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Education

- ✓ B.Sc, Chemistry, Ferdowsi University of Mashhad - 1984
- ✓ MS, Inorganic Chemistry, University of Mazandaran - 1987
- ✓ PhD, Inorganic Chemistry, Carleton University CA - 1995

Courses

1. New topics in inorganic chemistry
2. electron transfer

Journals Papers

2021

1. Viscoelastic and dry-sliding wear properties of basalt fiber-reinforced composites based on a surface-modified graphene oxide/epoxy matrix

, Hamed Khosravi, Alireza Rezvani, Esmail Tohidlou, JA Poulis

Journal of Industrial Textiles Volume: (50) 939 - 953

2. A comparative study on dry-sliding wear behavior of graphene oxide/epoxy nanocomposites functionalized by amino- and epoxy-silane coupling agents

, Alireza Rezvani, Hamed Khosravi, Esmail Tohidlou

POLYMER COMPOSITES Volume: (42) 5930 - 5935

3. Synthesis, characterization, and application of CuO nanoparticle 2D doped with Zn²⁺ against photodegradation of organic dyes (MB & MO) under sunlight

Masoud Memar, Alireza Rezvani,

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS Volume: (32) 2127 - 2145

2020

4. A copper(II) zig-zag metal-organic coordination polymer: synthesis, crystal structure, topology study, hirshfeld surface analysis and survey different conditions on morphology of a novel nano structure [Cu(L)(SCN)(H₂O)₂]_n.2H₂O

Bagher Sourì, Payam Hayati, Alireza Rezvani, Rafael Mendoza-Merozo, Jan Janczak

Inorganic and Nano-Metal Chemistry Volume: (50) 80 - 93

5. A new Cd(II)-based coordination polymer: Conversion of morphologies from sheet-like to needle by sonochemical reaction

Bagher Sourì, Alireza Rezvani, Soheyla Abasi, Payam Hayati, Jan Janczak

INORGANICA CHIMICA ACTA Volume: (509) 119692-1 - 119692-7

6. Application of a Novel Surfactant-Modified Natural Nano-Zeolite for Removal of Heavy Metals from Drinking Water

, Alireza Rezvani, Abdolreza Samimi, Masoud Shayesteh

advanced journal of chemistry-section a Volume: (3) 612 - 620

7. New Pd/Co-Ni electrocatalysts for formic acid electrooxidation and their fabrication from inorganic precursor [Co 0.14 Ni 1.86 (dipic) 2 (phen) 2 (H₂O) 2]

, Alireza Rezvani, Zahra Yavari, Michal Dusek, Monika Kucerakova

DALTON TRANSACTIONS Volume: (49) 15864 - 15873

8. Insight into 6-aminopenicillanic acid structure and study of the quantum mechanical calculations of the acid-base site on gamma-Fe₂O₃@SiO₂ core-shell nanocomposites and as efficient catalysts in multicomponent reactions

, Somayeh Ostovar, Roya Behazin, Alireza Rezvani, Ali Ebrahimi, Hamid Reza Shaterian

NEW JOURNAL OF CHEMISTRY Volume: (47) 20688 - 20696

9. Core-shell iron oxide@cathecol-polymer@palladium/copper nanocomposites as efficient and sustainable catalysts in cross-coupling reactions

Somayeh Ostovar, Alireza Rezvani, Rafael Luque, Carolina Carrillo-Carrion

Molecular Catalysis Volume: (493) 111042-1 - 111042-7

10. Effects of Solvent and Reaction Time in Sonochemical Synthesis of Cadmium(II) Compounds and Use them as Template for Synthesis of Cadmium(II) Oxide Nano Structures

Bagher Sour, Alireza Rezvani, Soheyla Abasi, Payam Hayati, Jan Janczak

ZEITSCHRIFT FUR ANORGANISCHE UND ALLGEMEINE CHEMIE Volume: (646) 1365 - 1372

2019

11. Binding interaction of a heteroleptic silver(I) complex with DNA: A joint experimental and computational study

Elaheh Movahedi, Alireza Rezvani, Hafez Razmazma

INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES Volume: (126) 1244 - 1254

12. Mechanical Properties of Multiscale Graphene Oxide/Basalt Fiber/Epoxy Composites

, Hamed Khosravi, Alireza Rezvani, Esmail Tohidlou

FIBERS AND POLYMERS Volume: (20) 138 - 146

13. Design and fabrication of novel thiourea coordination compounds as potent inhibitors of bacterial growth

Sajjad Rakhshani, Alireza Rezvani, Michal Dusek, Vaclav Eigner

JOURNAL OF ANTIBIOTICS Volume: (72) 260 - 270

14. Electronic and fluorescent studies on the interaction of DNA and BSA with a new ternary praseodymium complex containing 2,9-dimethyl 1,10-phenanthroline and antibacterial activities testing

Zohreh Moradi, Mozghan Khorasani-Motlagh, Alireza Rezvani, Meissam Noroozifar

JOURNAL OF BIOMOLECULAR STRUCTURE and DYNAMICS Volume: (37) 2283 - 2295

15. Design of Mixed Metal Oxides with Increased Catalytic Activity for Fischer-Tropsch Synthesis

, Alireza Rezvani, Somaye Rigi, Michal Dusek, Vaclav Eigner, Marketa Jarosova

CATALYSIS LETTERS Volume: (149) 3257 - 3267

16. Correlation of metal-organic framework structures and catalytic performance in Fischer-Tropsch synthesis process

, Ali Akbar Mirzaei, Alireza Rezvani

Reaction Kinetics Mechanisms and Catalysis Volume: (128) 205 - 215

17. Fabrication of thin-film nanocomposite nanofiltration membranes incorporated with aromatic amine-functionalized multiwalled carbon nanotubes. Rejection performance of inorganic pollutants from groundwater with improved acid and chlorine resistance

Sina Gholami, Julio Lopez, Alireza Rezvani, Vahid Vatanpour, Jose Luis Cortina

CHEMICAL ENGINEERING JOURNAL Volume: (-) 1 - 6

18. Design novel inorganic precursors for producing clean fuels by using Fischer-Tropsch synthesis

, Alireza Rezvani, , Michal Dusek, Vaclav Eigner

Journal of Saudi Chemical Society Volume: (-) 1 - 10

19. An investigation on the morphology of a new coordination polymer via change effective factors based on eco-friendly sonochemical synthesis; new precursor for the preparation of cadmium(II) oxide

Bagher Sour, Alireza Rezvani, Soheyla Abasi, Payam Hayati, Roberto Centore

INORGANICA CHIMICA ACTA Volume: (498) 119134-1 - 119134-8

20. Controlled synthesis and self-assembly of ZnFe₂O₄ nanoparticles into microspheres by solvothermal method

, Alireza Rezvani, Ahmad Reza Abbasian

Materials Research Express Volume: (6) 1250e5 -

21. Achieving Different Morphologies for a Zinc(II) Coordination Polymer by Green Sonochemical Synthesis and New Precursors for the Preparation of Zinc(II)oxide

Bagher Sour, Alireza Rezvani, Payam Hayati, Roberto Centore

ChemistrySelect Volume: (4) 13434 - 13439

2018

22. Novel inorganic precursors [Co 4.32 Zn1.6 8(HCO₂) 18 (C 2H₈ N)₆]/SiO₂ and Co 4.32 Zn 1.68 (HCO₂) 18 (C 2H₈ N)₆]/Al 20 3 for Fischere Tropsch synthesis

, Alireza Rezvani, Azim Malekzadeh, Michal Dusek, Vaclav Eigner

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY Volume: (43) 685 - 694

23. Multispectroscopic DNA-Binding studies and antimicrobial evaluation of new mixed-ligand Silver(I) complex and nanocomplex: A comparative study

Elaheh Movahedi, Alireza Rezvani

JOURNAL OF MOLECULAR STRUCTURE Volume: (1160) 117 - 128

24. Synthesis characterization antibacterial activity and VSM investigation of Fe₃O₄NiCr₂O₄ nano oxide obtained from a new oxalato-bridged complex

Parisa Iranmanesh, Hamideh Saravani, Alireza Rezvani

CHEMICAL PAPERS Volume: (72) 487 - 495

25. Design and synthesis of novel thiourea metal complexes with controllable antibacterial properties

Sajjad Rakhshani, Alireza Rezvani, Michal Dusek, Vaclav Eigner

APPLIED ORGANOMETALLIC CHEMISTRY Volume: (32) 1 - 13

26. Sonochemical synthesis of a novel nanoscale 1D lead(II) Pb₂(L)₂(I)₄n coordination Polymer survey of temperature reaction time parameters

Payam Hayati, Salvio Suarez-Garcia, Angel Gutiérrez, Daniel Ruiz Molina, Ali Morsali, Alireza Rezvan

ULTRASONICS SONOCHEMISTRY Volume: (42) 320 - 326

27. Sonochemical synthesis of two novel Pb(II) 2D metal coordination polymer complexes New precursor for facile fabrication of lead(II) oxide/bromide micro-nanostructures

Payam Hayati, Salvio Suarez-Garcia, Angel Gutierrez, Ertan Sahin, Daniel Ruiz Molina, Ali Morsali, A

ULTRASONICS SONOCHEMISTRY Volume: (42) 310 - 319

28. Adsorption of semisoft pollutants onto Bi₂S₃/Ag₂S-AC under the influence of ultrasonic waves as external filed

Kheibar Dashtian, , Alireza Rezvani, Mehrorang Ghaedi, Mohammad Mehdi Sabzehmeidani

JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY Volume: (60) 390 - 400

29. Three-dimensional Pd-Cd nanonetwork decorated on reduced graphene oxide by a galvanic method as a novel electrocatalyst for ethanol oxidation in alkaline media

Nafiseh Alfi, , Alireza Rezvani, Meissam Noroozifar, Mozghan Khorasani-Motlagh

JOURNAL OF POWER SOURCES Volume: (396) 742 - 748

30. The effects of modifying reaction conditions in green sonochemical synthesis of a copper(II) coordination polymer as well as in achieving to different morphologies of copper(II) oxide micro crystals via solid-state process

Bagher Sourì, Payam Hayati, Alireza Rezvani, Jan Janczak

INORGANICA CHIMICA ACTA Volume: (483) 516 - 526

31. The effects of altering reaction conditions in synthesis of a novel lead(II) 2D coordination polymer as well as in achieving the same morphologies of lead(II)oxide micro-nano structures via solid-state process

Bagher Sourì, Payam Hayati, Alireza Rezvani, Jan Janczak

POLYHEDRON Volume: (154) 443 - 456

32. Glycine and metformin as new counter ions for mono and dinuclear vanadium(V)-dipicolinic acid complexes based on the insulin-enhancing anions Synthesis spectroscopic characterization and crystal structure

, Alireza Rezvani, , Claudia Graiff

JOURNAL OF MOLECULAR STRUCTURE Volume: (1154) 319 - 326

33. Synthesis characterization antibacterial activity and VSM investigation of Fe₃O₄NiCr₂O₄ nano oxide obtained from a new oxalato-bridged complex

Parisa Iranmanesh, Hamideh Saravani, Alireza Rezvani

CHEMICAL PAPERS Volume: (72) 487 - 495

34. Effect of Synthetic Route and Metal Oxide Promoter on Cobalt-Based Catalysts for Fischer-Tropsch Synthesis

, Alireza Rezvani, Azim Malekzadeh, Michal Dusek, Vaclav Eigner

CATALYSIS LETTERS Volume: (148) 3557 - 3569

35. On the mechanical behavior of basalt fiber/epoxy composites filled with silanized graphene oxide nanoplatelets¹

, Alireza Rezvani, Hamed Khosravi, Esmaeil Tohidlou

POLYMER COMPOSITES Volume: (39) 2472 - 2482

36. Molecular structure of inorganic supramolecular compounds and its application as a precursor in producing hydrocarbons

Zohreh Razmara, Alireza Rezvani, Hamideh Saravani

JOURNAL OF MOLECULAR STRUCTURE Volume: (1171) 503 - 510

37. Evaluation of DNA, BSA binding, and antimicrobial activity of new synthesized neodymium complex containing 29-dimethyl 110-phenanthroline

Zohreh Moradi, m khorasani, Alireza Rezvani, Meissam Noroozifar

JOURNAL OF BIOMOLECULAR STRUCTURE and DYNAMICS Volume: (36) 779 - 794

38. Improving the chlorine resistance property of polyamide TFC RO membrane by polyethylene glycol diacrylate (PEGDA) coating

Sina Gholami, Alireza Rezvani, Vahid Vatanpour, Jose Luis Cortina

DESALINATION Volume: (443) 245 - 255

2017

39. A novel coordination polymer of Ni(II) based on 1,3,5-benzenetricarboxylic acid synthesis, characterization, crystal structure, thermal study, and luminescent properties

, Alireza Rezvani

JOURNAL OF MOLECULAR STRUCTURE Volume: (1127) 583 - 589

40. Influences of temperature, power ultrasound and reaction time on the morphological properties of two new mercury(II) coordination supramolecular compounds

Payam Hayati, Alireza Rezvani, , ,

ULTRASONICS SONOCHEMISTRY Volume: (34) 967 - 977

41. Ultrasound irradiation effect on morphology and size of two new potassium coordination supramolecule compounds

Payam Hayati, Alireza Rezvani, ,

ULTRASONICS SONOCHEMISTRY Volume: (34) 195 - 205

42. FischerTropsch reaction over a Co₂-Ni-Mn/SiO₂ nanocatalyst prepared by thermal decomposition of a new precursor

, Alireza Rezvani, Hamideh Saravani

CHEMICAL PAPERS Volume: (71) 849 - 856

43. Study of structural and catalytic properties of Ni catalysts prepared from inorganic complex precursor for Fischer-Tropsch synthesis

, Alireza Rezvani, Azim Malekzadeh

JOURNAL OF MOLECULAR STRUCTURE Volume: (1144) 166 - 172

44. Synthesis of europium oxide-promoted Pd catalyst by an improved impregnation method as a high performance catalyst for the ethanol oxidation reaction

Nafiseh Alfi, Alireza Rezvani, , Meissam Noroozifar

NEW JOURNAL OF CHEMISTRY Volume: (41) 10652 - 10658

45. Determination of norepinephrine at a graphite screen printed electrode modified with Ag(I) nanocomplex

Elaheh Movahedi, Alireza Rezvani

Analytical and Bioanalytical Electrochemistry Volume: (9) 956 - 968

46. Sonochemical synthesis and characterization of a novel hetero-binuclear metal organic nano polymer based on picolinic acid ligand

Payam Hayati, Bagher Souri, Alireza Rezvani, Ali Morsali, Angel Gutierrez

JOURNAL OF MOLECULAR STRUCTURE Volume: (1150) 404 - 410

47. Biodegradation of Heavy Crude Oil Using Persian Gulf Autochthonous Bacterium

Ali Parach, Alireza Rezvani, Mahnaz Mazaheri Assadi, Behrouz Akbari-Adergani

International Journal of Environmental Research Volume: (11) 667 - 675

48. Ultrasonic treatment of wastewater contaminated with various dyes using tin oxide hydroxide nanoparticles loaded on activated carbon Synthesis performance mechanism and statistical optimization

, Alireza Rezvani, Mehrorang Ghaedi, Arash Asfaram, Alireza Goudarzi

APPLIED ORGANOMETALLIC CHEMISTRY Volume: (31) 1 - 15

49. Synthesis characterization crystal structure and electrochemical studies of ionic iron(III) dipicolinato complex

, Alireza Rezvani, Mohd Mustaqim Rosli, Ibrahim Abdul Razak

JOURNAL OF MOLECULAR STRUCTURE Volume: (1144) 186 - 190

50. Nanocomposites Synthesis characterization and its application to removal azo dyes using ultrasonic assisted method Modeling and optimization

, Mehrorang Ghaedi, Alireza Rezvani, Mohammad Hossein Ahmadi Azghandi, Ali Akbar Bazrafshan

ULTRASONICS SONOCHEMISTRY Volume: (38) 530 - 543

51. A facile route for the preparation of new Pd/La₂O₃ catalyst with the lowest palladium loading by a new reduction system as a high performance catalyst towards ethanol oxidation

Nafiseh Alfi, Alireza Rezvani, Mozghan Khorasani-Motlagh, Meissam Noroozifar

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY Volume: (42) 18991 - 19000

52. New silver(I) complex with diazafluorene based ligand Synthesis characterization investigation of invitro DNA binding and antimicrobial studies

Elaheh Movahedi, Alireza Rezvani

JOURNAL OF MOLECULAR STRUCTURE Volume: (1139) 407 - 417

53. Sonochemical synthesis characterization and effects of temperature power ultrasound and reaction time on the morphological properties of two new nanostructured mercury(II) coordination supramolecule compounds

Payam Hayati, Alireza Rezvani, Ali Morsali, Daniel Ruiz Molina, , Salvio Suarez-Garcia, Miguel Angel

ULTRASONICS SONOCHEMISTRY Volume: (37) 382 - 393

54. Synthesis characterization crystal structure DNA/BSA binding ability and antibacterial activity of asymmetric europium complex based on 110- phenanthroline

Nafiseh Alfi, Mozghan Khorasani-Motlagh, Alireza Rezvani, Meissam Noroozifar, Kresimir Molcanov

JOURNAL OF MOLECULAR STRUCTURE Volume: (1137) 771 - 783

55. FischerTropsch reaction over a Co₂-Ni-Mn/SiO₂ nanocatalyst prepared by thermal decomposition of a new precursor

Zohreh Razmara, Alireza Rezvani, Hamideh Saravani

CHEMICAL PAPERS Volume: (71) 849 - 856

56. Survey of temperature reaction time and ultrasound irradiation power on sonochemical synthesis of two new nanostructured lead(II) coordination supramolecule compounds

Payam Hayati, Alireza Rezvani, Ali Morsali, Pascal Retailleau, Roberto Centore

ULTRASONICS SONOCHEMISTRY Volume: (35) 81 - 91

57. A novel salt of antidiabetic drug metformin resulting from a proton transfer reaction
Synthesis characterization crystal structure and solution studies

, Alireza Rezvani, Ardeshir Shokrollahi, Masoud Refahi, Santiago Garcia-Granda, Rafael Mendoza-Mer

JOURNAL OF MOLECULAR STRUCTURE Volume: (1131) 30 - 35

58. Synthesis of high-surface-area spinel-type MgAl_2O_4 nanoparticles by $[\text{Al}(\text{sal})_2(\text{H}_2\text{O})_2]_2[\text{Mg}(\text{dipic})_2]$ and $[\text{Mg}(\text{H}_2\text{O})_6][\text{Al}(\text{ox})_2(\text{H}_2\text{O})_2]_2 \cdot 5\text{H}_2\text{O}$: influence of inorganic precursor type

, ALIREZA SALEHIRAD, Alireza Rezvani

BULLETIN OF MATERIALS SCIENCE Volume: (40) 45 - 53

2016

59. Preparation and characterization of a new cobalt hydrazone complex and its catalytic activity in the hydrogenation of carbon monoxide (Fischer-Tropsch synthesis)

janani halimeh, Alireza Rezvani, , Ali Akbar Mirzaei

Reaction Kinetics Mechanisms and Catalysis Volume: (117) 189 - 203

60. Mn(II) and Zn(II) ions catalytic oxidation of o-phenylenediamine and characterization, X-ray crystal structure and solution study of the final products $\text{DAPH} \cdot \text{Cl}_3\text{H}_2\text{O}$ and $[\text{DAPH}][\text{Zn}(\text{dipicH})(\text{dipic})]_4\text{H}_2\text{O}$

, Alireza Rezvani, , , ,

POLYHEDRON Volume: (110) 55 - 62

61. Crystal Structure, Thermal Behavior and Magnetic Properties of a Novel Polymer $[\text{Ni}(\text{dipic})_2\text{Mn}(\text{O})_2]_n$ Synthesized by Reflux and Sonochemistry

, Alireza Rezvani, Hamideh Saravani

Journal of Inorganic and Organometallic Polymers and Materials Volume: (26) 943 - 949

62. Piperazine as counter ion for insulin-enhancing anions $[\text{VO}_2(\text{dipicOH})]$: Synthesis, characterization and X-ray crystal structure

, Alireza Rezvani,

JOURNAL OF MOLECULAR STRUCTURE Volume: (1103) 20 - 24

63. %Synthesize and crystal structure of a novel complex $\text{Co}(\text{dipic})_2\text{Mn}(\text{OH})_2 \cdot (5.2\text{H}_2\text{O})$ prepared by different methods

, Alireza Rezvani, Hamideh Saravani

Bulgarian Chemical Communications Volume: (48) 31 - 36

64. Mn(II) and Zn(II) ions catalytic oxidation of o-phenylenediamine and characterization X-ray crystal structure and solution study of the final products $\text{DAPH Cl } 3\text{H}_2\text{O}$ and $\text{DAPHZn(dipicH)(dipic)4H}_2\text{O}$

, , Alireza Rezvani, Ardeshir Shokrollahi, Masoud Refahi, Santiago Garcia-Granda, Rafael Mendoza-Mer

POLYHEDRON Volume: (110) 55 - 62

2015

65. Synthesis characterization crystal structure and solution studies of a novel proton transfer (charge transfer) complex of 2,2'-dipyridylamine with 2,6-pyridine dicarboxylic acid

Alireza Rezvani

JOURNAL OF MOLECULAR STRUCTURE Volume: (1089) 184 - 190

66. Study of a Mn-Cr/TiO₂ mixed oxide nanocatalyst prepared via an inorganic precursor complex for high-temperature water gas shift reaction

Alireza Rezvani

COMPTES RENDUS CHIMIE Volume: (18) 178 - 186

67. Ion-pair complex precursor approach to fabricate high surface area nanopowders of MgAl₂O₄ spinel

Alireza Rezvani

MATERIALS CHEMISTRY AND PHYSICS Volume: (151) 312 - 317

68. An experimental and theoretical study of a hydrogen-bonded complex: O-phenylenediamine with 2,6-pyridinedicarboxylic acid

, Alireza Rezvani, SayyedMostafa Habibi Khorassani, Mehdi Shahraki, , , ,

JOURNAL OF MOLECULAR STRUCTURE Volume: () 597 - 604

69. Study of a Mn-Cr/TiO₂ mixed oxide nanocatalyst prepared via an inorganic precursor complex for high-temperature water-gas shift reaction

, Alireza Rezvani

COMPTES RENDUS CHIMIE Volume: () 178 - 186

70. Copper(II) ion catalytic oxidation of o-phenylenediamine and characterization, X-ray crystal structure and solution studies of the final product $[\text{DAPH}][\text{H}_3\text{O}][\text{Cu(dipic)}_2]\cdot 3\text{H}_2\text{O}$

, Alireza Rezvani, , , , ,

JOURNAL OF MOLECULAR STRUCTURE Volume: (1096) 102 - 109

71. Inorganic complex precursor route for preparation of high-temperature Fischer-Tropsch synthesis Ni-Co nanocatalysts

, Alireza Rezvani

RESEARCH ON CHEMICAL INTERMEDIATES Volume: (41) 8975 - 9001

72. Synthesis, characterization, crystal structure and solution studies of a novel proton transfer (charge transfer) complex of 2,2-dipyridylamine with 2,6-pyridine dicarboxylic acid

, Alireza Rezvani, , , , ,

JOURNAL OF MOLECULAR STRUCTURE Volume: () 184 - 190

73. Fischer-Tropsch Synthesis of Hydrocarbons over New Co/Ce Bimetallic Catalysts Derived from Dipicolinate and Carbonyl Metal Complexes

janani halimeh, Alireza Rezvani, , Ali Akbar Mirzaei

Journal of Inorganic and Organometallic Polymers and Materials Volume: (25) 1169 - 1182

74. Synthesis and characterization of new nanostructure complex $[\text{Co}(\text{dipic})_2\text{Ni}(\text{OH}_2)_6]$, as a precursor for the synthesis of NiCo_2O_4 nanoparticles

, Alireza Rezvani, Hamideh Saravani

Journal of Chemical and Pharmaceutical Research Volume: (12) 170 - 177

75. Synthesis characterization and crystal structure of new four-coordinated cobalt(II) complexes containing phenanthroline derivatives

Niloufar Akbarzadeh- Torbati, Alireza Rezvani, Hamideh Saravani, , ,

RESEARCH ON CHEMICAL INTERMEDIATES Volume: (41) -

76. Potential antidiabetic drugs of metformin with insulin-enhancing anions $[\text{VO}_2(\text{dipic})]$ and $[\text{VO}_2(\text{dipic-OH})]$: Synthesis, characterization and X-ray crystal structure

, , Alireza Rezvani, ,

POLYHEDRON Volume: (102) 239 - 245

77. Potential antidiabetic drugs of metformin with insulin-enhancing anions $\text{VO}_2(\text{dipic})$ and $\text{VO}_2(\text{dipic-OH})$ Synthesis characterization and X-ray crystal structure

Khaled Ghasemi, Fatemeh Ghasemi, Alireza Rezvani, Claudia Graiff, Behrouz Notash

POLYHEDRON Volume: (102) 239 - 245

78. Synthesis characterization crystal structure and solution studies of a novel proton transfer (charge transfer) complex of 2,2-dipyridylamine with 2,6-pyridine dicarboxylic acid

Khaled Ghasemi, Alireza Rezvani, Ardeshir Shokrollahi, Fereshteh Zarghampour, Abolghasem Moghimi, Sa

JOURNAL OF MOLECULAR STRUCTURE Volume: (1089) 184 - 190

79. The Antibacterial Activity of SnO_2 Nanoparticles against *Escherichia coli* and *Staphylococcus aureus*

Seyedeh Matin Amininezhad, Alireza Rezvani, Mehdi Amouheidari, Sayed Mohamad Amininejad, Sajjad Rak

zahedan journal of research in medical sciences Volume: (17) -

80. Synthesis characterization and crystal structure of new four-coordinated cobalt(II) complexes containing phenanthroline derivatives

Niloufar Akbarzadeh- Torbati, Alireza Rezvani, Hamideh Saravani, Tahereh Kondori, Vahid Amani, Hami
research on chemical intermediates Volume: (41) 1247 - 1256

81. Study of a MnCr/TiO₂ mixed oxide nanocatalyst prepared via an inorganic precursor complex for high-temperature watergas shift reaction

Javad Farzanfar, Alireza Rezvani
COMPTES RENDUS CHIMIE Volume: (18) 178 - 186

82. Ion-pair complex precursor approach to fabricate high surface area nanopowders of MgAl₂O₄ spinel

Armaghan Miroliaee, Alireza Salehirad, Alireza Rezvani
MATERIALS CHEMISTRY AND PHYSICS Volume: (151) 312 - 317

2014

83. Potential antidiabetic drug involving a zinc anionic complex of dipic and metformin as counter ions Synthesis characterization crystal structure and electrochemical studies

Alireza Rezvani
JOURNAL OF MOLECULAR STRUCTURE Volume: (1074) 79 - 84

84. A proton transfer and a cobalt(II) compound including 2,6-pyridinedicarboxylate and o-phenylenediamine ions Synthesis characterization crystal structure and solution study

Alireza Rezvani
COMPTES RENDUS CHIMIE Volume: (17) 1221 - 1229

85. Solvent-free Preparation of 5-Aryloxytetrazoles via 2,3 Cycloaddition of Cyanates and Sodium Azide Using Silica Supported Sulfuric Acid as an Effective Heterogeneous Catalyst

, , , , Ali Reza Modarresi Alam, Alireza Rezvani, Ali Akbar Mirzaei, Malektaher Maghsoodlou
Chemistry of Heterocyclic Compounds Volume: () -

86. A proton transfer and a cobalt(II) compound including 2,6-pyridinedicarboxylate and o-phenylenediamine ions: Synthesis, characterization, crystal structure and solution study

, Alireza Rezvani, , , , ,
COMPTES RENDUS CHIMIE Volume: () -

87. Potential antidiabetic drug involving a zinc anionic complex of dipic and metformin as counter ions: Synthesis, characterization, crystal structure and electrochemical studies

, Alireza Rezvani, , , , ,
JOURNAL OF MOLECULAR STRUCTURE Volume: () -

88. A proton transfer and a cobalt(II) compound including 26-pyridinedicarboxylate and o-phenylenediamine ions Synthesis characterization crystal structure and solution study

Khaled Ghasemi, Alireza Rezvani, Ardeshir Shokrollahi, Abolghasem Moghimi, Sara Gavahi, Santiago Gar

COMPTEs RENDUS CHIMIE Volume: (17) 1221 - 1229

89. Potential antidiabetic drug involving a zinc anionic complex of dipic and metformin as counter ions Synthesis characterization crystal structure and electrochemical studies

Khaled Ghasemi, Alireza Rezvani, Mohd Mustaqim Rosli, Ibrahim Abdul Razak, Abolghasem Moghimi, Fatem

JOURNAL OF MOLECULAR STRUCTURE Volume: (1074) 79 - 84

90. Solvent-free Preparation of 5-Aryloxytetrazoles via 23 Cycloaddition of Cyanates and Sodium Azide Using Silica Supported Sulfuric Acid as an Effective Heterogeneous Catalyst

F. Khamooshi, B. Haghighi, K. Jhaleh, R. Aryan, Ali Reza Modarresi Alam, Alireza Rezvani, Ali Akbar

Chemistry of Heterocyclic Compounds Volume: (49) 1464 - 1468

2013

91. Chromium(III) Complex Obtained from Dipicolinic Acid: Synthesis, Characterization, X-Ray Crystal Structure and Electrochemical Studies

, Alireza Rezvani, , , ,

BULLETIN OF THE KOREAN CHEMICAL SOCIETY Volume: () -

92. SOLVENT-FREE PREPARATION OF 5-ARYLOXYTETRAZOLES via [2 3] CYCLOADDITION USING SILICA SUPPORTED SULFURIC ACID AS AN EFFECTIVE OF CYANATES AND SODIUM AZIDE HETEROGENEOUS CATALYST

, , , , Ali Reza Modarresi Alam, Alireza Rezvani, Ali Akbar Mirzaei, Malektaher Maghsoodlou

Chemistry of Heterocyclic Compounds Volume: (49) 1464 - 1469

2012

93. Study of Cu-Ni/SiO₂ catalyst prepared from a novel precursor, [Cu(H₂O)₆][Ni(dipic)₂].2H₂O/SiO₂, for water gas shift reaction

, , , Alireza Rezvani

FUEL PROCESSING TECHNOLOGY Volume: () 9 - 15

94. A Novel 1:1 Co-Crystal of Bis(1,10-Phenanthroline)(1,10-Phenanthroline-5,6-Dione)Nickel(II) Hexafluorophosphate and Tris(1,10-Phenanthroline)Nickel(II) Hexafluorophosphate Complexes, [Ni(phen)₂(phen-dione)] [Ni(phen)₃] (PF₆)₄

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Alireza Rezvani

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96. Water gas shift reaction over Zn-Ni/SiO₂ catalyst prepared from $\text{Zn}(\text{H}_2\text{O})_6 \cdot 2 \text{Ni}(\text{NCS})_6 \cdot \text{H}_2\text{O}/\text{SiO}_2$ precursor

Alireza Rezvani

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97. DNA Binding, DNA Cleavage, and Cytotoxicity Studies of Two New Copper (II) Complexes

Alireza Rezvani,

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98. Synthesis, Characterization, and Crystal Structure of Tetrahedral Cobalt(II) Complex with 2,2'-Biquinoline Ligand

Niloufar Akbarzadeh- Torbati, Alireza Rezvani, Hamideh Saravani, Hamid Reza Khavasi, Vahid Amini

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Hassan Hadadzadeh, Ghobad Mansouri, Alireza Rezvani, Hamid R. Khavasi, Brian W. Skelton, Mohamed Mak

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101. Dichlorido(2,9-dimethyl-1,10-phenanthroline-k²N,N')cobalt(II)

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102. Crystal structure of catena- (2-aqua)(2-pyridine-2,6-dicarboxylato)-(nitrate)cadmium(II) $\text{Cd}(\text{H}_2\text{O})(\text{C}_7\text{H}_4\text{O}_4\text{N})(\text{NO}_3)$

Alireza Rezvani

zeitschrift fur kristallographie Volume: (225) -

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Alireza Rezvani, Niloufar Akbarzadeh- Torbati

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Hamideh Saravani, Alireza Rezvani, , , h haddad

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