Mohammad Ali Bodaghifard

List of Publications by Year
in descending order

34 papers	513 citations	759233 12 h-index	752698 20 g-index
34 all docs	34 docs citations	34 times ranked	434 citing authors

#	Article	IF	Citations
1	Functionalized Mesoporous MCM-41 as a Hybrid Catalyst for the Efficient Synthesis of Chromene and Mono/Bis Phthalazine-Trione Derivatives. Polycyclic Aromatic Compounds, 2023, 43, 242-255.	2.6	2
2	Preparation of Core/Shell CaO@SiO2-SO3H as a Novel and Recyclable Nanocatalyst for One-Pot Synthesize of Dihydropyrano[2,3-c]Pyrazoles and Tetrahydrobenzo[b]Pyrans. Silicon, 2022, 14, 1395-1406.	3.3	11
3	Ionic Liquid-Coated Nanoparticles (CaO@SiO₂@BAIL): A Bi-Functional and Environmentally Benign Catalyst for Green Synthesis of Pyridine, Pyrimidine, and Pyrazoline Derivatives. Polycyclic Aromatic Compounds, 2022, 42, 4700-4716.	2.6	9
4	High-efficient synthesis of 2-imino-2H-chromenes and dihydropyrano[c]chromenes using novel and green catalyst (CaO@SiO2@AIL). Research on Chemical Intermediates, 2021, 47, 723-741.	2.7	10
5	Mono- and bis-pyrazolophthalazines: Design, synthesis, cytotoxic activity, DNA/HSA binding and molecular docking studies. Bioorganic and Medicinal Chemistry, 2021, 30, 115944.	3.0	6
6	Ionic liquid-immobilized hybrid nanomaterial: an efficient catalyst in the synthesis of benzimidazoles and benzothiazoles via anomeric-based oxidation. Journal of the Iranian Chemical Society, 2021, 18, 677-687.	2.2	14
7	Cu(II) complex-decorated hybrid nanomaterial: a retrievable catalyst for green synthesis of 2,3-dihydroquinazolin-4(1H)-ones. Journal of Coordination Chemistry, 2021, 74, 1613-1627.	2.2	8
8	Zn (II)â€Schiff base covalently anchored to CaO@SiO₂: A hybrid nanocatalyst for green synthesis of 4Hâ€pyrans. Applied Organometallic Chemistry, 2021, 35, e6394.	3.5	6
9	Poly N,N-dimethylaniline-formaldehyde supported on silica-coated magnetic nanoparticles: a novel and retrievable catalyst for green synthesis of 2-amino-3-cyanopyridines. Research on Chemical Intermediates, 2020, 46, 1629-1643.	2.7	22
10	Organic base grafted on magnetic nanoparticles as a recoverable catalyst for the green synthesis of hydropyridine rings. Journal of the Iranian Chemical Society, 2020, 17, 483-492.	2.2	3
11	Synthesis of new, vital and pharmacologically important bis phthalazine-triones using an efficient magnetic nanocatalyst and their HF and NBO investigation. Journal of Molecular Structure, 2020, 1200, 127091.	3.6	12
12	Cu complex grafted on the porous materials: synthesis, characterization and comparison of their antibacterial activity with nano-Cu/NaY zeolite. Journal of the Iranian Chemical Society, 2020, 17, 283-295.	2.2	5
13	Green synthesis of 1 H â€pyrazolo[1,2â€b]phthalazineâ€2â€carbonitrile derivatives using a new bifunctional baseâ€“ionic liquid hybrid magnetic nanocatalyst. Applied Organometallic Chemistry, 2020, 34, e5386.	3.5	21
14	Zinc(II)â€poly(ureaâ€formaldehyde) supported on magnetic nanoparticles: A hybrid nanocatalyst for green synthesis of spiropyrans, spiroxanthenes, and spiropyrimidines. Applied Organometallic Chemistry, 2020, 34, e5859.	3.5	9
15	Preparation and characterization of a novel organicâ€“inorganic hybrid nanostructure: application in synthesis of spirocompounds. Research on Chemical Intermediates, 2020, 46, 3277-3294.	2.7	8
16	A Novel Hybrid Organic-Inorganic Nanomaterial: preparation, Characterization and Application in Synthesis of Diverse Heterocycles. Polycyclic Aromatic Compounds, 2020, , 1-20.	2.6	11
17	Oneâ€pot synthesis of 1,4â€dihydropyridines and Nâ€arylquinolines in the presence of copper complex stabilized on MnFe₂O₄ (MFO) as a novel organicâ€“inorganic hybrid material and magnetically retrievable catalyst. Applied Organometallic Chemistry, 2020, 34, e5822.	3.5	16
18	Synthesis and characterization of functionalized NaP Zeolite@CoFe2O4 hybrid materials: a microâ€“meso-structure catalyst for aldol condensation. Research on Chemical Intermediates, 2020, 46, 2169-2193.	2.7	14

#	Article	IF	Citations
19	Phosphomolybdic acid immobilized chitosan/Fe3O4: an efficient catalyst for the N-alkylation of anilines. Eurasian Chemical Communications, 2020, 2, 688-701.	0.9	7
20	Palladium-melamine complex anchored on magnetic nanoparticles: A novel promoter for C-C cross coupling reaction. Journal of Organometallic Chemistry, 2019, 886, 57-64.	1.8	19
21	Cu (II)â€Î²â€cyclodextrin complex stabilized on magnetic nanoparticles: A retrievable hybrid promoter for green synthesis of spiropyrans. Applied Organometallic Chemistry, 2019, 33, e4738.	3.5	35
22	Alkylaminopyridine-grafted on HY Zeolite: Preparation, characterization and application in synthesis of 4H-Chromenes. Microporous and Mesoporous Materials, 2018, 266, 83-89.	4.4	26
23	Immobilization of Palladium on Modified Nanoparticles and Its Catalytic Properties on Mizorokiâ€Heck Reaction. ChemistrySelect, 2018, 3, 13297-13302.	1.5	7
24	Hofmann Nâ€alkylation of aniline derivatives with alcohols using ferric perchlorate immobilized on SiO₂ as a catalyst through Boxâ€“Behnken experimental design. Applied Organometallic Chemistry, 2018, 32, e4591.	3.5	9
25	Recent Advances in the Preparation and Application of Organicâ€“ inorganic Hybrid Magnetic Nanocatalysts on Multicomponent Reactions. Current Organic Chemistry, 2018, 22, 234-267.	1.6	47
26	Mechanistic study on a novel pseudo-five-component synthesis of 4H-thiopyrans. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 526-529.	1.6	3
27	Microwave-assisted efficient synthesis of azlactones using zeolite NaY as a reusable heterogeneous catalyst. Inorganic and Nano-Metal Chemistry, 2017, 47, 845-849.	1.6	3
28	(Triazinediyl)bis sulfamic acid-functionalized silica-coated magnetite nanoparticles: Preparation, characterization and application as an efficient catalyst for synthesis of mono-, bis-, tris- and spiro-perimidines. Journal of the Iranian Chemical Society, 2017, 14, 365-376.	2.2	25
29	Bis(4â€pyridylamino)triazineâ€stabilized magnetite nanoparticles: preparation, characterization and application as a retrievable catalyst for the green synthesis of 4Hâ€pyran, 4Hâ€thiopyran and 1,4â€dihydropyridine derivatives. Applied Organometallic Chemistry, 2017, 31, e3557.	3.5	31
30	Convenient, multicomponent, one-pot synthesis of highly substituted pyridines under solvent-free conditions. Synthetic Communications, 2016, 46, 1605-1611.	2.1	16
31	An efficient method for synthesis of bis(indolyl)methane and di-bis(indolyl)methane derivatives in environmentally benign conditions using TBAHS. Cogent Chemistry, 2016, 2, 1188435.	2.5	23
32	A novel four- and pseudo-five-component reaction: unexpected efficient one-pot synthesis of 4H-thiopyran derivatives. Molecular Diversity, 2016, 20, 461-468.	3.9	12
33	Mild and green synthesis of tetrahydrobenzopyran, pyranopyrimidinone and polyhydroquinoline derivatives and DFT study on product structures. Research on Chemical Intermediates, 2016, 42, 1165-1179.	2.7	63
34	Zeolite-based hybrid material as an efficient promoter in the green synthesis of mono/bis-phthalazinones. Synthetic Communications, 0, , 1-14.	2.1	0