

# Zahra Khorsandi

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

578  
citations

623188

14  
h-index

610482

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

523  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	A Pd/Cu-Free magnetic cobalt catalyst for C <sup>≡</sup> N cross coupling reactions: synthesis of abemaciclib and fedratinib. <i>Green Chemistry</i> , 2021, 23, 5222-5229.	4.6	24
5	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
6	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
7	Cobalt-catalyzed C-H activation/C-O formation: Synthesis of benzofuranones. <i>Tetrahedron Letters</i> , 2020, 61, 151396.	0.7	8
8	Synthesis of benzimidazoles by two methods (C-H functionalization and condensation reaction) catalyzed by $\mu$ -zirconium hydrogen phosphate-based nanocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1919-1931.	1.2	2
9	Pd/Cu-Free Heck and C <sup>≡</sup> 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
10	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
11	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
12	<i>In situ</i> 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
13	An efficient and inexpensive visible light photoredox copper catalyst for N <sup>≡</sup> 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
14	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
15	A Comparative Study between Co and CoFe <sub>2</sub> O <sub>4</sub> 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
16	Copper nanoparticles supported on polyaniline-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
17	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
18	Copper immobilized on magnetite nanoparticles coated with ascorbic acid: An efficient and reusable catalyst for C <sup>≡</sup> N and C <sup>≡</sup> O cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3769.	1.7	26

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19	Application of Immobilized Proline on CNTs and Proline Ionic Liquid as Novel Organocatalysts in the Synthesis of 2-Amino-4 <i>H</i> -pyran Derivatives: A Comparative Study between Their Catalytic Activities. <i>ChemistrySelect</i> , 2017, 2, 8976-8982.	0.7	17
20	Magnetic iron oxide nanoparticlesâ€“Nâ€“heterocyclic carbeneâ€“palladium(II): a new, efficient and robust recyclable catalyst for Mizorokiâ€“Heck and Suzukiâ€“Miyaura Câ€“C crossâ€“coupling reactions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 590-595.	1.7	48
21	Immobilized Pd on ( <i>S</i> )â€“methyl histidinateâ€“modified multiâ€“walled carbon nanotubes: a powerful and recyclable catalyst for Mizorokiâ€“Heck and Suzukiâ€“Miyaura Câ€“C crossâ€“coupling reactions in green solvents and under mild conditions. <i>Applied Organometallic Chemistry</i> , 2016, 30, 256-261.	1.7	30
22	A comparative study of the catalytic activity of Co- and CoFe <sub>2</sub> O <sub>4</sub> -NPs in Câ€“N and Câ€“O bond formation: synthesis of benzimidazoles and benzoxazoles from o-haloanilides. <i>New Journal of Chemistry</i> , 2016, 40, 10474-10481.	1.4	31
23	Regioselective Heck reaction catalyzed by Pd nanoparticles immobilized on DNA-modified MWCNTs. <i>RSC Advances</i> , 2016, 6, 59124-59130.	1.7	26
24	Multi walled carbon nanotubes supported N-heterocyclic carbeneâ€“cobalt (TM) as a novel, efficient and inexpensive catalyst for the Mizorokiâ€“Heck reaction. <i>Catalysis Communications</i> , 2016, 77, 1-4.	1.6	53
25	Cobalt nanoparticles supported on ionic liquidâ€“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
26	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