

**My Name**

Gholamhossein Grivani

B.S Degree

Chemistry, The University of Mazandaran, Iran. July ۱۹۹۲.

M. S Degree

Inorganic Chemistry, Tarbiat Modares University, Iran, September ۱۹۹۵.

Ph.D Degree

Inorganic Chemistry, Isfahan University, Iran, September ۲۰۰۵.

Education:

Since from ۲۰۰۰ I have had teaching of following courses:

Inorganic chemistry ۱

Inorganic Chemistry lab ۱

Inorganic chemistry ۲

Inorganic Chemistry lab ۲

Inorganic Chemistry ۳

General Chemistry ۱

General Chemistry ۲

Advanced Inorganic Chemistry

Advanced Topics in Inorganic Chemistry

Thermodynamic, Kinetic and mechanism of inorganic reactions

Bioinorganic chemistry

Group Theory in Chemistry

Position

Professor of Inorganic Chemistry

Institute

Damghan University

Address

School of Chemistry, Damghan University, Damghan ۳۶۷۱۵-۳۶۴, Iran

e-mail: grivani@du.ac.ir

Research Area

My research area lies in the field of synthesis and characterization of the Schiff base ligands and their V, Cu, Ni, Zn, Mo and Hg complexes and investigation of the structural features of them. In addition our group investigates the catalytic activity of the synthesized complexes as homogeneous catalysts in oxidation reaction such as epoxidation, oxidation of sulfides and other organic substrates as well as immobilization of the synthesized complexes on the inorganic and organic supports as heterogeneous catalysts. We also investigate the thermal decomposition of the synthesized complexes in order to prepare nano metal-oxides particles. Recently we started to synthesis of the Schiff base ligands and their metal complexes containing ionic liquid functionalities, synthesis of Schiff base polymers, and their complexes, semiconducting metallopolymers, coordination polymers as well as the nano-magnet supports.

My ISI publications:

۲۰۲۳:

- ۱) Mahrokh Razzaghi kamroudi, **Gholamhossein Grivani**, **A new ionic Schiff base macrocycle as highly selective and sensitive colorimetric chemo-sensor for S^{۲-} detection**, Journal of Chemical Sciences, ۱۳۵(۲۰۲۳) ۱۱.
- ۲) Alireza Esmaeili; **Gholamhossein Grivani**, **New Schiff base and its Zn^{۲+} metallopolymer: synthesis, characterization and solid-state conductivity**, Iranian Journal of Chemistry and Chemical Engineering, Accepted.

۲۰۲۲:

- ۳) Maryam Shekari, Seyed Rasoul Mousavi, Mahdi Golriz, Amirali Bolourian, **Gholamhossein Grivani**, Udo Wagenknecht, Seyed Hassan Jafari, Hossein AliKhonakd, **Effect of re-modified nanoclays on the extent of transesterification in poly (ethylene terephthalate)/poly (ethylene ۲,۶-naphthalenedicarboxylate) blend nanocomposites** Materials Today Communications ۳۲(۲۰۲۲) ۱۰۳۸۷۲.

۲۰۲۰:

- ۴) FARZANEH NEHZAT and **GHOLAMHOSSEIN GRIVANI**, **Two efficient ligand-assisted systems of two different ionic Schiff base ligands for palladium chloride catalyzed in Suzuki-Miyaura reaction**, J. Chem. Sci. ۱۳۲ (۲۰۲۰)۳۳.
- ۵) V. Tahmasebi, **G. Grivani**, V. Eigner, M. Dusek , and A. D. Khalaji, **NEW Mn(II) AND Cu(II) COMPLEXES OF NAPHTALDIMINE SCHIFF BASE LIGANDS: SYNTHESIS, CHARACTERIZATION AND CRYSTAL STRUCTURES**, Journal of Structural Chemistry, ۶۱(۲۰۲۰) ۵۷-۶۵.

۲۰۱۹:

- ۶) Bahare Sadeghi Far , **Gholamhossein Grivani**, Aliakbar Dehno Khalaji , Mahdi Khorshidi, Ahmad Gholizade **A new six coordinated oxidovanadium(IV) Schiff base complex: Synthesis, characterization, crystal structure, thermal study and antibacterial activity**, Journal of Molecular Structure, ۱۱۹۷(۲۰۱۹) ۳۶۱-۳۶۸.

- ۷) Zohreh S. Ghavami and **Gholamhossein Grivani**, **Synthesis, characterization and solid state conductivity of nano-size ionic Schiff base polymers of Cu^{۲+}, Zn^{۲+} and VO^{۲+} containing viologen moieties**, *New J. Chem.*, ۴۳(۲۰۱۹) ۱۶۴۶۸.
- ۸) Zohreh S. Ghavami, **Gholamhossein Grivani**, **Ionic metallo-Schiff base polymers of VO^{۲+}, Zn^{۲+} and Cu^{۲+}: Synthesis, characterization and solid-state conductivity**, *Appl Organometal Chem.* ۲۰۱۹;e۴۹۱۶.
- ۹) Aliakbar Dehno Khalaji, Shaghayegh Izadi, **Gholamhossein Grivani**, **Nanosize Metal Schiff Base Complexes as Precursors for the Preparation of HgO, Co^۲O^۴ and Mn^۲O^۴ Nanoparticles**, *Iranian Journal of Science and Technology, Transactions A: Science* ۴۳(۲۰۱۹)۱۰۰-۱۰۹.
- ۱۰) Nafar Mahdieh; **Grivani, Gholamhossein**, **Immobilization of MoO^۲(acac)^۲ on Multiwall Carbon Nano Tube and Epoxidation of Alkenes**, *Iran. J. Chem. Chem. Eng.* ۳۸(۲۰۱۹) ۱-۸.

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- ۱۱) Zohreh S. Ghavami, Markus R. Anneser, Felix Kaiser, Philipp J. Altmann, Benjamin J. Hofmann, Jonas F. Schlagintweit, **Gholamhossein Grivani** and Fritz E. Kuhn, **A bench stable formal Cu(III) N-heterocyclic carbene accessible from simple copper(II) acetate**, *Chem. Sci.*, ۲۰۱۸, ۹, ۸۳۰۷.
- ۱۲) Hamide Barfeie, **Gholamhossein Grivani**, Vaclav Eigner, Michal Dusek, Aliakbar Dehno Khalaji, **Copper(II), nickel(II), zinc(II) and vanadium(IV) Schiff base complexes: Synthesis, characterization, crystal structure determination, and thermal studies**, *Polyhedron* ۱۴۶ (۲۰۱۸) ۱۹-۲۰.
- ۱۳) Majid Amiri, Davood Ajloo, Mostafa Fazli, Amir Mokhtarieh, **Gholamhossein Grivani**, A.A. Sabourye **Spectroscopic, electrochemical, docking and molecular dynamics studies on the interaction of three oxovanadium (IV) Schiff base complexes with bovine serum albumin and their cytotoxicity against cancer**, *Journal of Biomolecular Structure and Dynamics* ۳۶(۲۰۱۸) ۳۷۰۳-۳۷۷۲

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- ۱۴) Somayeh Azizi Talouki, **Gholamhossein Grivani**, Aliakbar Dehno Khalaji, **Six-coordinated vanadium(IV) complexes with tridentate task-specific ionic liquid Schiff base ligands: Synthesis, characterization and effect of ionic nature on catalytic activity**, Appl Organometal Chem. ۲۰۱۷;e۴۰۷۸.
- ۱۵) Somayeh Azizi Talouki, **Gholamhossein Grivani**, Pascale Crochet, Victorio Cadierno, **Half-sandwich ruthenium(II) complexes with water-soluble Schiff base ligands: Synthesis and catalytic activity in transfer hydrogenation of carbonyl compounds**, Inorganica Chimica Acta ۴۵۶ (۲۰۱۷) ۱۴۲–۱۴۸.
- ۱۶) Bahare Sadeghi Far, **Gholamhossein Grivani**, Aliakbar Dehno Khalaji, Mahdi Khorshidi, Vaclav Eigner, Michal Dusček, **A New Trinuclear Zn(II) Complex {[Zn(I-ONN) (I'-O)(I-OO)]^۲Zn}: Synthesis, Characterization, Thermal Decomposition and Antibacterial Activity**, J Clust Sci (۲۰۱۷) ۲۸:۳۲۱۷–۳۲۲۷.

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- ۱۷) Aliakbar Dehno Khalaji, **Gholamhossein Grivani**, Shaghayegh Izadi, **Temperature effect on preparation of Ni/NiO nanocomposites by solid-state thermal decomposition of bis(N-(۲-hydroxyphenyl)cinnamaldimine)nickel(II)**, J Thermal Anal Calorim, J Therm Anal Calorim (۲۰۱۶) ۱۲۶:۱۱۰–۱۱۰۹.
- ۱۸) Vida Tahmasebi, **Gholamhossein Grivani**, Giuseppe Bruno, **Synthesis, characterization, crystal structure determination and catalytic activity in epoxidation reaction of two new oxidovanadium(IV) Schiff base complexes**, Journal of Molecular Structure ۱۱۲۳ (۲۰۱۶)s ۳۶۷–۳۷۴.
- ۱۹) **Gholamhossein Grivani**, Mohammad Vakili, Aliakbar Dehno Khalaji, Giuseppe Bruno, Hadi Amiri Rudbari, Maedeh Taghavi, **Synthesis, characterization, crystal structure determination and computational study of a new Cu(II) complex of bis [۲-((E)-[۲-chloroethyl]imino)methyl}phenolato] copper(II) Schiff base complex**, J Mol Struct, ۱۱۱۶ (۲۰۱۶) ۳۳۳–۳۳۹.
- ۲۰) Ayoub Kanaani, Davood Ajloo, **Gholamhossein Grivani**, Abbaseh Ghavami, Mohammad Vakili, **Tautomeric stability, molecular structure, NBO, electronic and NMR analyses of salicylideneimino-ethylimino-pentan-۲-one**, J. Mol. Struct. ۱۱۱۲ (۲۰۱۶) ۸۷–۹۶.

۲۱) Halimeh Janani, Ali Reza Rezvani, **Gholamhossein Grivani** • Ali Akbar Mirzaei, **Preparation and characterization of a new cobalt hydrazone complex and its catalytic activity in the hydrogenation of carbon monoxide (Fischer– Tropsch synthesis)**, React Kinet Mech Catal. ۱۱۷(۲۰۱۶) ۱۸۹-۲۰۳.

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۲۲) **Gholamhossein Grivani**, Sara Husseinzadeh Baghan, Mohammad Vakili, Aliakbar Dehno Khalaji, Vida Tahmasebi, Vaclav Eigner, Michal Dušek, **A new copper(II) Schiff base complex containing asymmetrical tetradentate N²O² Schiff base ligand: Synthesis, characterization, crystal structure and DFT study**, Journal of Molecular Structure ۱۰۸۲(۲۰۱۵) ۹۱-۹۶.

۲۳) **Gholamhossein Grivani**, Abbase Ghavami, Vaclav Eigner, Michal Dusěk, Aliakbar Dehno Khalaji, **A new oxidovanadium(IV) Schiff base complex containing asymmetric tetradentate ONN·O· Schiff base ligand: Synthesis, characterization, crystal structure determination, thermal study and catalytic activity**, Chin Chem Lett ۲۶(۲۰۱۵) ۷۷۹-۷۸۴.

۲۴) **G. Grivani**, V. Eigner, M. Dušek, B. Sadeghi, and A. D. Khalaji, **New μ -OAC Bridged Dinuclear Copper(II) Complex with Tridentate Schiff Base Ligand: Synthesis, Characterization, Crystal Structure and CuO Nano_Particles Formation**, Russian Journal of Coordination Chemistry, ۲۰۱۵, Vol. ۴۱, pp. ۴۵۶-۴۶۱.

۲۵) Halimeh Janani, Ali Reza Rezvani, **Gholamhossein Grivani**, Ali Akbar Mirzaei, **Fischer–Tropsch Synthesis of Hydrocarbons over New Co/Ce Bimetallic Catalysts Derived from Dipicolinate and Carbonyl Metal Complexes**, J Inorg Organomet Polym, ۲۵(۲۰۱۵) ۱۱۶۹-۱۱۸۲.

۲۶) AliakbarDehnoKhalaji, Mohammad Gholinejad, Sepideh Maghsodlou Rad, **Gholamhossein Grivani**, Karla Fejfarova, Michal Dusek, **Synthesis, characterization, crystal and theoretical studies of new chiral Schiff base (E)- ϵ -hydroxy[(1-phenylethyl)iminomethyl]benzoyne** Res Chem Intermed ۴۱ (۲۰۱۵) ۱۶۳۵-۱۶۴۵.

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- ۲۷) **Gholamhossein Grivani**, VIDA TAHMASEBI, ALIAKBAR DEHNO KHALAJI‡, VÁCLAV EIGNER and MICHAL DUŠEK, **Synthesis, characterization, crystal structure, catalytic activity in oxidative bromination, and thermal study of a new oxidovanadium Schiff base complex containing O, N-bidentate Schiff base ligand**, Journal of Coordination Chemistry, ۲۰۱۴, Vol. ۶۷, No. ۲۲, ۳۶۶۴–۳۶۷۷.
- ۲۸) **Gholamhossein Grivani**, Abbaseh Ghavami, Monika Kučeráková, Michal Dušek, AliakbarDehnoKhalaji , - **Synthesis, characterization, crystal structure determination, thermal study and catalytic activity of a new oxidovanadium Schiff base complex** - Journal of Molecular Structure 1076 (2014) 326–332.
- ۲۹) **Gholamhossein Grivani**, Vida Tahmasebi, AliakbarDehnoKhalaji, **A new oxidovanadium (IV) complex containing O, N bidentate Schiff base ligand: Synthesis, characterization, crystal structure determination, thermal study and catalytic activity in oxidative bromination reaction** - Polyhedron , ۶۸(۲۰۱۴) ۱۴۴-۱۵۰.
- ۳۰) **Gholamhossein Grivania**, Mohammad Vakilib, Aliakbar Dehno Khalajic, Giuseppe Brunod, HadiAmiriRudbarid, MaedehTaghavia, Vida Tahmasebi , - **Synthesis, characterization, crystal structure determination, computational study, and thermal decomposition into NiOnano-particles of a new NiIII^۲ Schiff base complex (L=۲-[(E)-[۲-chloroethyl]imino]methylphenolate)** - Journal of Molecular Structure ۱۰۷۲ (۲۰۱۴) ۷۷–۸۳.
- ۳۱) **Gholamhossein Grivani**, Aliakbar DehnoKhalaji, Karla Fejfarová, Michal Dušek, Vida Tahmasebi, ShadiDelkhosh, **Synthesis, characterization, crystal structure determination, catalytic activity and thermal study of a new oxidovanadium(IV) Schiff base complex: production of V^۲O^۵ nano-particles** - Jornal of the Iranian Chemical society, ۱۱(۲۰۱۴) ۹۵۳-۹۶۲.
- ۳۲) **Gholamhossein Grivani**, Ali Halili, **Polymer-Supported diimine molybdenum carbonyl complexes as highly reusable and efficient pre-catalysts in epoxidation of alkenes** - Journal of the Iranian Chemical Society, ۱۱(۲۰۱۴) ۱۶۳-۱۶۸.

۲۰۱۳:

- ۳۳) **Gholamhossein Grivani**, Vida Tahmasebi, Keiamars Eskandari, Aliakbar DehnoKhalaji, Giuseppe Brunod, Hadi Amiri Rudbari , **Synthesis, characterization, crystal structure determination and computational study of the two new bidentate O, N Schiff bases derived from bromosalicylaldehyde and amines containing alkyl halide pendant groups** - Journal of Molecular Structure - , ۱۰۵۴(۲۰۱۳) ۱۰۰-۱۰۶.
- ۳۴) **Gholamhossein Grivani** , Akram Akherati , **Polymer-supported bis (۲-hydroxyanyl) acetylacetonatomolybdenyl Schiff basecatalyst as effective, selective and highly reusable catalyst in epoxidation of alkenes** - Inorganic Chemistry Communications - , ۲۸(۲۰۱۳) ۹۰-۹۳.
- ۳۵) AliakbarDehnoKhalaji, **Gholamhossein Grivani**, Mohammad Seyyedi, Karla Fejfarova, Michal Dusek , - **Zinc(II) and mercury(II) complexes [Zn((۲,۶-Cl-ba)۲en)I۲] and [Hg((۲,۶-Cl-ba)۲en)Br۲] with the bidentate Schiff base ligand (۲,۶-Cl-ba)۲en: Synthesis, characterization and crystal structures** - Polyhedron - , ۴۹(۲۰۱۳) ۱۹-۲۳.
- ۳۶) Gholamhossein Grivani, Shadi Delkhosh, Karla Fejfarová, Michal Dušek, Aliakbar Dehno Khalaji , - **Polynuclearoxovanadium(IV) Schiff base complex [VOL۲]n (L = (۶-bromo-۲-hydroxybenzyl-۲-furylmethyl)imine): synthesis, characterization, crystal structure, catalytic properties and thermal decomposition into V۲O۶ nano-particles** - Inorgani Chemistry Communications - , ۲۷(۲۰۱۳)۸۲-۸۷.
- ۳۷) Aliakbar DehnoKhalaji, **Gholamhossein Grivani**, Morteza Rezaei, Karla Fejfarova and Michal Dusek , - **Synthesis and characterization of zinc(II) complexes with ۳,۴-dimethoxybenzaldehyde thiosemicarbazone: The crystal structure of [Zn(۳,۴-MBTSC)۲Cl۲]- Phosphorus, Sulfur, and Silicon, ۱۸۸(۲۰۱۳)۱۱۱۹-۱۱۲۶.**
- ۳۸) A.D. Khalaji, H. Mighani, M. Gholinejad, **G. Grivani**, S. JalaliAkerdi, K. Fejfarova and M. Dusek , - **SYNTHESIS, CHARACTERIZATION AND COMPUTATIONAL STUDIES OF ZINC(II)-HALIDE COMPLEXES WITH BIDENTATE SCHIFF BASE LIGAND (۲,۶-MeO-ba)۲En: THE CRYSTAL STRUCTURE OF (۲,۶-MeO-ba)۲En** - J. Struct. Chem - ۴ (۲۰۱۳) ۷۶۶-۷۷۳.

۳۹) **Gholamhossein Grivania**, Vida Tahmasebi, Aliakbar Dehno Khalaji, Karla Fejfarová, Michal Dušek , **Synthesis, characterization and crystal structure determination of a new vanadium(IV) Schiff base complex (VOL^۲) and investigation of its catalytic activity in epoxidation of the cyclooctene** – Polyhedron, ۳۱(۲۰۱۳) ۵۴-۶۰.

۲۰۱۲:

۴۰) A. D. Khalaji, **G. Grivani**, M. Rezaei^۲ K. Fejfarova, and M. Dusek , - **SYNTHESIS, SPECTRAL CHARACTERIZATION, AND CRYSTAL STRUCTURE OF MONONUCLEAR MERCURY(II) COMPLEX [Hg((۳,۴-MeOBza)^۲En)I^۲]** – Russ J Coord Chem, - ۳۹(۲۰۱۳) ۱۰۴-۱۰۸.

۴۱) Mehdi Salehi, Grzegorz Dutkiewicz, Arezou Rezaei • Ali Amoozadeh • Salman Rahmani, **Gholamhossein Grivani** • Maciej Kubicki , - **Synthesis, Antibacterial Studies and Crystal Structures of Tridentate Schiff Base Ligand and Its Cobalt(III) Complex** - J Chem Crystallogr, ۴۲(۲۰۱۲) ۸۷۱-۸۷۸.

۴۲) Gholamhossein Grivani , Nadi Gholampoor , - **Immobilization of MoO^۲Cl^۲ on Polystyrene via Different Linkers and Oxidation of Sulfide in the Presence of Hydrogen Peroxide** - J. Iran. Chem. Soc , ۹(۲۰۱۲) ۳۴۹-۳۵۵.

۴۳) Aliakbar Dehno Khalaji , **Gholamhossein Grivani** , Samaneh Jalali Akerdi , Helen Stoeckli-Evans , Debasis Das , - **Synthesis, Spectroscopic and Thermal Studies of Zinc(II) Complexes with the Symmetrical Bidentate Schiff-Base Ligand (۲,۳-MeO-ba)^۲en: Crystal Structure of Zn((۲,۳-MeO-ba)^۲en)I^۲** - J Chem Crystallogr - , ۴۲(۲۰۱۲) ۸۳-۸۸.

۴۴) **Gholamhossein Grivani** , Giuseppe Brunob , Hadi Amiri Rudbari , Aliakbar Dehno Khalaji , Pegah Portimori , - **Synthesis, characterization and crystal structure determination of a new oxovanadium(IV) Schiff base complex: The catalytic activity in the epoxidation of cyclooctene**, - Inorganic Chemistry Communications , ۱۸(۲۰۱۲) ۱۵-۲۰.

۴۵) A. D. Khalaji, **G. Grivani**, M. Seyyedi, K. Fejfarová and M. Dusek , - **[N,N'-Bis(۲,۶-dichlorobenzylidene)propane-۱,۳-diamine-^۲N,N']dibromidozinc** - Acta Cryst. E, E ۶۸(۲۰۱۲) m۹۷۱.

ε٦) Aliakbar Dehno Khalaji, **Gholamhossein Grivani**, Samaneh Jalali Akerdi, Helen Stoeckli-Evans Debasis Das, **Synthesis, Spectroscopic and Thermal Studies of Zinc(II) Complexes with the Symmetrical Bidentate Schiff-Base Ligand (٢,٣-MeO-ba)٢en: Crystal Structure of Zn((٢,٣-MeO-ba)٢en)I٢** - J Chem Crystallogr ٤٢(٢٠١٢)٨٣-٨٨.

٢٠١١:

ε٧) Aliakbar Dehno Khalaji, **Gholamhossein Grivani**, Morteza Rezaei, Karla Fejfarova, Michal Dusek, - **Synthesis and spectral characterization of mercury(II) complexes with the bidentate Schiff base ligand N,N'-bis(٢,٣-dimethoxybenzylidene)-١,٢-diaminoethane: The crystal structures of [Hg((٢,٣-MeO-ba)٢en)I٢] and [Hg((٢,٣-MeO-ba)٢en)Br٢]**, Polyhedron - ٣٠(٢٠١١) ٢٧٩٠-٢٧٩٤.

ε٨) Aliakbar Dehno Khalaji, Sepideh Maghsodlou Rad, **Gholamhossein Grivani**, Debasis Das, - **Nickel(II) and copper(II) complexes with an asymmetric bidentate Schiff-base ligand derived from furfurylamine**, J Therm Anal Calorim. ١٠٣(٢٠١١) ٧٤٧-٧٥١.

ε٩) **Gholamhossein Grivani**, Aliakbar Dehno Khalaji, Vida Tahmasebi, Kazuma Gotoh, Hiroyuki Ishida, - **Synthesis, characterization and crystal structures of new bidentate Schiff base ٣ ligand and its vanadium(IV) complex: The catalytic activity of vanadyl complex ٤ in epoxidation of alkenes** - Polyhedron, ٣١(٢٠١١) ٢٦٥-٢٧.

٥٠) S. Jalali Akerdi, **G. Grivani**, H. Stoeckli-Evans, and A. D. Khalaji, - **Crystal Structure of Dinuclear Azide Bridged Copper(II) Complex [Cu٢((٣,٤-MeO-Ba)٢En)٢(μ١,١-N٣)٢(N٣)٢]{(٣,٤-MeO-Ba)٢En =N,N-bis(٣,٤-Dimethoxybenzylidene)-١,٢-Ethanediamine}**, Russian Journal of Coordination Chemistry, ٣٧(٢٠١١) ٣٩٤-٣٩٨.

٥١) Aliakbar Dehno Khalaji, Sepideh Maghsodlou Rad, **Gholamhossein Grivani**, Karla Fejfarova, Michal Dusek, Debasis Das, - **Crystal Structure, Spectral and Thermal Studies of (E)-٤-Dimethamino[(١-phenylethyl)iminomethyl]benzynes** - J Chem Crystallogr - , ٤١, ١١٤٥-١١٤٩ - January, ٢٠١١ - .

- ۰۲) A. D. Khalaji , S. JalaliAkerdi , **G. Grivani** , H. Stoeckli Evans , D. Das , - **Synthesis, Spectral and Thermal Studies of Zinc(II) and Mercury(II)Complexes with Bidentate SchiffBase Ligand (۲,۴-MeOBa)En**the Crystal Structure of Zn(۲,۴-MeOBa)EnIEn:the Crystal Structure of Zn(۲,۴-MeOBa)EnIEn - Russian Journal of Coordination Chemistry, ۳۷(۲۰۱۱) ۵۷۸-۵۸۴.
- ۰۳) Khalaji, Aliakbar D , Maghsodlou Rad, Sepideh , **Grivani, Gholamhossein** , Rezaei, Morteza , Gotoh, Kazuma , Ishida, Hiroyuki , - **Cobalt(III) Complex [CoL^۳] Derived from an Asymmetric Bidentate Schiff Base Ligand L (L=(۵-Bromo-۲-hydroxybenzyl-۲-furylmethyl)-imine): Synthesis,Characterization and Crystal Structure** - Chin. J. Chem. - , ۲۹(۲۰۱۱)۱۶۱۳-۱۶۱۶.

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- ۰۴) Aliakbar DehnoKhalaji, **Gholamhossein Grivani**, SamanehJalali Akerdi, KazumaGotoh, Hiroyuki Ishida , HosseinMighani , **Synthesis, spectroscopic characterization, crystal structures,and theoretical studies of (E)-۲-(۲,۴-dimethoxybenzylidene)thiosemicarbazone and (E)-۲-(۲,۵-dimethoxybenzylidene)thiosemicarbazone** - StructChem - , ۲۱(۲۰۱۰) ۹۹۵-۱۰۰۳.
- ۰۵) Aliakbar Dehno Khalaji, Matthias Weil, **Gholamhossein Grivani**, Samaneh Jalali Akerdi , **Synthesis, characterization, and crystal structure of two zinc(II) halide complexes with the symmetrical bidentate Schiff-base ligand (۳,۴-MeO-ba)En** – Monatsh Chem , ۱۴۱(۲۰۱۰) ۵۳۹-۵۴۳.

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- ۰۶) S. Tangestaninejad, V. Mirkhani, M. Moghadam, **G. Grivani** , - **Readily prepared heterogeneous molybdenum-based catalysts as highly recoverable, reusable and active catalysts for alkene epoxidation** - Catalysis Communications - , ۸(۲۰۰۷) ۸۳۹-۸۴۴.
- ۰۷) **G. Grivani**, S. Tangestaninejad, A Halili , - **A readily prepared, highly reusable and active polymer-supported molybdenum carbonyl Schiff base complex as epoxidation catalyst** - Inorganic Chemistry Communications - , ۱۰(۲۰۰۷) ۹۱۴-۹۱۷.

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