



Hossein Naeimi

Professor

College: Faculty of Chemistry

Department: Cell and Molecular Biology

Papers in Journals

1. سنتز کارآمد بنزو [فنازین در شرایط بدون حلال با استفاده از کاتالیزگر بر [a] مهسا خراسانی، حسین نعیمی، پیرانو] ۳، ۲، شماره پایه مایع یونی بوتیل- ۳- متیل ایمیدازولیوم هگزاfluوروفسفات، پژوهش های شیمیایی و نانومواد، مجلد ۲، شماره ۸، ۱۴۰۲/۰۵/۱۰، صفحات ۸، ۱۴۰۲/۰۵/۱۰.
2. خدیجه ربیعی، حسین نعیمی، بررسی خواص فیزیکوشیمیایی بازهای شیف دوتایی سنتز شده با روشی سبز از طریق واکنش های سه جزئی تحت تابش فراصوت، مجله علمی- پژوهشی شیمی کاربردی، مجلد ۲، شماره صفحات ۹، ۱۴۰۱/۰۲/۲۰، ISC.
3. خدیجه ربیعی، حسین نعیمی، بررسی خواص فیزیکوشیمیایی بازهای شیف دوتایی سنتز شده با روشی سبز از طریق واکنش های سه جزئی تحت تابش فراصوت، مجله علمی- پژوهشی شیمی کاربردی، مجلد ۲، شماره صفحات ۹، ۱۴۰۱/۰۲/۲۰، ISC.
4. Corrosion inhibition behavior of 2-(4-methoxyphenyl)-benzothiazole on mild steel corrosion through design of experiments approach, quantum chemical calculations and molecular dynamics simulation, Journal of the Iranian Chemical Society, Vol. 21, pp. 1439, 2024 04 17, SCOPUS, ISC, JCR.
5. Sonochemical synthesis of ortho-aminocarbonitrile tetrahydronaphthalenes using mesoporous yolk-shell nanocomposites as a recyclable heterogeneous catalyst and evaluation of their in vitro antimicrobial activities, Applied Organometallic Chemistry, 2023 11 08, SCOPUS, JCR.
6. Sonochemical synthesis of ortho-aminocarbonitrile tetrahydronaphthalenes using mesoporous yolk-shell nanocomposites as a recyclable heterogeneous catalyst and evaluation of their in vitro antimicrobial activities, Applied Organometallic Chemistry, 2023 11 08, SCOPUS, JCR.
7. Sonochemical synthesis of ortho-aminocarbonitrile tetrahydronaphthalenes using mesoporous yolk-shell nanocomposites as a recyclable heterogeneous catalyst and evaluation of their in vitro antimicrobial activities, Applied Organometallic Chemistry, 2023 11 08, SCOPUS, JCR.
8. Sonochemical synthesis of ortho-aminocarbonitrile tetrahydronaphthalenes using mesoporous yolk-shell nanocomposites as a recyclable heterogeneous catalyst and evaluation of their in vitro antimicrobial activities, Applied Organometallic Chemistry, 2023 11 08, SCOPUS, JCR.
9. Efficient and Mild Synthesis of Pyranopyrimidines Catalyzed by Decorated Multi-walled Carbon Nanotubes Bearing Cobalt, Nickel, and Copper Metals in Water, J Cluster Science, Vol. 34, pp. 2189, 2023 11 05, SCOPUS, JCR.
10. Efficient and Mild Synthesis of Pyranopyrimidines Catalyzed by Decorated Multi-walled Carbon Nanotubes Bearing Cobalt, Nickel, and Copper Metals in Water, J Cluster Science, Vol. 34, pp. 2189, 2023 11 05, SCOPUS, JCR.

- Catalyzed by Decorated Multi-walled Carbon Nanotubes Bearing Cobalt, Nickel, and Copper Metals in Water, *J Cluster Science*, Vol. 34, pp. 2189, 2023 11 05, SCOPUS, JCR.
11. Design, fabrication, and evaluation of green mesoporous hollow magnetic spheres with antibacterial activity, *Materials Science and Engineering: B*, Vol. 299, pp. 116973, 2023 10 26, JCR.
 12. Design, Fabrication and Characterization of Multi- Yolk@Shell NiCuFe₂O₄@mSiO₂ Mesoporous Nanocomposite Spheres for the Synthesis of Pyrimido-Quinolines under Solvent-Free Conditions, *ChemistryOpen*, Vol. 12, pp. 202300053, 2023 08 20, SCOPUS, ISI-Listed.
 13. Nickel ferrite nanoparticles doped on hollow carbon microspheres as a novel reusable catalyst for synthesis of N-substituted pyrrole derivatives, *Scientific Reports*, Vol. 13, pp. 10840, 2023 07 05, SCOPUS, JCR.
 14. Nickel ferrite nanoparticles doped on hollow carbon microspheres as a novel reusable catalyst for synthesis of N-substituted pyrrole derivatives, *Scientific Reports*, Vol. 13, pp. 10840, 2023 07 05, SCOPUS, JCR.
 15. Nickel ferrite nanoparticles doped on hollow carbon microspheres as a novel reusable catalyst for synthesis of N-substituted pyrrole derivatives, *Scientific Reports*, Vol. 13, pp. 10840, 2023 07 05, SCOPUS, JCR.
 16. Fabrication and characterization of mesoporous yolk-shell nanocomposites as an effective reusable heterogeneous base catalyst for the synthesis of ortho-aminocarbonitrile tetrahydronaphthalenes, *RSC Adv*, Vol. 13, pp. 18690, 2023 06 28, SCOPUS, JCR.
 17. Sonochemical synthesis of 1,4-dihydropyrimidinones catalyzed by reduced graphene oxide encapsulated zinc oxide nanoparticles, *INORGANIC AND NANO-METAL CHEMISTRY*, Vol. 2, pp. 1, 2023 06 20, SCOPUS, JCR.
 18. Sonochemical synthesis of 1,4-dihydropyrimidinones catalyzed by reduced graphene oxide encapsulated zinc oxide nanoparticles, *INORGANIC AND NANO-METAL CHEMISTRY*, Vol. 2, pp. 1, 2023 06 20, SCOPUS, JCR.
 19. Flexible self-healing nanocomposite based gelatin/tannic acid/acrylic acid reinforced with zinc oxide nanoparticles and hollow silver nanoparticles based on porous silica for rapid wound healing, *International Journal of Biological Macromolecules*, Vol. 241, pp. 1, 2023 04 24, SCOPUS, JCR.
 20. An effective and eco-friendly sonochemical multicomponent synthesis of trisubstituted imidazoles via modified silica-coated cobalt ferrite nanoparticles by tungstic acid, *Applied Organometallic Chemistry*, Vol. 37, pp. 7038, 2023 02 22, SCOPUS, JCR.
 21. An effective and eco-friendly sonochemical multicomponent synthesis of trisubstituted imidazoles via modified silica-coated cobalt ferrite nanoparticles by tungstic acid, *Applied Organometallic Chemistry*, Vol. 37, pp. 7038, 2023 02 22, SCOPUS, JCR.
 22. Design, fabrication and characterization of magnetic nickel copper ferrite nanocomposites and their application as a reusable nanocatalyst for sonochemical synthesis of 14-aryl-14-H-dibenzo[a,z]xanthene derivatives, *Research on Chemical Intermediates*, Vol. 49, pp. 2705, 2023 02 21, SCOPUS, JCR.
 23. Preparation and characterization of zinc oxide nanoparticles supported on reduced graphene oxide and using as an effective catalyst for synthesis of 1,4-dihydropyrimidinones under solvent-free conditions, *J Heterocycl Chem*, Vol. 60, pp. 477, 2023 02 15, SCOPUS, JCR.
 24. Preparation and characterization of doped hollow carbon spherical nanostructures with nickel and cobalt metals and their catalysis for the green synthesis of pyridopyrimidines, *RSC Adv*, Vol. 13, pp. 3623, 2023 01 25, SCOPUS, JCR.
 25. Design and preparation of hollow triple-shell CaMgFe₂O₄ nanospheres for green synthesis of spiro-dihydrofurans under solvent free conditions, *New J Chem*, Vol. 47, pp. 412, 2023 01 10, SCOPUS, JCR.
 26. An efficient and eco-compatible multicomponent

- synthesis of 2,4,5-trisubstituted imidazole derivatives using modified-silica-coated cobalt ferrite nanoparticles with tungstic acid, Dalton Transactions, Vol. 52, pp. 1257, 2022 12 31, SCOPUS, JCR.
27. ليلا حمصی, حسين نعيمی, Preparation and Characterization of NiCoFe₂O₄ Nanoparticles as an Effective Catalyst for the Synthesis of Trisubstituted Imidazole Derivatives Under Solvent-free Conditions, Acta Chim Slov, Vol. 69, pp. 876, 2022 10 20, SCOPUS, JCR.
28. سمیه کاظم پور, حسين نعيمی, Bimetallic nanoparticles supported ionic liquid as an effective heterogeneous nanocatalyst for green synthesis of chromenes under solvent-free conditions, Applied Organometallic Chemistry, Vol. 36, pp. 1, 2022 09 30, SCOPUS, JCR.
29. سمیه کاظم پور, حسين نعيمی, Bimetallic nanoparticles supported ionic liquid as an effective heterogeneous nanocatalyst for green synthesis of chromenes under solvent-free conditions, Applied Organometallic Chemistry, Vol. 36, pp. 1, 2022 09 30, SCOPUS, JCR.
30. مهسا خراسانی, حسين نعيمی, Synthesis of orthoaminocarbonitrile tetrahydronaphthalenes catalyzed by butyl-3- methylimidazolium hexafluorophosphate ionic liquid base catalyst, SYNTHETIC COMMUN, Vol. 20, pp. 1, 2022 09 10, JCR.
31. اميرحسين قاسمی, اشکان فرازين, مهدي محمدی, مهر, حسين نعيمی, Fabrication and characterization of biopolymers with antibacterial nanoparticles and Calendula officinalis flower extract as an active ingredient for modern hydrogel wound dressings, Materials Today Communications, Vol. 31, pp. 103513, 2022 04 11, JCR.
32. سمیه مرادی, محسن مراديان, حسين نعيمی, Efficient One-Pot Synthesis of 1,4-Dihydropyridines Catalyzed by Magnetic MnFe₂O₄ Nanoparticles, Acta Chim. Slov, Vol. 69, pp. 349, 2022 03 16, JCR.
33. سمیه مرادی, محسن مراديان, حسين نعيمی, Efficient One-Pot Synthesis of 1,4-Dihydropyridines Catalyzed by Magnetic MnFe₂O₄ Nanoparticles, Acta Chim. Slov, Vol. 69, pp. 349, 2022 03 16, JCR.
34. ميترا جوکار, نبی بيدهدنی, غلامرضا, حسين نعيمی, Catalytic chemical reduction of Cr(VI) from contaminated waters by the production of hydrogen radical on the cellulose sulfate microfibers coated with palladium nanocatalyst, DESALIN WATER TREAT, Vol. 248, pp. 124, 2022 01 25, JCR.
35. حوريه السادات عبودتيان, هرندي, محسن مراديان, حسين نعيمی, Morpholinum Sulphate Salt Immobilized Onto Magnetic NPs Catalyzed Sonication Green Synthesis of Dihydropyrimidinones, J CLUST SCI, Vol. 1, pp. 1, 2022 01 18, JCR.
36. حوريه السادات عبودتيان, هرندي, محسن مراديان, حسين نعيمی, Morpholinum Sulphate Salt Immobilized Onto Magnetic NPs Catalyzed Sonication Green Synthesis of Dihydropyrimidinones, J CLUST SCI, Vol. 1, pp. 1, 2022 01 18, JCR.
37. ثريا رحمتی نژاد, حسين نعيمی, Graphitic carbon nitride supported neodymium oxide as an efficient recyclable nanocatalyst for the one-pot synthesis of diazabenz[a] anthraceneones, Dalton Trans., Vol. 51, pp. 1163, 2022 01 05, JCR.
38. سمیه محمدی, حسين نعيمی, Preparation and Characterization of Hollow MgO/SiO₂ Nanocomposites and Using as Reusable Catalyst for Synthesis of 1 H-isochromenes, Silicon, 2021 09 30, SCOPUS, JCR.
39. سمیه محمدی, حسين نعيمی, Preparation and Characterization of Hollow MgO/SiO₂ Nanocomposites and Using as Reusable Catalyst for Synthesis of 1 H-isochromenes, Silicon, 2021 09 30, SCOPUS, JCR.
40. اشکان فرازين, مهدي محمدی, مهر, اميرحسين قاسمی, حسين نعيمی, Design, preparation, and characterization of CS/ PVA/SA hydrogels modified with mesoporous Ag₂O/SiO₂ and curcumin nanoparticles for green, biocompatible, and antibacterial biopolymer film, RSC Adv., Vol. 11, pp. 32775, 2021 09 20, SCOPUS, JCR.
41. زهرا قنبری همسی, حسين نعيمی, Tetrazol-Cu(I) immobilized on nickel ferrite catalyzed green synthesis of indenopyridopyrimidine derivatives in aqueous media, RSC Adv, Vol. 11, pp. 31377, 2021 09 10, SCOPUS, JCR.
42. زهرا قنبری همسی, حسين نعيمی, Tetrazol-Cu(I) immobilized on nickel ferrite catalyzed green synthesis of indenopyridopyrimidine derivatives in aqueous media, RSC Adv, Vol. 11, pp. 31377, 2021 09 10, SCOPUS, JCR.
43. ميترا جوکار, حسين نعيمی, غلامرضا نبی بيدهدنی, Preparation and characterization of cellulose sulfate/Pd nanocatalysts with remarkable efficiency for Suzuki– Miyaura reaction, Appl Organomet Chem., Vol. 35, pp. 1, 2021 07 14, SCOPUS, JCR.

44. مهلا دادایی یزدلی,حسین نعیمی, Nano cobalt ferrite encapsulated-silica particles bearing melamine as an easily recyclable catalyst for the synthesis of dihydropyrano[2,3-c]pyrazoles under green conditions, *Appl Organomet Chem.*, Vol. 35, pp. 6365, 2021 07 06, SCOPUS ,JCR.
45. میترا جوکار,حسین نعیمی,غلامرضا نبی بیدهندی, Design and Preparation of Platinum Anchored on Cellulose as Heterogeneous Nanocatalyst for Synthesis of Bis-Coumarin Derivatives, *POLYCYCLIC AROMATIC COMPOUNDS*, Vol. 2, pp. 1, 2021 05 24, SCOPUS ,JCR.
46. مهلا دادایی یزدلی,حسین نعیمی, Guanidine functionalized core-shell structured magnetic cobalt-ferrite: an efficient nanocatalyst for sonochemical synthesis of spirooxindoles in water, *RSC Adv.*, Vol. 11, pp. 15360, 2021 05 20, SCOPUS ,JCR.
47. زهرا قنبری همسی,حسین نعیمی, Simple and green method for synthesis of new diastereoselective spiroheterocycles catalyzed by copper ferrite, *J Heterocyclic Chem.*, Vol. 58, pp. 1058, 2021 05 20, SCOPUS ,JCR.
48. زهرا قنبری همسی,حسین نعیمی, Simple and green method for synthesis of new diastereoselective spiroheterocycles catalyzed by copper ferrite, *J Heterocyclic Chem.*, Vol. 58, pp. 1058, 2021 05 20, SCOPUS ,JCR.
49. زهرا قنبری همسی,حسین نعیمی, Synthesis of new diastereoselective spiroheterocycles based on dual function of β -diketones, *SYNTHETIC COMMUNICATIONS*, Vol. 51, pp. 1882, 2021 05 12, SCOPUS ,JCR.
50. زهرا قنبری همسی,حسین نعیمی, Synthesis of new diastereoselective spiroheterocycles based on dual function of β -diketones, *SYNTHETIC COMMUNICATIONS*, Vol. 51, pp. 1882, 2021 05 12, SCOPUS ,JCR.
51. سمیه محمدی,حسین نعیمی, A synergetic effect of sonication with yolk-shell nanocatalyst for green synthesis of spirooxindoles, *GREEN CHEMISTRY LETTERS AND REVIEWS*, Vol. 14, pp. 344, 2021 05 10, SCOPUS ,JCR.
52. سمیه محمدی,حسین نعیمی, A synergetic effect of sonication with yolk-shell nanocatalyst for green synthesis of spirooxindoles, *GREEN CHEMISTRY LETTERS AND REVIEWS*, Vol. 14, pp. 344, 2021 05 10, SCOPUS ,JCR.
53. سمیه محمدی,حسین نعیمی, Synthesis of Novel bis-Spirooxindoles Using Triethylamine as a Homogeneous Base Catalyst under Mild Conditions, *ORGANIC PREPARATIONS AND PROCEDURES INTERNATIONAL*, Vol. 53, pp. 25, 2021 05 10, SCOPUS ,JCR.
54. حوریه سادات عبودتیان هرندی,حسین نعیمی,محسن مرادیان, A Br⁻sted acidic ionic liquid anchored to magnetite nanoparticles as a novel recoverable heterogeneous catalyst for the Biginelli reaction, *RSC ADV*, Vol. 11, pp. 7271, 2021 02 11, SCOPUS ,JCR.
55. سمیه محمدی,حسین نعیمی, Synthesis of Novel bis-spirooxindoles Catalyzed by Magnetic Cobalt Ferrite Encapsulated MCM-41@MgO as a Solid Base, *Current Organic Synthesis*, Vol. 18, pp. 214, 2020 12 05, SCOPUS ,JCR.
56. امیرحسین قاسمی,حسین نعیمی, Design, preparation and characterization of aerogel NiO-CuO-CoO/SiO₂ nanocomposite as a reusable catalyst for C-N cross-coupling reaction, *NEW J CHEM*, Vol. 44, pp. 5056, 2020 09 15, JCR.
57. سپیده لاهوتی هره دشت,حسین نعیمی, Chitosan-encapsulated manganese ferrite particles bearing sulfonic acid group catalyzed efficient synthesis of spiro indenoquinolines, *RSC ADV*, Vol. 10, pp. 33334, 2020 08 25, JCR.
58. عاطفه لیموزاده,حسین نعیمی, NiFe₂O₄@SiO₂/PC-Ni(II) as a highly efficient catalyst for microwave promoted one pot synthesis of tetra substituted imidazoles, *J COORD CHEM*, Vol. 73, pp. 1907, 2020 08 04, JCR.
59. سمیه محمدی,حسین نعیمی, A bifunctional Yolk-Shell nanocatalyst with Lewis and organic functional base for the synthesis of spirooxindoles, *APPL CATAL A-GEN*, Vol. 602, pp. 1, 2020 07 25, JCR.
60. محمد مظلوم اردکانی,زهرا علیزاده,فرشته وجه الدین,حسین نعیمی, A Sensing Platform using Ag/Pt Core-shell Nanostructures Supported on Multiwalled Carbon Nanotubes to Detect Hydroxyurea, *ELECTROANAL*, Vol. 32, pp. 1, 2020 06 30, JCR.
61. وجیهه نژادشفیعی دخت,حسین نعیمی,زهرا زهرایی, Efficient synthesis and antibacterial evaluation of some substituted β -hydroxy-1,2,3-triazoles, *Chemical Data Collections*, Vol. 28, pp. 1, 2020 06 04, SCOPUS.

62. Design, preparation, and characterization of Fe₃O₄ nanoparticles encapsulating β -cyclodextrin-bearing guanidine as a highly efficient and reusable heterogeneous base catalyst for synthesis of 3,4-dihydropyrano[3,2-c]chromenes, *APPL ORGANOMET CHEM*, Vol. 6, pp. 1, 2020 05 31, JCR.
63. Functionalized CoFe₂O₄/lamellar mesopore silica anchored to melamine nanocomposite as a novel catalyst for synthesis of 4H-chromenes under mild conditions, *APPL ORGANOMET CHEM*, Vol. 45, pp. 1, 2020 02 29, JCR.
64. Synthesis of 1H-Isochromenes, 4H-Chromenes and Orthoaminocarbonitrile Tetrahydronaphthalenes by CaMgFe₂O₄ Base Nanocatalyst, *Chem Select*, Vol. 5, pp. 2627, 2020 02 29, JCR.
65. An Environment-Friendly Method for Green Synthesis of Pyranopyrazole Derivatives Catalyzed by CoCuFe₂O₄ Magnetic Nanocrystals under Solvent-Free Conditions, *POLYCYCL AROMAT COMP*, Vol. 5, pp. 1, 2020 02 12, JCR.
66. Synthesis of 1H-isochromenes, 4H-chromenes, and orthoaminocarbonitrile tetrahydronaphthalenes from the same reactants by using metal-free catalyst, *J Heterocycl Chem*, Vol. 20, pp. 1, 2019 12 20, JCR.
67. Ultrasound Promoted Synthesis of Benzo[a]pyrano-[2,3-c]phenazines Using Multisulfonic Acid Hyperbranched Polyglycerol Functionalized Graphene Oxide as a Novel and Reusable Catalyst, *POLYCYCL AROMAT COMP*, Vol. 15, pp. 1, 2019 10 09, JCR.
68. Synthesis of 1H-isochromenes, 4H-chromenes, and orthoaminocarbonitrile tetrahydronaphthalenes from the same reactants by using metal-free catalyst, *J Heterocycl Chem*, Vol. 57, pp. 50, 2019 09 25, JCR.
69. Palladium decorated on a new dendritic complex with nitrogen ligation grafted to graphene oxide: fabrication, characterization, and catalytic application, *RSC ADV*, Vol. 9, pp. 27560, 2019 08 23, JCR.
70. Sonochemical synthesis of library benzodiazepines using highly efficient molecular ionic liquid supported on Fe-MCM-41 nanocomposites as a recyclable catalyst, *Applied Organometallic Chemistry*, Vol. 33, pp. 5072, 2019 07 16, JCR.
71. MnFe₂O₄ MNPs Anchored Chitosan-Bu-SO₃H as a Recyclable Nanocatalyst for Sonochemical One Pot Heterocyclization of Indandione with Aniline and Acenaphthoquinone in Aqueous Media, *ORGANIC CHEMISTRY RESEARCH*, Vol. 6, pp. 54, 2019 04 28, ISC.
72. Copper complex of polyglycerol anchored to graphene oxide as a recyclable nanocatalyst for sonochemical green synthesis of naphthoquinones, *CAN J CHEM*, Vol. 97, pp. 728, 2019 04 20, JCR.
73. LaFeO₃ perovskite nanoparticles as high-performance reusable catalyst for convenient synthesis of β -amido ketones under mild conditions, *Research on Chemical Intermediates*, Vol. 45, pp. 3705, 2019 03 29, JCR.
74. Multisulfonate hyperbranched polyglycerol functionalized graphene oxide as an efficient reusable catalyst for green synthesis of benzo[a] pyrano-[2,3-c]phenazines under solvent-free conditions, *RSC ADV*, Vol. 9, pp. 7400, 2019 02 28, JCR.
75. Effect of Confined Spaces in the Catalytic Activity of 1D and 2D Heterogeneous Carbon-Based Catalysts for Synthesis of 1,3,5-Triarylbenzenes: RGO-SO₃H vs. MWCNTs-SO₃H, *ChemistrySelect*, Vol. 4, pp. 1909, 2019 02 11, JCR.
76. وجیهه نژادشفیعی دخت, حسین نعیمی, بهرام گلیایی, بهاره بیگدلی, آرمین صدیقی, صادق دهقانی, علیرضا لطف آبادی, مریم حسینی, مریم سادات نظام طاهری, مسعود امانلو, محمد شریف زاده, مهدی خوبی, Magnetic bio-metal-organic framework nanocomposites decorated with folic acid conjugated chitosan as a promising biocompatible targeted theranostic system for cancer treatment, *MAT SCI ENG C-MATER*, Vol. 99, pp. 805, 2019 02 06, JCR.
77. Functionalized graphene oxide anchored to Ni complex as an effective recyclable heterogeneous catalyst for Sonogashira coupling reactions, *J ORGANOMET CHEM*, Vol.

885,pp. 65,2019 01 28,JCR.

78. نازا، نعیمی، ثریا رحمتی Nano magnetite supported phthalocyanine complexes of Cu(II) and Fe(II) as new heterogeneous effective catalysts for synthesis of α -amido ketones, J COORD CHEM, Vol. 71, pp. 4210, 2019 01 11, JCR.

79. نعیمی، دخت، نژادشفیعی، وجیهه Molecular Ionic Liquid Supported on Mesoporous Silica Nanoparticles-Imprinted Iron Metal: A Recyclable Heterogeneous Catalyst for One-Pot, Three-Component Synthesis of a Library of Benzodiazepines, CURR ORG SYNTH, Vol. 16, pp. 136, 2019 01 10, JCR.

80. نعیمی، فاطمه کیانی، حسین Magnetically thiamine palladium complex nanocomposites as an effective recyclable catalyst for facile sonochemical cross coupling reaction, Applied Organometallic Chemistry, Vol. 33, pp. 4742, 2019 01 05, JCR.

81. نعیمی، فاطمه کیانی، حسین Inorganic-organic hybrid nano magnetic based nickel complex as a novel, efficient and reusable nanocomposite for the synthesis of biphenyl compounds in green condition, POLYHEDRON, Vol. 160, pp. 163, 2018 12 28, JCR.

82. نعیمی، فاطمه کیانی، حسین Hexamethylenetetramine Copper Diiodide Immobilized on Graphene Oxide Nanocomposite as Recyclable Catalyst for Sonochemical Green Synthesis of Diarylethynes, ChemistrySelect, Vol. 3, pp. 13311, 2018 12 14, JCR.

83. نعیمی، مریم فرحناک ضرابی، حسین Sulfonated chitosan encapsulated magnetically Fe₃O₄ nanoparticles as effective and reusable catalyst for ultrasound-promoted rapid, three-component synthesis of spiro-4H-pyrans, Journal of The Iranian Chemical Society, Vol. 15, pp. 2017, 2018 09 11, ISI.

84. نعیمی، مهدی شبنانی نوش آبادی، حسن کریمی ماله، حسین Square wave voltammetric determination of hydrazine and 4-chlorophenol as two important water pollutants using nanostructure-amplified sensor, RES CHEM INTERMEDIAT, Vol. 44, pp. 5389, 2018 09 11, ISI.

85. نعیمی، فاطمه کیانی، محسن مرادیان، حسین Rapid microwave promoted heterocyclization of primary amines with triethyl orthoformate and sodium azide using zinc sulfide nanoparticles as recyclable catalyst, GREEN CHEM LETT REV, Vol. 11, pp. 361, 2018 08 11, ISI.

86. نعیمی، مریم فرحناک ضرابی، حسین Gold nanoparticles supported on thiol-functionalized reduced graphene oxide as effective recyclable catalyst for synthesis of tetrahydro-4H-chromenes in aqueous media, Appl Organometal Chem, Vol. 32, pp. 4225, 2018 07 11, ISI.

87. نعیمی، فاطمه کیانی، حسین Ultrasonic accelerated coupling reaction using magnetically recyclable bis (propyl molononitril) Ni complex nanocatalyst: A novel, green and efficient synthesis of biphenyl derivatives, ULTRASON SONOCHEM, Vol. 48, pp. 267, 2018 06 11, ISI.

88. نعیمی، فاطمه کیانی، حسین Immobilized triazine bis[mercapto amine] complexes of Pd(0) anchored nickel ferrite as a nanocatalyst for C-C coupling reaction, J COORD CHEM, Vol. 71, pp. 1157, 2018 05 11, ISI.

89. نعیمی، مریم فرحناک ضرابی، حسین One pot synthesis of aminonaphthoquinone derivatives using Cu(II) immobilized on hyperbranched polyglycerol functionalized graphene oxide as a reusable catalyst under solvent-free conditions, TETRAHEDRON, Vol. 74, pp. 2314, 2018 05 11, ISI.

90. نعیمی، الهام ذاکرزاده، حسین Efficient microwave-assisted regioselective one pot direct ortho-formylation of phenol derivatives in the presence of nanocrystalline MgO as a solid base catalyst under solvent-free conditions, NEW J CHEM, Vol. 42, pp. 4590, 2018 04 11, ISI.

91. نعیمی، ربیعی فرادنبه خدیجه، حسین Sonocatalyzed Total Synthesis of N,N-Diaryl-formamides Through Oxidation and Hydrolysis Reaction of gem-Dichloroaziridines Using DMSO/H₂O, CURR ORG SYNTH, Vol. 15, pp. 1014, 2018 04 10, JCR.

92. نعیمی، سپیده لاهوتی هره دشت، حسین Magnetic nanoparticles coated with a chitosan anchored Schiff base complex of nickel(II) as an effective, reusable catalyst for one-pot synthesis of spiro lactones, TRANSIT METAL CHEM, Vol. 43, pp. 221, 2018 03 11, ISI.

93. نعیمی، زهرا انصاریان، حسین Effective preparation of amine-functionalized nano magnetite as a precursor of novel solid acid catalyst for one-pot synthesis of xanthenes under solvent-free conditions, J TAIWAN INST CHEM E, Vol. 85, pp. 265, 2018 03 11, ISI.

94. حسين نعيمى, مريم فرحناك ضرابى, A facile one-pot ultrasound-assisted green synthesis of tetrahydrobenzo[b]pyrans catalyzed by gold nanoparticles supported on thiol-functionalized reduced graphene oxide, RES CHEM INTERMEDIAT, Vol. 44, pp. 3227, 2018 02 11, ISI.
95. حسين نعيمى, مهلا داداىبى يزدلى, Microwave Promoted Green Synthesis of Pyrroles Using N-Methyl-2-Pyrrolidonium Hydrogen Sulfate as an Efficient Catalyst Under Solvent-Free Condition, IRAN J SCI TECHNOL A, Vol. 42, pp. 1241, 2018 01 11, ISI.
96. حسين نعيمى, زهرالسادات نظيفى, Facile synthesis of dihydropyrimidinone derivatives via Biginelli reaction using Brønsted acidic ionic liquid [H-NMP]+[CH₃SO₃]- as an efficient homogeneous catalyst, IRANIAN JOURNAL OF CATALYSIS, Vol. 8, pp. 249, 2018 01 05, ISC.
97. وجيهه نژادشفيعى دخت, حسين نعيمى, Nanocomposite copper metal as an efficient heterogeneous catalyst in click synthesis of 1, 2, 3-triazoles in aqueous media, TURK J CHEM, Vol. 41, pp. 700, 2017 11 11, ISI.
98. حسين نعيمى, اعظم كارشناس, Facile preparation and characterization of some novel Schiff base complexes of uranyl(II), nickel(II), and zinc(II) ions, Inorganic and Nano-Metal Chemistry, Vol. 47, pp. 1480, 2017 11 11, ISI.
99. زهرا رشيد, حسين نعيمى, امير حسن زرنانى, فرشته محمدى, رامين قهرمان زاده, Facile fabrication of nickel immobilized on magnetic nanoparticles as an efficient affinity adsorbent for purification of his-tagged protein, MAT SCI ENG C-MATER, Vol. 80, pp. 670, 2017 11 11, ISI.
100. حسين نعيمى, مهلا داداىبى يزدلى, Facile sonochemical heterocyclization of 2,5-dimethoxy tetrahydrofuran with primary amines using sulfonated MWCNTs as a recyclable catalyst in aqueous media, GREEN CHEM LETT REV, Vol. 10, pp. 412, 2017 10 11, ISI.
101. حسين نعيمى, زهرا روزگار, ثريا رحمتى نژاد, Sonocatalyzed facile synthesis of 2-aryl benzoxazoles using MnO₂ nanoparticles as oxidant agent under mild conditions, SYNTHETIC COMMUN, Vol. 47, pp. 2087, 2017 10 11, ISI.
102. مرضيه افضل خواه, سعيد معصوم, محسن بهپور, حسين نعيمى, عادل رئيسى, Experimental and Theoretical Investigation of Inhibition Efficiency of 2-(2-Hydroxyphenyl)-benzothiazole Using Impedance Spectroscopy, Experimental Design, and Quantum Chemical Calculations, IND ENG CHEM RES, Vol. 56, pp. 9035, 2017 08 11, ISI.
103. محسن مراديان, عاطفه امينى, حسين نعيمى, ZnCl₂@MWCNTs nanocomposite as an efficient and reusable catalyst for direct regioselective ortho C-acylation of phenolic compounds under solvent-free and microwave conditions, GREEN CHEM LETT REV, Vol. 10, pp. 228, 2017 06 11, ISI, SCOPUS.
104. حسين نعيمى, زهرا انصاريان, Functionalized polytriazoles on graphene oxide-supported copper(I) complex as an effective reusable catalyst for sonochemical click synthesis of triazoles in aqueous media, INORG CHIM ACTA, Vol. 466, pp. 417, 2017 06 11, ISI, SCOPUS.
105. حسين نعيمى, آسيه ديدار, زهرا رشيد, زهره زهراىبى, Sonochemical synthesis of pyrido[2,3-d:6,5-d']-dipyrimidines catalyzed by [HNMP]+[HSO₄]- and their antimicrobial activity studies, J ANTIBIOT, Vol. 70, pp. 845, 2017 05 11, ISI.
106. حسين نعيمى, زهرا باباىبى قريشوند, Microwave-assisted practical and simple method for heterocyclization of o-phenylenediamine and aldehydes using DDQ as oxidant agent, GREEN CHEM LETT REV, Vol. 10, pp. 129, 2017 04 11, ISI, SCOPUS.
107. حسين نعيمى, آسيه ديدار, Facile one-pot four component synthesis of pyrido[2,3-d:6,5-d']dipyrimidines catalyzed by CuFe₂O₄ magnetic nanoparticles in water, J MOL STRUCT, Vol. 1137, pp. 626, 2017 02 11, ISI, SCOPUS.
108. زهرا رشيد, رامين قهرمان زاده, محمدرضا نژادمقدم, محبوبه نظرى, محمدرضا شكرى, حسين نعيمى, اميرحسن زرنانى, Nickel-Salen supported paramagnetic nanoparticles for 6-His-target recombinant protein affinity purification, J CHROMATOGR A, Vol. 1490, pp. 47, 2017 02 11, ISI, SCOPUS.
109. حسين نعيمى, زهرا روزگار, ثريا رحمتى نژاد, Catalyst-free microwave-promoted one pot synthesis of 2-aryl benzoxazoles using MnO₂ nanoparticles as a convenient oxidant under mild condition, RES CHEM INTERMEDIAT, Vol. 43, pp. 4745, 2017 02 11, ISI, SCOPUS.
110. حسين نعيمى, سبيده لاهوتى هره دشت, Sonochemical one pot synthesis of novel spiroacridines

- catalyzed by magnetically functionalized Fe₃O₄ nanoparticles with chitosan as a reusable effective catalyst, RSC ADV, Vol. 7, pp. 2555, 2017 01 11, ISI, SCOPUS.
111. زهره زهرایی, زهره زهرایی, زاده حسین نعیمی, Metal-free GO-SiPr-SO₃H Nanosheets Catalyzed Ultrasound Promoted One-pot Synthesis of Star-Shape Phenolic Compounds in Water and Study of Their In-vitro Antimicrobial Activities, ChemistrySelect, Vol. 1, pp. 6490, 2016 12 11, ISI, SCOPUS.
112. زهره زهرایی, زهره زهرایی, زاده حسین نعیمی, Synthesis and antioxidant activity of star-shape phenolic antioxidants catalyzed by acidic nanocatalyst based on reduced graphene oxide, MAT SCI ENG C-MATER, Vol. 71, pp. 709, 2016 11 11, ISI.
113. آسپه دیدار, زهره رشید, حسین نعیمی, Microwave-assisted synthesis of pyrido-dipyrimidines using magnetically CuFe₂O₄ nanoparticles as an efficient, reusable, and powerful catalyst in water, Journal of The Iranian Chemical Society, Vol. 14, pp. 377, 2016 10 11, ISI, SCOPUS.
114. آرش حیدر نژاد, حسین نعیمی, Efficient and facile protocol for one-pot synthesis of 2-amino-substituted benzothiazoles catalyzed by nano-BF₃/SiO₂ under mild conditions, RES CHEM INTERMEDIAT, Vol. 42, pp. 7855, 2016 09 11, ISI, SCOPUS.
115. رحله شعبانی, حسین نعیمی, Preparation and characterization of functionalized graphene oxide Cu (I) complex: A facile and reusable nanocatalyst for microwave assisted heterocyclization of alkyl halides with alkynes and sodium azide, CATAL COMMUN, Vol. 87, pp. 6, 2016 09 11, ISI, SCOPUS.
116. زهره السادات نظیفی, حسین نعیمی, Convenient and Mild Template Synthesis and Characterization of Some New Schiff Base Complexes of Uranyl (II), NATL ACAD SCI LETT, Vol. 39, pp. 191, 2016 09 11, ISI, SCOPUS.
117. ثریا رحمتی نژاد, حسین نعیمی, Convenient Ultrasound Promoted Synthesis of 2-Aryl Benzoxazoles in the Presence of KCN/ Ionic Liquid as an Efficient Catalyst under Mild Conditions, POLYCYCL AROMAT COMP, Vol. 36, pp. 773, 2016 09 11, ISI, SCOPUS.
118. خدیجه ربیعی, حسین نعیمی, Microwave-promoted total synthesis of N-(α -hydroxybenzyl)formamides using DMSO/H₂O under neutral conditions, GREEN CHEM LETT REV, Vol. 9, pp. 44, 2016 08 11, ISI, SCOPUS.
119. وجیهه نژادشفیعی دخت, محمد رضا اسلامی, Iron (III)-doped, ionic liquid matrix-immobilized, mesoporous silica nanoparticles: Application as recyclable catalyst for synthesis of pyrimidines in water, MICROPOR MESOPOR MAT, Vol. 227, pp. 23, 2016 08 11, ISI, SCOPUS.
120. زهره رشید, حسین نعیمی, امیر حسن زرنانی, محبوبه نظری, محمد رضا نژاد مقدم, رامین قهرمانزاده, Fast and highly efficient purification of 6x-histidine-tagged recombinant proteins by Ni-decorated MnFe₂O₄@SiO₂@NH₂@2AB as novel and efficient affinity adsorbent magnetic nanoparticles, RSC ADV, Vol. 6, pp. 36840, 2016 08 11, ISI, SCOPUS.
121. وجیهه نژادشفیعی دخت, محمد رضا اسلامی, Designable Metal/PMO Nanocomposite and Preparation by a Surface Imprinting Technique Combined with a Sol-Gel Process for Catalytic Click Reaction, B CHEM SOC JPN, Vol. 89, pp. 212, 2016 07 11, ISI, SCOPUS.
122. زهره رشید, حسین نعیمی, خدیجه ربیعی, Nano-MgO as a Solid Base Heterogeneous Nanocatalyst for One Pot Three Component Preparation of Schiff Bases Under Solvent Free Conditions, CURR ORG CHEM, Vol. 20, pp. 316, 2016 06 11, ISI, SCOPUS.
123. فریبا نظری سرنجه, پیمان هاشمی, حسین نعیمی, الهام ذاکر زاده, علیرضا قیاسوند, Spherical agarose-coated magnetic nanoparticles functionalized with a new salen for magnetic solid-phase extraction of uranyl ion, MICROCHIM ACTA, Vol. 183, pp. 2449, 2016 06 11, ISI, SCOPUS.
124. درسا آفاسید کریمی, حسین نعیمی, Ionophore silica-coated magnetite nanoparticles as a recyclable heterogeneous catalyst for one-pot green synthesis of 2,4,5-trisubstituted imidazoles, DALTON T, Vol. 45, pp. 1243, 2016 05 11, ISI, SCOPUS.
125. ثریا رحمتی نژاد, حسین نعیمی, Microwave Assisted Synthesis of Two-Substituted Benzoxazoles in the Presence of Potassium Cyanide Under Mild Conditions, SYNTH REACT INORG M, Vol. 46, pp. 471, 2016 05 11, ISI, SCOPUS.
126. رحله شعبانی, حسین نعیمی, Ultrasound promoted facile one pot synthesis of triazole derivatives catalyzed by functionalized graphene oxide Cu(I) complex under mild conditions, ULTRASON

SONOCHEM, Vol. 34, pp. 246, 2016 05 11, ISI, SCOPUS.

127. Bargellini condensation of ninhydrin as a ketone and substituted anilines as nucleophiles, RAMIN QERMAN ZADEH, HOSSEIN NEIMI, NEW J CHEM, Vol. 40, pp. 1962, 2016 04 11, ISI, SCOPUS.

128. Facile three-component preparation of benzodiazepine derivatives catalyzed by zinc sulfide nanoparticles via grinding method, HOSSEIN NEIMI, HOSSEIN FROUGHI, RES CHEM INTERMEDIAT, Vol. 42, pp. 3999, 2016 04 11, ISI, SCOPUS.

129. Facile one-pot synthesis of 2-arylbenzothiazoles catalyzed by H₃PO₄/TiO₂-ZrO₂ (1/1) under solvent-free conditions, HOSSEIN NEIMI, ARSH HIDRATZAD, SYNTHETIC COMMUN, Vol. 46, pp. 594, 2016 03 11, ISI, SCOPUS.

130. Synthesis of potential antioxidants by synergy of ultrasound and acidic nanosheets as catalyst in water, HOSSEIN NEIMI, MOHSEN GILKSTAN ZADEH, ZEHRA ZEHRAI, INT J BIOL MACROMOL, Vol. 83, pp. 345, 2016 02 11, ISI.

131. Efficient sonochemical green reaction of aldehyde, thiobarbituric acid and ammonium acetate using magnetically recyclable nanocatalyst in water, HOSSEIN NEIMI, ASYEB DIDAR, ULTRASON SONOCHEM, Vol. 34, pp. 889, 2016 02 11, ISI, SCOPUS.

132. A mild convenient ultrasound assisted synthesis of 2-aryl benzoxazoles catalyzed by KCN/MWCNT as an efficient heterogeneous nanocatalyst, HOSSEIN NEIMI, THRIA RHMATI, ZEHRA AL-SADAT NAIFY, J TAIWAN INST CHEM E, Vol. 58, pp. 1, 2016 01 11, ISI, SCOPUS.

133. Facile and Mild Synthesis and Characterization of Some New Diazo Dyes on the Basis of Schiff Bases in the Presence of Nanocrystalline Magnesium Oxide as a Base Catalyst under Solvent-free Conditions, HOSSEIN NEIMI, ZEHRA RASHID, KHADIJEH RAYE, J CHIN CHEM SOC-TAIP, Vol. 62, pp. 951, 2015 11 11, ISI, SCOPUS.

134. Fe₃O₄@SiO₂·HM·SO₃H as a recyclable heterogeneous nanocatalyst for the microwave-promoted synthesis of 2,4,5-trisubstituted imidazoles under solvent free conditions, HOSSEIN NEIMI, DRSAA AKAASIDKARIMI, NEW J CHEM, Vol. 39, pp. 9415, 2015 09 11, ISI, SCOPUS.

135. Functionalized multi-walled carbon nanotubes as an efficient reusable heterogeneous catalyst for green synthesis of N-substituted pyrroles in water, HOSSEIN NEIMI, MEHRA DADABI YZDLY, RSC ADV, Vol. 5, pp. 76221, 2015 09 11, ISI, SCOPUS.

136. MnO₂ Nanoparticles as Efficient Oxidant for Ultrasound-Assisted Synthesis of 2-substituted Benzimidazoles under Mild Conditions, HOSSEIN NEIMI, ZEHRA BABAYI QRESHOND, POLYCYCL AROMAT COMP, Vol. 36, pp. 490, 2015 09 11, ISI, SCOPUS.

137. Uranyl Schiff base complexes as new heterogeneous catalysts for halogen exchange reactions between alkyl halides and elemental halogens, HOSSEIN NEIMI, ZEHRA AL-SADAT NAIFY, RUSS CHEM B+, Vol. 64, pp. 1814, 2015 08 11, ISI, SCOPUS.

138. Facile and efficient sonochemical synthesis of 1,4-disubstituted 1,2,3-triazole derivatives catalyzed by CuI under mild conditions, HOSSEIN NEIMI, SMIRA DADASH ZADEH MEHMANDOST, MOHSEN MRADIAN, RES CHEM INTERMEDIAT, Vol. 41, pp. 2687, 2015 06 11, ISI, SCOPUS.

139. Ultrasound-promoted one-pot three component synthesis of tetrazoles catalyzed by zinc sulfide nanoparticles as a recyclable heterogeneous catalyst, HOSSEIN NEIMI, FATME KIYANI QLEH SARDI, ULTRASON SONOCHEM, Vol. 27, pp. 408, 2015 06 11, ISI, SCOPUS.

140. Preparation of Fe₃O₄ encapsulated-silica sulfonic acid nanoparticles and study of their in vitro antimicrobial activity, HOSSEIN NEIMI, ZEHRA AL-SADAT NAIFY, SADEH MATIN AMINI, ZAD, J PHOTOCH PHOTOBIO B, Vol. 149, pp. 180, 2015 06 11, ISI, SCOPUS.

141. Efficient, environmentally benign, one-pot procedure for the synthesis of 1,5-benzodiazepine derivatives using N-methyl-2-pyrrolidonium hydrogen sulphate as an ionic liquid catalyst under solvent-free conditions, HOSSEIN NEIMI, HOSSEIN FROUGHI, CHINESE J CATAL, Vol. 36, pp. 734, 2015 05 11, ISI, SCOPUS.

142. Copper@PMO nanocomposites as a novel reusable heterogeneous catalyst for microwave assisted green synthesis of 4-hydroxy-1,2,3-triazoles through experimental design protocol, HOSSEIN NEIMI, WAGHIEH ZADASHFAYEHI, SADEH MEVSOM, APPL ORGANOMET CHEM, Vol. 29, pp. 314, 2015 03 11, ISI, SCOPUS.

143. Nanocrystalline magnesium oxide as solid base catalyst in the presence of iodine promoted one-pot synthesis of 2-substituted benzimidazole derivatives under mild conditions, *J EXP NANOSCI*, Vol. 10, pp. 222, 2015 03 11, ISI , SCOPUS.
144. Highly efficient copper-imprinted functionalized mesoporous organosilica nanocomposites as a recyclable catalyst for click synthesis of 1,2,3- triazole derivatives under ultrasound irradiation: multivariate study by factorial design of experiments, *RSC ADV*, Vol. 5, pp. 15006, 2015 02 11, ISI , SCOPUS.
145. Efficient and Mild Synthesis of Novel Diazo Dyes through Coupling Reaction of Schiff Base Diazonium Salts with α -naphthol, *POLYCYCL AROMAT COMP*, Vol. 35, pp. 457, 2015 02 11, ISI , SCOPUS.
146. Facile, mild and convenient preparation and characterization of some novel Schiff base ligands from synthetic diamines and salicylaldehyde, *BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA*, Vol. 29, pp. 117, 2015 01 11, ISI , SCOPUS.
147. Ultrasonic assisted synthesis of gem-dichloroaziridine derivatives using Mg/CCl₄ under neutral conditions, *ULTRASON SONOCHEM*, Vol. 24, pp. 150, 2015 01 11, ISI , SCOPUS.
148. Microwave-assisted synthesis of 6,6'-(aryl(alkyl)methylene)bis(2,4-dialkylphenol) antioxidants catalyzed by multi-sulfonated reduced graphene oxide nanosheets in water, *NEW J CHEM*, Vol. 39, pp. 2694, 2015 01 11, ISI , SCOPUS.
149. A Mild and Simple One-pot Synthesis of 2-Substituted Benzimidazole Derivatives Using DDQ as an Efficient Oxidant at Room Temperature, *J CHIN CHEM SOC-TAIP*, Vol. 62, pp. 41, 2015 01 11, ISI , SCOPUS.
150. Rapid One Pot Synthesis of Benzoimidazoles Using MnO₂ Nanoparticles Supported on Silica as Efficient Oxidant Agent under Solvent-Free Conditions, *LETT ORG CHEM*, Vol. 12, pp. 311, 2015 01 11, ISI , SCOPUS.
151. Electrochemical determination of captopril in the presence of acetaminophen, tryptophan, folic acid, and L-cysteine at the surface of modified carbon nanotube paste electrode, *IONICS*, Vol. 21, pp. 239, 2015 01 11, ISI , SCOPUS.
152. ZnS nanoparticles as an efficient recyclable heterogeneous catalyst for one-pot synthesis of 4-substituted-1,5-benzodiazepines, *NEW J CHEM*, Vol. 39, pp. 1228, 2014 12 11, ISI , SCOPUS.
153. A rapid and high efficient microwave promoted multicomponent domino reaction for the synthesis of spirooxindole derivatives, *J IND ENG CHEM*, Vol. 20, pp. 4076, 2014 11 11, ISI , SCOPUS.
154. Highly sulfonated graphene and graphene oxide nanosheets as heterogeneous nanocatalysts in green synthesis of bisphenolic antioxidants under solvent free conditions, *RSC ADV*, Vol. 4, pp. 56475, 2014 10 11, ISI , SCOPUS.
155. Manganese ferrite nanoparticle catalyzed tandem and green synthesis of spirooxindoles, *RSC ADV*, Vol. 4, pp. 43661, 2014 10 11, ISI , SCOPUS.
156. ZnS nanoparticles as an efficient and reusable heterogeneous catalyst for synthesis of 1-substituted 1H-tetrazoles under solvent-free conditions, *J NANOPART RES*, Vol. 16, pp. 1, 2014 09 11, ISI , SCOPUS , PubMed.
157. Inorganic-organic hybrid silica based tin complex as a novel, highly efficient and recyclable heterogeneous catalyst for the one-pot preparation of spirooxindoles in water, *DALTON T*, Vol. 43, pp. 15791, 2014 09 11, ISI , SCOPUS.
158. MnFe₂O₄@NH₂@2AB-Ni: a novel, highly active, stable and magnetically recoverable nanocatalyst and use of this heterogeneous catalyst in green synthesis of spirooxindoles in water, *NEW J CHEM*, Vol. 38, pp. 5527, 2014 09 11, ISI , SCOPUS.
159. Efficient synthesis of novel spiro-furo-pyridopyrimidine-indolines by manganese ferrite nanoparticles as a highly active magnetically reusable

- nanocatalyst in water, *NEW J CHEM*, Vol. 38, pp. 348, 2014 08 11, ISI , SCOPUS.
160. *Facile and Efficient One-Pot Synthesis of Anthraquinones from Benzene Derivatives Catalyzed by Silica Sulfuric Acid*, *POLYCYCL AROMAT COMP*, Vol. 34, pp. 504, 2014 08 11, ISI , SCOPUS.
161. *Efficient one-pot click synthesis of α -hydroxy-1,2,3-triazoles catalyzed by copper(I)@phosphorated SiO₂ via multicomponent reaction in aqueous media*, *NEW J CHEM*, Vol. 38, pp. 5429, 2014 08 11, ISI , SCOPUS.
162. *An efficient and one-pot reductive cyclization for synthesis of 2-substituted benzimidazoles from o-nitroaniline under microwave conditions*, *J IND ENG CHEM*, Vol. 20, pp. 2543, 2014 07 11, ISI , SCOPUS.
163. *Sulfonic acid-functionalized silica-coated magnetic nanoparticles as an efficient reusable catalyst for the synthesis of 1-substituted 1H-tetrazoles under solvent-free conditions*, *DALTON T*, Vol. 43, pp. 12967, 2014 07 11, ISI , SCOPUS.
164. *Sulfonated diatomite as heterogeneous acidic nanoporous catalyst for synthesis of 14-aryl-14-H-dibenzo[a,j]xanthenes under green conditions*, *APPL CATAL A-GEN*, Vol. 477, pp. 132, 2014 06 11, ISI , SCOPUS.
165. *Efficient and facile catalyst-free one pot synthesis and characterization of some novel bis(2-benzothiazole) derivatives*, *J HETEROCYCLIC CHEM*, Vol. 51, pp. 566, 2014 05 11, ISI , SCOPUS.
166. *Titanium Tetrabutoxide (TTBO) as Efficient Catalyst for Rapid One Pot Synthesis of 2-Arylbenzothiazoles under Mild Conditions*, *J CHIN CHEM SOC-TAIP*, Vol. 61, pp. 1004, 2014 05 11, ISI , SCOPUS.
167. *Synthesis of 2-arylbenzothiazoles using nano BF₃/SiO₂ as a reusable and efficient heterogeneous catalyst under mild conditions*, *J SULFUR CHEM*, Vol. 35, pp. 493, 2014 05 11, ISI , SCOPUS.
168. *Nanocrystalline magnesium oxide: an efficient promoter and heterogeneous nano catalyst for the one-pot synthesis of pyrazolotriazoles in green medium*, *J NANOPART RES*, Vol. 16, pp. 1, 2014 04 11, ISI , SCOPUS.
169. *Simultaneous determination of the concentrations of isoproterenol, uric acid, and folic acid in solution using a novel nanostructure-based electrochemical sensor*, *CHINESE J CATAL*, Vol. 35, pp. 565, 2014 04 11, ISI , SCOPUS.
170. *Thioether-based copper (I) Schiff base complex as a catalyst for a direct and asymmetric A³-coupling reaction*, *TETRAHEDRON-ASYMMETR*, Vol. 25, pp. 429, 2014 03 11, ISI , SCOPUS , PubMed.
171. *Simultaneous Determination of Isoproterenol, Acetaminophen and Folic Acid Using a Novel Nanostructure-Based Electrochemical Sensor*, *ELECTROANAL*, Vol. 26, pp. 275, 2014 02 11, ISI , SCOPUS , PubMed.
172. *Highly Active Magnetically Separable CuFe₂O₄ Nanocatalyst: An Efficient Catalyst for the Green Synthesis of Tetrahydrofuro[3,4-b]quinoline-1,8(3H,4H) Dione Derivatives*, *Journal of The Iranian Chemical Society*, Vol. 11, pp. 1407, 2014 02 11, ISI , SCOPUS , ISC.
173. *A facile one-pot ultrasound assisted for an efficient synthesis of 1H-spiro[furo[3,4-b]pyridine-4,30-indoline]-3-carbonitriles*, *ULTRASON SONOCHEM*, Vol. 21, pp. 1451, 2014 02 11, ISI , SCOPUS.
174. *Facile and mild synthesis of 1-substituted-1H-1,2,3,4-tetrazoles catalyzed by methanesulfonic acid under solvent-free conditions*, *Iranian Journal of Catalysis*, Vol. 3, pp. 243, 2013 12 11, ISC , SID.
175. *Microwave assisted chemistry: A rapid and regioselective route for direct ortho-acylation of phenols and naphthols by methanesulfonic acid as catalyst*, *ARAB J CHEM*, Vol. 2013, pp. 1, 2013 10 11, ISI , SCOPUS.

176. Zadeh, Ramin, Zarnani, Amirhossein, Zehra, Reza, An Efficient One-Pot Multicomponent Synthesis of 4-Aza-Podophyllotoxin Derivatives in Ionic Liquid, *E-J CHEM*, Vol. 2013, pp. 1, 2013 10 11, ISI, SCOPUS.
177. Naseri, S., Mousavi, M., Mousavi, M., Mousavi, M., Corrosion inhibition of mild steel in hydrochloric acid solution by some double Schiff bases, *Corrosion Science*, Vol. 52, pp. 1351, 2009 12 05, SCOPUS, JCR.
178. Zehra, Reza, Anvari, Hossein, Immobilized polytriazole complexes of copper(I) onto graphene oxide as a recyclable nanocatalyst for synthesis of triazoles, *APPL ORGANOMET CHEM*, 0000 00 11, ISI, SCOPUS.
179. Mousavi, Mousavi, Mousavi, Mousavi, Functionalized graphene oxide supported copper (I) complex as effective and recyclable nanocatalyst for one-pot three component synthesis of 1,2,3-triazoles, *APPL ORGANOMET CHEM*, 0000 00 11, ISI, SCOPUS.
180. Zehra, Reza, Anvari, Hossein, Immobilized polytriazole complexes of copper(I) onto graphene oxide as a recyclable nanocatalyst for synthesis of triazoles, *APPL ORGANOMET CHEM*, 0000 00 11, ISI, SCOPUS.
181. Nazari, M., Nazari, M., Nazari, M., Nazari, M., Design, preparation and characterization of novel magnetic yolk-shell NiFe₂O₄ as a reusable heterogeneous catalyst for the synthesis of benzopyran derivatives, *Polycyclic aromatic compounds*, 0000 00 00, SCOPUS, JCR.
182. Nazari, M., Nazari, M., Nazari, M., Nazari, M., Design, preparation and characterization of novel magnetic yolk-shell NiFe₂O₄ as a reusable heterogeneous catalyst for the synthesis of benzopyran derivatives, *Polycyclic aromatic compounds*, 0000 00 00, SCOPUS, JCR.
183. Nazari, M., Nazari, M., Nazari, M., Nazari, M., Design, preparation and characterization of novel magnetic yolk-shell NiFe₂O₄ as a reusable heterogeneous catalyst for the synthesis of benzopyran derivatives, *Polycyclic aromatic compounds*, 0000 00 00, SCOPUS, JCR.