

Mohammad Ali Bodaghifard

List of Publications by Year in descending order

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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	Mild and green synthesis of tetrahydrobenzopyran, pyranopyrimidinone and polyhydroquinoline derivatives and DFT study on product structures. <i>Research on Chemical Intermediates</i> , 2016, 42, 1165-1179.	2.7	63
2	Recent Advances in the Preparation and Application of Organic-Inorganic Hybrid Magnetic Nanocatalysts on Multicomponent Reactions. <i>Current Organic Chemistry</i> , 2018, 22, 234-267.	1.6	47
3	Cu (II)- β -cyclodextrin complex stabilized on magnetic nanoparticles: A retrievable hybrid promoter for green synthesis of spiroopyrans. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4738.	3.5	35
4	Bis(4-pyridylamino)triazine-stabilized magnetite nanoparticles: preparation, characterization and application as a retrievable catalyst for the green synthesis of 4H-pyran, 4H-thiopyran and 1,4-dihydropyridine derivatives. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3557.	3.5	31
5	Alkylaminopyridine-grafted on HY Zeolite: Preparation, characterization and application in synthesis of 4H-Chromenes. <i>Microporous and Mesoporous Materials</i> , 2018, 266, 83-89.	4.4	26
6	(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. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 365-376.	2.2	25
7	An efficient method for synthesis of bis(indolyl)methane and di-bis(indolyl)methane derivatives in environmentally benign conditions using TBAHS. <i>Cogent Chemistry</i> , 2016, 2, 1188435.	2.5	23
8	Poly N,N-dimethylaniline-formaldehyde supported on silica-coated magnetic nanoparticles: a novel and retrievable catalyst for green synthesis of 2-amino-3-cyanopyridines. <i>Research on Chemical Intermediates</i> , 2020, 46, 1629-1643.	2.7	22
9	Green synthesis of 1 H-pyrazolo[1,2-b]phthalazine-carbonitrile derivatives using a new bifunctional base-ionic liquid hybrid magnetic nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5386.	3.5	21
10	Palladium-melamine complex anchored on magnetic nanoparticles: A novel promoter for C-C cross coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2019, 886, 57-64.	1.8	19
11	Convenient, multicomponent, one-pot synthesis of highly substituted pyridines under solvent-free conditions. <i>Synthetic Communications</i> , 2016, 46, 1605-1611.	2.1	16
12	One-pot synthesis of 1,4-dihydropyridines and N-aryloquinolines in the presence of copper complex stabilized on $MnFe_2O_4$ (MFO) as a novel organic-inorganic hybrid material and magnetically retrievable catalyst. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5822.	3.5	16
13	Synthesis and characterization of functionalized NaP Zeolite@CoFe ₂ O ₄ hybrid materials: a micro-meso-structure catalyst for aldol condensation. <i>Research on Chemical Intermediates</i> , 2020, 46, 2169-2193.	2.7	14
14	Ionic liquid-immobilized hybrid nanomaterial: an efficient catalyst in the synthesis of benzimidazoles and benzothiazoles via anomeric-based oxidation. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 677-687.	2.2	14
15	A novel four- and pseudo-five-component reaction: unexpected efficient one-pot synthesis of 4H-thiopyran derivatives. <i>Molecular Diversity</i> , 2016, 20, 461-468.	3.9	12
16	Synthesis of new, vital and pharmacologically important bis phthalazine-triones using an efficient magnetic nanocatalyst and their HF and NBO investigation. <i>Journal of Molecular Structure</i> , 2020, 1200, 127091.	3.6	12
17	A Novel Hybrid Organic-Inorganic Nanomaterial: preparation, Characterization and Application in Synthesis of Diverse Heterocycles. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-20.	2.6	11
18	Preparation of Core/Shell CaO@SiO ₂ -SO ₃ H as a Novel and Recyclable Nanocatalyst for One-Pot Synthesize of Dihydropyrano[2,3-c]Pyrazoles and Tetrahydrobenzo[b]Pyrans. <i>Silicon</i> , 2022, 14, 1395-1406.	3.3	11

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19	High-efficient synthesis of 2-imino-2H-chromenes and dihydropyrano[c]chromenes using novel and green catalyst (CaO@SiO ₂ @Al). <i>Research on Chemical Intermediates</i> , 2021, 47, 723-741.	2.7	10
20	Hofmann <i>N</i> -alkylation of aniline derivatives with alcohols using ferric perchlorate immobilized on SiO ₂ as a catalyst through Boxâ€œBehnken experimental design. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4591.	3.5	9
21	Zinc(II)â€œpoly(ureaâ€œformaldehyde) supported on magnetic nanoparticles: A hybrid nanocatalyst for green synthesis of spiropyrans, spiroxanthenes, and spiropyrimidines. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5859.	3.5	9
22	Ionic Liquid-Coated Nanoparticles (CaO@SiO ₂ @BAIL): A Bi-Functional and Environmentally Benign Catalyst for Green Synthesis of Pyridine, Pyrimidine, and Pyrazoline Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4700-4716.	2.6	9
23	Preparation and characterization of a novel organicâ€œinorganic hybrid nanostructure: application in synthesis of spirocompounds. <i>Research on Chemical Intermediates</i> , 2020, 46, 3277-3294.	2.7	8
24	Cu(II) complex-decorated hybrid nanomaterial: a retrievable catalyst for green synthesis of 2,3-dihydroquinazolin-4(1 <i>H</i>)-ones. <i>Journal of Coordination Chemistry</i> , 2021, 74, 1613-1627.	2.2	8
25	Immobilization of Palladium on Modified Nanoparticles and Its Catalytic Properties on Mizorokiâ€œHeck Reaction. <i>ChemistrySelect</i> , 2018, 3, 13297-13302.	1.5	7
26	Phosphomolybdic acid immobilized chitosan/Fe ₃ O ₄ : an efficient catalyst for the N-alkylation of anilines. <i>Eurasian Chemical Communications</i> , 2020, 2, 688-701.	0.9	7
27	Mono- and bis-pyrazolophthalazines: Design, synthesis, cytotoxic activity, DNA/HSA binding and molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 30, 115944.	3.0	6
28	Zn (II)â€œSchiff base covalently anchored to CaO@SiO ₂ : A hybrid nanocatalyst for green synthesis of 4 <i>H</i> -pyrans. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6394.	3.5	6
29	Cu complex grafted on the porous materials: synthesis, characterization and comparison of their antibacterial activity with nano-Cu/NaY zeolite. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 283-295.	2.2	5
30	Mechanistic study on a novel pseudo-five-component synthesis of 4H-thiopyrans. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 526-529.	1.6	3
31	Microwave-assisted efficient synthesis of azlactones using zeolite NaY as a reusable heterogeneous catalyst. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 845-849.	1.6	3
32	Organic base grafted on magnetic nanoparticles as a recoverable catalyst for the green synthesis of hydropyridine rings. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 483-492.	2.2	3
33	Functionalized Mesoporous MCM-41 as a Hybrid Catalyst for the Efficient Synthesis of Chromene and Mono/Bis Phthalazine-Trione Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 242-255.	2.6	2
34	Zeolite-based hybrid material as an efficient promoter in the green synthesis of mono/bis-phthalazinones. <i>Synthetic Communications</i> , 0, , 1-14.	2.1	0