

Zahra Khorsandi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

578
citations

623188

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h-index

610482

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26
all docs

26
docs citations

26
times ranked

523
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Pd/Cu-free Heck and Sonogashira cross-coupling reaction by Co nanoparticles immobilized on magnetic chitosan as reusable catalyst. <i>Green Chemistry</i> , 2017, 19, 1353-1361. | 4.6 | 114 |
| 2 | Multi walled carbon nanotubes supported N-heterocyclic carbene-cobalt (TM) as a novel, efficient and inexpensive catalyst for the Mizoroki-Heck reaction. <i>Catalysis Communications</i> , 2016, 77, 1-4. | 1.6 | 53 |
| 3 | Magnetic iron oxide nanoparticles-N-heterocyclic carbene-palladium(II): a new, efficient and robust recyclable catalyst for Mizoroki-Heck and Suzuki-Miyaura coupling reactions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 590-595. | 1.7 | 48 |
| 4 | Green, efficient and large-scale synthesis of benzimidazoles, benzoxazoles and benzothiazoles derivatives using ligand-free cobalt-nanoparticles: as potential anti-estrogen breast cancer agents, and study of their interactions with estrogen receptor by molecular docking. <i>RSC Advances</i> , 2015, 5, 107822-107828. | 1.7 | 33 |
| 5 | Pd nanoparticles immobilized on magnetic chitosan as a novel reusable catalyst for green Heck and Suzuki cross-coupling reaction: In water at room temperature. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4112. | 1.7 | 33 |
| 6 | Cobalt nanoparticles supported on ionic liquid-functionalized multiwall carbon nanotubes as an efficient and recyclable catalyst for Heck reaction. <i>Applied Organometallic Chemistry</i> , 2015, 29, 805-808. | 1.7 | 32 |
| 7 | A comparative study of the catalytic activity of Co- and CoFe ₂ O ₄ -NPs in C-N and C-O bond formation: synthesis of benzimidazoles and benzoxazoles from o-haloanilides. <i>New Journal of Chemistry</i> , 2016, 40, 10474-10481. | 1.4 | 31 |
| 8 | Immobilized Pd on (S)-methyl histidinate-modified multi-walled carbon nanotubes: a powerful and recyclable catalyst for Mizoroki-Heck and Suzuki-Miyaura C-C cross-coupling reactions in green solvents and under mild conditions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 256-261. | 1.7 | 30 |
| 9 | Regioselective Heck reaction catalyzed by Pd nanoparticles immobilized on DNA-modified MWCNTs. <i>RSC Advances</i> , 2016, 6, 59124-59130. | 1.7 | 26 |
| 10 | Copper immobilized on magnetite nanoparticles coated with ascorbic acid: An efficient and reusable catalyst for C-N and C-O cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3769. | 1.7 | 26 |
| 11 | A Pd/Cu-Free magnetic cobalt catalyst for C-N cross coupling reactions: synthesis of abemaciclib and fedratinib. <i>Green Chemistry</i> , 2021, 23, 5222-5229. | 4.6 | 24 |
| 12 | Application of Immobilized Proline on CNTs and Proline Ionic Liquid as Novel Organocatalysts in the Synthesis of 2-Amino-4-H-pyran Derivatives: A Comparative Study between Their Catalytic Activities. <i>ChemistrySelect</i> , 2017, 2, 8976-8982. | 0.7 | 17 |
| 13 | Pd/Cu-free Heck and Sonogashira coupling reactions applying cobalt nanoparticles supported on multifunctional porous organic hybrid. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5398. | 1.7 | 17 |
| 14 | In situ synthesis of carbon nanotube-encapsulated cobalt nanoparticles by a novel and simple chemical treatment process: efficient and green catalysts for the Heck reaction. <i>New Journal of Chemistry</i> , 2019, 43, 8215-8219. | 1.4 | 16 |
| 15 | Cobalt-Catalyzed Three-Component Synthesis of Propargylamine Derivatives and Sonogashira Reaction: A Comparative Study between Co-NPs and Co-NHC@MWCNTs. <i>ChemistrySelect</i> , 2019, 4, 4598-4603. | 0.7 | 13 |
| 16 | Pd/Cu-Free Heck and C-N Coupling Reactions Using Two Modified Magnetic Chitosan Cobalt Catalysts: Efficient, Inexpensive and Green Heterogeneous Catalysts. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2163-2171. | 1.9 | 13 |
| 17 | Cobalt-catalyzed C-H activation/C-O formation: Synthesis of benzofuranones. <i>Tetrahedron Letters</i> , 2020, 61, 151396. | 0.7 | 8 |
| 18 | Design and synthesis of novel phe-phe hydroxyethylene derivatives as potential coronavirus main protease inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 7940-7948. | 2.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Sustainable Visible Light-Driven Heck and Suzuki Reactions Using NiCu Nanoparticles Adorned on Carbon Nano-onions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14061-14069. | 3.2 | 8 |
| 20 | Copper nanoparticles supported on polyaniline- π -functionalized multiwall carbon nanotubes: An efficient and recyclable catalyst for synthesis of unsymmetric sulfides using potassium ethyl xanthogenate in water. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3697. | 1.7 | 5 |
| 21 | A Comparative Study between Co- and CoFe ₂ O ₄ α -NPs Catalytic Activities in Synthesis of Flavone Derivatives; Study of Their Interactions with Estrogen Receptor by Molecular Docking. <i>ChemistrySelect</i> , 2018, 3, 6279-6285. | 0.7 | 5 |
| 22 | Pd/Cu-Free Cobalt-Catalyzed Suzuki and Heck Using Green Bio-Magnetic Hybrid and DFT-Based Theoretical Study. <i>Catalysis Letters</i> , 2021, 151, 2842-2850. | 1.4 | 5 |
| 23 | Sustainable synthesis of potential antitumor new derivatives of Abemaciclib and Fedratinib via C-N cross coupling reactions using Pd/Cu-free Co-catalyst. <i>Molecular Catalysis</i> , 2022, 517, 112011. | 1.0 | 5 |
| 24 | Visible light-driven direct synthesis of ketones from aldehydes via C-H bond activation using NiCu nanoparticles adorned on carbon nano onions. <i>Molecular Catalysis</i> , 2021, 516, 111987. | 1.0 | 4 |
| 25 | An efficient and inexpensive visible light photoredox copper catalyst for N ⁺ -N bond-forming reactions: the one-pot synthesis of indazolo[2,3- <i>b</i>]quinolines. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 981-986. | 1.2 | 2 |
| 26 | Synthesis of benzimidazoles by two methods (C-H functionalization and condensation reaction) catalyzed by μ -zirconium hydrogen phosphate-based nanocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1919-1931. | 1.2 | 2 |