

Majid Mohammadnia

List of Publications by Year in descending order

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16
papers

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#	ARTICLE	IF	CITATIONS
1	Preparation and Characterization of a Novel Magnetic Nano Catalyst for Synthesis and Antibacterial Activities of Novel Furan-2(5 <i>H</i>)-Ones Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4255-4269.	2.6	4
2	Tuning the HOMO and LUMO energy levels of dye sensitizers with electron-accepting capability and electron-drawing capability of substituents to optimize the efficiency of dye-sensitized solar cells: Approach of theoretical. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109522.	3.9	0
3	Preparation and characterization of Pd supported on 5-carboxyoxindole functionalized cell@Fe ₃ O ₄ nanoparticles as a novel magnetic catalyst for the Heck reaction. <i>Nanoscale Advances</i> , 2021, 3, 1917-1926.	4.6	9
4	Preparation of a novel, efficient, and recyclable magnetic catalyst, Cu(II)-OHPC-Fe ₃ O ₄ nanoparticles, and a solvent-free protocol for the synthesis of coumarin derivatives. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2327-2343.	2.2	7
5	Preparation and characterization of Cu based on 2-(5-Aminopyrimidin-2-yl)pyrimidin-5-amine as novel recyclable metal-organic frameworks for Suzuki reaction. <i>Inorganic Chemistry Communication</i> , 2021, , 109078.	3.9	7
6	Pd based on 2-Aminopyrimidine and 1 <i>H</i> -benzo[<i>d</i>]imidazol-2-amine functionalized Fe ₃ O ₄ nanoparticles as novel recyclable magnetic nanocatalysts for Ullmann coupling reaction. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5708.	3.5	15
7	Preparation and characterization of Cu supported on 2-(1 <i>H</i> -benzo[<i>d</i>]imidazol-2-yl)aniline functionalized Fe ₃ O ₄ nanoparticles as a novel magnetic catalyst for Ullmann and Suzuki cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5820.	3.5	20
8	Preparation and characterization of sulfamic acid pyridinium chloride-functionalized Fe ₃ O ₄ nanoparticles as a novel magnetic catalyst for synthesis of novel N-coumarin-2-furanones. <i>Research on Chemical Intermediates</i> , 2017, 43, 7193-7209.	2.7	21
9	Synthesis and characterization of pyridine-4-carboxylic acid-functionalized Fe ₃ O ₄ nanoparticles as a magnetic catalyst for the synthesis of tetrahydrobenzo[<i>b</i>]pyran derivatives under solvent-free conditions. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 1004-1011.	1.6	16
10	Synthesis and characterization of pyridine-4-carboxylic acid functionalized Fe ₃ O ₄ nanoparticles as a magnetic catalyst for synthesis of pyrano[3,2- <i>b</i>]pyranone derivatives under solvent-free conditions. <i>Research on Chemical Intermediates</i> , 2016, 42, 1899-1911.	2.7	20
11	Mild preparation of 2-amino-3-cyano-4-aryl-4 <i>H</i> -benzo[<i>h</i>]chromenes and 2-amino-3-cyano-1-aryl-1 <i>H</i> -benzo[<i>f</i>]chromenes, under solvent-free conditions, catalyzed by recyclable basic ionic liquids. <i>Research on Chemical Intermediates</i> , 2015, 41, 1301-1313.	2.7	20
12	Mild preparation of 1 <i>H</i> -pyrazolo[1,2- <i>b</i>]phthalazine-5,10-dione derivatives with magnetic Fe ₃ O ₄ nanoparticles coated by (3-aminopropyl)-triethoxysilane as catalyst under ambient and solvent-free conditions. <i>Research on Chemical Intermediates</i> , 2014, 40, 371-383.	2.7	36
13	Nanocrystalline TiO ₂ -HClO ₄ catalyzed three-component preparation of derivatives of 1-amidoalkyl-2-naphthol, 1-carbamato-alkyl-2-naphthol, 1-(\pm -aminoalkyl)-2-naphthol, and 12-aryl-8,9,10,12-tetrahydrobenzo[<i>a</i>]-xanthen-11-one. <i>Research on Chemical Intermediates</i> , 2013, 39, 4221-4237.	2.7	21
14	Nano-TiO ₂ : An Eco-Friendly and Clean Reusable Heterogeneous Catalyst for Preparation of \pm -Aminophosphonates Under Ambient and Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 850-854.	1.6	16
15	Preparation and Characterization of <i>p</i> -Phenylenediamine Supported on Nanocellulose (PDA@CNC) as Novel Recyclable Nano Catalyst for Synthesis of Spiropyran Oxide Derivatives. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-11.	2.6	3
16	Synthesis and characterization of Pd supported on methane diamine (propyl silane) functionalized Fe ₃ O ₄ nanoparticles as a magnetic catalyst for synthesis of \pm -aminonitriles and 2-methoxy-2-phenylacetonitrile derivative via Strecker-type reaction under ambient and solvent-free conditions. <i>Inorganic and Nano-Metal Chemistry</i> , 0, , 1-15.	1.6	3