-Hydroxy Apatite Surface

F. Ghanbari Resketi, B. Bahramian, M. Mirzaee

CAP-632. Effect of Dechlorination Method on Catalytic Properties of Pt-Sn-In-Li/Al₂O₃ Catalyst for Dehydrogenation of Normal Paraffin.

Farnaz Tahriri Zangeneh, Saeed Sahebdehfar, Shokoufeh Mehrazma.

CAP-633. Goethite Nanoparticles as Catalysts for Oxidation of Cyclooctene and Cyclohexene

Hassan Hosseini-Monfared, Fatemeh Parchegani, Soheila Alavi

CAP-634. Synthesis, Characterization and Investigation of Catalytic Behavior of Ni(Salpr) and Cu(Salpr) Complexes on Modified MCM-41 as Catalyst for Epoxidation of Alkenes

Lida Hamidipour, M. Aghabozorg, Faezeh Farzaneh

CAP-635. Effect of MgO Content on Properties and Catalytic Performance of Ni-Co over Mixed Nano-oxides of Al-Mg-Zr Used in Dry Reforming of CH₄

Seyed Mehdi Sajjadi, Mohammad Haghighi, Farhad Rahmani

CAP-636. Manganese(III) Complex as Efficient Magnetically Recyclable Catalysts for Selective Oxidation of Thiols

Mojtaba Bagherzadeh, Mohammad Mehdi Haghdooost, Firouz Matloubi Moghaddam, Behzad Koushki Foroushani, Setareh Saryazdi

CAP-637. Polymerization Capability of Cr(VI) Species Supported on Silica and Silica/alumina on Ethylene and Investigation of Some Physical Properties of Obtained Products

Mohammad Amin Ghaffari Mehr, Peyman Najafi Moghaddam, Amir Reza Fareghi, Sirous Nouri

CAP-638. RuCl₃.x H₂O: an efficient Lewis acid catalyst for the one-pot multicomponent synthesis of Dihydropyrimidinones (DHPM's)

Khalil Tabatabaeian, Abdollah Fallah Shojaie, Farhad Shirini, Seyyede Zoha Hejazi

CAP-639. Supported Nickel Catalyst for Carbon Dioxide Reforming of Methane

Mohammad Jafarbegloo, Marzieh Hamidzadeh, Ali Jafari

CAP-640. Highly efficient Heck Cross-Coupling Reactions catalyzed by heterogeneous palladium porphyrin

Faranak Sadegh, Omid Bagheri, Majid Moghadam, Shahram Tangestaninejad, Valiollah Mirkhani, Ahmad R. Khosropour, Iraj Mohammadpoor-Baltork

CAP-641. Biomimetic oxidation of primary aromatic amines to azo derivatives with sodium periodate catalyzed by reusable silica supported Mn(TPP)Cl catalyst

Fatemeh Bayat, Mehdi Araghi, Valiollah Mirkhani, Majid Moghadam

CAP-642. oxidation of primary substituted aromatic amines in the presence of PW₁₁-Cu catalyses

A. Nezhadali, M. Akbarpour

CAP-643. Dual-doped TiO₂ Nanoparticles as an Efficient Visible-Light-Active Photocatalyst and Antibacterial under Solar Simulated Light

Ali Akbar Ashkarran, Simin Tooba

CAP-644. Mn(III)-porphyrin Immobilized on functionalized MCM-41, MCM-48 and SBA-15 mesoporous silicas: Heterogeneous catalysts for oxidation of alkenes

Saeed Rayati, Farzaneh Rohani, Omid Sadeghi, Mostafa M. Amini

CAP-645. Top-Down or Bottom-Up: A Novel Approach for Synthesis of Visible-Light-Active TiO₂ Photocatalyst

Ali Akbar Ashkarran, Majid Fakhari

CAP-646. Highly Efficient Chemical Fixation of Carbon Dioxide Catalyzed by a Bifunctional Porphyrin System

Fatemeh Ahmadi, Shahram Tangestaninejad, Majid Moghadam, Valiollah Mirkhani, Iraj Mohammadpoor Baltork, Ahmed Reza Khosropour

CAP-647. H₅CoW₁₂O₄₀ Supported On Nanosilica Catalyzed Mannich Reaction: Three-Component Synthesis of β -Amino Carbonyl Compounds

Ezzat Rafiee, Masoud Kahrizi, Mohammad Joshaghani

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M. Hosseini, A. R. Khataee, M. Safarpour, Y. Hanifehpour

CAP-649. Suzuki–Miyaura Coupling Reaction using *Ortho*-Palladated Complex of Tryptamine

Fatemeh Abrishami, Abdol R. Hajipour

CAP-650. Cobalt-Manganese Mixed Oxide Containing SBA-15 (Co-Mn/SBA-15): Synthesis, Characterization and Catalytic Activity

Vahid Mahdavi, S. Ali Monajemi

CAP-651. Dimeric *Ortho*-Palladated Complex Catalyzed Cyanation of Aryl Halides using K₄[Fe(CN)₆] as Cyanide Source

F. Abrishami, Abdol R. Hajipour, H. Rashidi Moghadam

CAP-652. Two New Dicopper (II) Complexes as Efficient Catalysts of Luminol Chemiluminescence

Tahereh Khadjvand, Reza Akhoondi, Ehsan Rezaee, Mohammad Javad Chaichi, H. Golchoubian

CAP-653. Tetrahydrosalen Dioxo-Mo (VI) Complex Catalyzed Epoxidation of Olefins with H₂O₂

Abdolreza Rezaeifard, Maasoumeh Jafarpour, Amir Mottahedin, Reza Haddad

CAP-654. Novel Organosilicon Dangling Mo (VI) Complex as Efficient Biomimetic Oxidation Catalyst

Abdolreza Rezaeifard, Maasoumeh Jafarpour, Toktam Vafa, Atena Naeimi

CAP-655. Synthesis, Characterization and Catalytic Properties of Ag-SiO₂ Nanocomposite for Degradation of Azo Dye

Shahla Masoudian, Mohammad Hossein Rasoulifard, Hooriye Yahyaei

CAP-656. Epoxidation of Olefins Using Inorganic Polymer of Molybdenum Oxide as Catalyst

Masoomah Sharbatdaran, Faezeh Farzaneh, Majid Mojtahedzadeh

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Seyedali Hosseini, Aligholi Niaei, Dariush Salari

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Mojtaba Bagherzadeh, Fatemeh Ashouri

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Mojtaba Bagherzadeh, Aliakbar Mohammadlou

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Marzieh Hajjari, Mina Amini, Valiollah Mirkhani, Abbas Dadkhah, Shahram Tangestaninejad, Majid Moghadam, Ahmad R. Khosropour

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M. Moghadam, Maede Zare Mehrgardi

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Narges Mahdizadehghohe, Alireza Ariaferd, Robert Stranger, Brian Yates

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Samaneh Hokmi, Farahnaz Maleki, Sadegh Salehzadeh

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Mohammad Hossein Ghorbani, Reza Fazaali, Arash Ghoorchian

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Kamal Bakhshi, Maryam Gharedaghi, Ali Khani

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Saeed Jameh Bozorgi, Masoomeh Shirzad

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Seyed Hasan Kazemi, Hossein Eshtiagh-Hosseini and Masoud Mirzaei

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Seyed Nezamoddin Mirsattari, Mina Abdollahi

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Sadegh Salehzadeh, Mahshid Saberinasab, Yazdan Maghsoud

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Vahideh Yarahmadi, Hadi Kargar, Sadegh Salehzadeh

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Mehdi Bayat, Yazdan Maghsoud, Yasin Gholiee, Faezeh Haeri, Razieh Mohamad Nazari, Mohsen Hashemi, Sadegh Salehzadeh

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Abedien Zabardasti, Nasrin Amini

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Mehdi Bayat, Yasin Gholiee, Fatemeh Zamanian, Mehdi Rezaei Sameti, Sadegh Salehzadeh

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Fereshteh Yaghoobi, Sadegh Salehzadeh

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Amir Nasser Shamkhali, Abolfazl Bezaatpour, Abbas Yousefi Veleni

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Amir Nasser Shamkhali, Marjan Abedi, Mahnaz Mardian

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M. Mohadeszadeh, N. Athary, H.A.Zamani, H. Balali, M. S. Azizi

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Zahra Azizi, Narges Karimi Setudeh Niasar, Mahnaz Ghambarian

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Maryam Ostadebrahim, Esmat Asadollah, Alireza Ariaferd, Brian F. Yates

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Neda Amirabdollahian, Shirin Torabi, Alireza Ariaferd

TCI-745. Design and Chemical Topology Properties of New 3d Transition Metal-Organic Frameworks Based on ab Initio Calculations

Maryam Kamal, Muhammad Shadman

TCI-746. HOMO-LUMO Gap Investigation of Small Flue Gases Storage of Metal–Organic Frameworks Based on Theoretical Calculations

Maryam Taghizadeh, Muhammad Shadman

TCI-747. Substituent effects on X_nC_{20-n} fullerenes: A theoretical prediction of structure, stability and aromaticity

M. Z. Kassaei, M. Koohi

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Mahboube Eslami Moghadam

TCI-749. A new insight on characteristics of bridged B-H-B protons: theoretical studies on interaction of B₂H₄ with some hydrogen bond acceptor molecules

Reza Taybee, Abedin Zabardasti, Leila Sarmadi Babaei

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H. Golchobian, S. Koohzad, D. Farmanzade, E. Rezaee

TCI-751. Theoretical study of structure and properties of C₂₄, C₂₃Si and their endohedral complexes with alkaline and earth alkaline metals

Reza Ghiasi, Aliyeh Boshak, Tahereh Jahan Ara

OMC-797. A New Organotin(IV) Complex Bearing Phosphoric Triamide Ligand

Razieh Shajareh Tuba, Zahra Shariatnia

OMC-798. Substitution and/or C-H Activation Reactions in Some Organoplatinum Complexes with Phosphorus-donor Ligands

Ahmadreza Esmaeilbeig, Mahboubeh Jamshidi Semiromi, Hamidreza Samouei

OMC-799. Metal Acetylide Complexes for Multistate Optical Switching

Mahbod Morshedi, Mehdi Amirnasr, Mark G. Humphrey

OMC-800. Insertion of One and Two Molecules of Alkyne into the Pd-C Bond of Cyclopalladated Complex of 2-Biphenylamine

K. Karami, N. Jamshidiyan

OMC-801. Cleavage of M-C bond by acid in some binuclear organoplatinum complexes

Mehdi Rashidi, Mozghan Samandar Sangari, Banafshe Askari

OMC-802. Insertion of Two Molecules of Diphenylacetylene in to the Pd-C Bond of Cyclopalladated Complex Containing Secondary Benzylamine. Crystal Structure of [Pd{C(Ph)=C(Ph)C(Ph)=C(Ph)C₆H₄CH₂NH(Et)Cl]

Kazem Karami, Mahboubeh Husseinikharat, Janusz Lipkowski

OMC-803. Synthesis of Organosiliconborane Derivatives

A. W. Mesbah, M. Faraji, A. Ahmadian

OMC-804. Synthesis and Characterization of Some Binuclear Cyclometalated Organoplatinum Complexes Containing Bis(diphenylphosphino)acetylene (PPh₂C≡CPPH₂)

Hajar Sepehrpour, S. Masoud Nabavizadeh, Mehdi Rashidi, Reza Kia

OMC-805. Microwave Assisted Synthesis of Functionalized Aryl-alkenes Catalyzed by CN-dimeric Oxime *Ortho*-palladated Complex

Abdol Reza Hajipour, Fatemeh Rafiee

OMC-806. Synthesis and Characterization of benzoxanthenes Substituted Metallophthalocyanines

Meysam Soury Nia, Ali Reza Karimi

OMC-807. A Rapid and Green Reduction of Aromatic Nitro Compounds to Amines with NaBH₄/Cu Nanoparticle System in Water

Behzad Zeynizadeh, Mehdi Zabihzadeh, Saviz Zarrin

OMC-808. Effect of Preparation Conditions of Pd(OAc)₂ on its Structure and Activity

Ali Ataei, Ezzat Rafiee, Sirius Jamali, Mohammad Joshaghani

OMC-809. Synthesis and characterization of new Schiff base-phosphine mercury (II) halide complexes, A multinuclear NMR study

Hassan Nasri Kooreh, Alireza Dadrass, Hojjatollah Rahchamani

OMC-810. Synthesis and Characterization of Two New Complexes; Me₂Sn(C₄H₉N₂)₂ and Bu₂Sn(C₄H₉N₂)₂

Abbas Tarassoli, Najme Jarrah

OMC-811. Synthesis and characterization of mercury(II) complexes of a bidentate phosphorus ylide

Seyyed Javad Sabounchei, Mahbubeh Pourshahbaz

OMC-812. Synthesis of novel 4,4,4-tris(dimethylalkoxysilyl)butyl ferrocene derivatives via alcoholysis reaction

Kazem D. Safa, Hassan Abbasi, Reza Teimuri-Mofrad, Farzaneh Allahverdi-Charandabi

OMC-813. Synthesis of 5-(dimethylsilyl)pentylethylferrocene grafted HTPB as a Novel Polymeric Gas Producing Accelerator Catalyst

Reza Teimurimofrad, Kazem Dindar Safa, Saiedeh Abedinpour, Sadegh Soleimani

OMC-814. Synthesis of Ethanediybis(2-methyl-4-phenylindenyl)zirconium dichloride as a Useable Complex in Production of Isotactic Olefin Polymerization Catalyst

Reza Teimuri-mofrad, Hamed Farzi, Ramin Farazmand, Vahid lotfi

BIC-847. Synthesis, Labeling Optimization and Biological Evaluation of ¹¹¹Indium 5,10,15,20-Tetrakis (3,5-di hydroxyphenyl) Porphyrin Complex as An Imaging Agent

Shaghayegh Sadeghi, Mohammad Mirzaii, Mokhtar Alinia, Nasim Piltan, Shahzad Feizi, Ali Rahiminezhad, Yousef Fazaeli

BIC-848. D-Glucosamine as a green ligand for palladium- catalyzed Heck reaction

Seyedeh Fatemeh Hosseini, Elahe Mollazadeh, Mojtaba Amini

BIC-849. An investigation of cobalt toxicity with therapeutic effect on blood parameters and evaluation of Deferasirox as an oral chelator in cobalt removing from biological system

Fatemeh Khajoei nejad, S. Jamiladin Fatemi, Vahid Sheibani, Tayyeb Zandvakili

BIC-850. Removal of Sn by Deferasirox in Rats as Biological Models.

Marzieh Iranmanesh, Asghar Amiri.

BIC-851. Synthesis, characterization and antibacterial / antifungal properties of some new thiocyanate complexes of IIB transition metal ions

M. Montazerzohori, S. Zahedi, A. Naghiha, M. A. Mahmodi

BIC-852. Clinical evaluation of Deferiprone as an oral chelator in treatment of Lead toxicity

Faezeh Dahoei Balooch, S. Jamiladine Fatemi, Marzieh Iranmanesh

BIC-853. Synthesis, Characterization and HSA denaturation of Palladium (II) Complex of glycine derivative

Mahboube Eslami Moghadam, Khalil Yosefi, Shabnam Ghenaat

BIC-854. A new bidentate ligand and its zinc coordination compounds: synthesis and investigation of antibacterial activities

M. Montazerzohori, M. Hoseinpour, A. Naghiha

BIC-855. The Piroxicam Complex of Copper(II), *Trans*-[Cu(Pir)₂(THF)₂], and Its Interaction with DNA

Hassan Hadadzadeh, Zahra Jannesari, Mona Salimi

BIC-856. Synthesis, characterization and antibacterial activity of two new Lead (II) complexes

Lotfali Saghatforoush, Somayyeh Babaei, Ammar Maryamabadi, Ahmad Nasimian

BIC-857. An Investigation of Cobalt Toxicity with Therapeutic Effect on Blood Parameters and Evaluation of Desferrioxamine as an Injection Chelator in Cobalt Removing from Biological System

Tayyeb Zandvakili, S. Jamiladin Fatemi, Vahid Sheibani, Fatemeh Khajoei nejad

BIC-858. Chelation of Mercury by Combining Deferasirox and Deferiprone in rats

Fatemeh Delavar Mendi, Amir Shokooh Saljooghi

BIC-859. Highly Efficient and Aerial Alcohol Oxidation by a Chloro Bridged Cu(II)-Cu(II) Complex of an Aminophenol Ligand

S. Esmail Balaghi, Elham Safaei

BIC-860. Biosorption of Cu(II) by modified biomass of marine green algae

Mahmoud Niad, Ladan Rasoolzadeh, Saeid Zarei, Fereshte Zarei

GRC-882. Simultaneous spectrophotometric determination of Reactive dyes after preconcentration using cloud point extraction technique.

Hayedeh Bagheri Sadeghi, Ali Reza Zarei, Fattemeh Ali Babaei.

GRC-883. Production of natural surfactants

Tayebe Bagheri Lotfabad, Reza Roostaazad, Maryam Partovi

GRC-884. Simultaneous Synthesis-Immobilization of nano ZnO on Perlite for Photocatalytic Degradation of an Azo Dye in Semi Batch Packed Bed Photoreactor

Ali Khani, Mahmoud Reza Sohrabi, Morteza Khosravi, Mehran Davallo

GRC-885. Modeling of Nitrate Removal by Nanosized Iron oxide Immobilized on Perlite Using Artificial Neural Network

Abbas Nemat, Ali Khani

GRC-886. Recovery of Iron Oxide from Iron Waste and Converting it to Nanoparticles by Catanionic Solution of Surfactant

Faranak Manteghi, Mahdi Ghahari, Nafiseh Maminejad

GRC-887. Intensification of sonophotocatalytic degradation of methylene Blue in aqueous solution

Mohammad Ali Zanjanchi, Esfandiyar Alizadeh, Ali Valipour.

GRC-888. Ionic Liquid Based Palladium Dithizonate Nanoparticle Synthesis by Ultrasound-Dispersion in Water Media

N. Shokoufi, H. Salehnia

IPC-901. The application of TiO₂/SiO₂ as photocatalyst on concrete blocks under UV and visible light irradiations

S. Afshar, H. Jafari, S. Shahbazi

IPC-902. Synthesis and Characterization of V-TiO₂ Included in Zeolite X for Photodegradation of Methyl Orange

Rahmatollah Rahimi, Solmaz Zargari, Masumeh Mahjoub Moghaddas

IPC-903. Synthesis, crystal structure and photochromic properties of a novel Schiff base

Omid Taheri, Mahdi Behzad, Hadi Amiri Rudbari, Giuseppe Bruno

IPC-904. Synthesis and characterization of a new two-dimensional zinc coordination polymers as precursor for fabrication of organic light-emitting diode (OLED)

Ezzatollah Najafi, Mostafa M. Amini, Ezeddin Mohajerani, Mohammad Janghour

IPC-905. Preparation of In₂O₃ and In₂O₃:Sn thinfilms and their Photocatalytic Activity on Degradation of some Azo Dyes

Fatemeh Ghayoumi, Abdollah Fallah Shojaie, Seyed Mohammad Rozati

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Khadijeh Jahani, Saeed Dehghanpour, Ali Mahmoudi, Camelia Gholamrezazadeh

INP-916. A Two Dimensional Luminescent Co(II) Metal Organic Framework Based on Terephthalic Acid

Alireza Abbasi, Sara Tarighi

INP-917. Asymmetrical Coordination Sphere in a Novel Halido Bridged Lead(II) Coordination Polymer

Babak Mirtamizdoust, Behrouz Shaabani

INP-918. Reaction between aldehyde, benzimidazole and dialkyl acetylene dicarboxylates in the presence of P₂O₅/SiO₂ as catalysts

Alireza Alborzi, Elham Doshman Ziari, Mehdi Shad, Shiva Ebrahimi

IEC-927. Modification of electrode surface toward H₂O₂ assay using formation of silver nanoparticles-enzyme complex

Ali Shokuhi Rad, Mohsen Jahanshahi, Mehdi Ardjmand, Ali-Akbar Safekordi

IEC-928. Iron(III) Schiff-Base Complexes: Synthesis, Characterization and Electrochemistry studies

Somayeh Sadighian, Hassan Hosseini Monfared, Mohammad-Ali Kamyabi

IEC-929. The Electrochemical Studies of Sol-Gel Prepared Nanostructured Nickel Titanate

Shokufeh Moghiminia, Hossein Farsi, Heidar Raissi

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Sommayeh Afrazian, Masoumeh Tabatabaee

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Ali Akbar Ashkarran, Alireza Salek

SSC-939. A Study upon Effect of Titanium Substitution on Magnetic Properties and Fine Structure of Nanocrystalline Monophase Nd-Ru-B Magnets

Kourosh Motevalli, Masoud Rafeezadeh, Zahra Yaghoubi, Fereshteh Amini

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Mohammad Sadegh Asgari, Rahmatollah Rahimi, Afsaneh Zonoozi, Mahboubeh Rabbani

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Abdolali Alemi, Mohammadreza Hamedpour

SMC-949. Remote steric effect on formation of secondary bonding in Mercury (II) coordination compounds crystal structures

Hamid Reza Khavasi, Alireza Azhdari Tehrani

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Faeze Mojtabazade, Hassan Hosseini-Monfared, Rahman Bikas

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Ali Morsali, Lida Hashemi

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Maryam Darvishpour, Mohammad Hossein Fekri

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M. Hamidzadeh, A. Alamshahi, R. Khalili, S. Shifteh