

Javad Safaei-Ghomi

List of Publications by Year in descending order

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185
papers

2,771
citations

218677

26
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315739

38
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190
all docs

190
docs citations

190
times ranked

2297
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Benzodiazepines Promoted by CeO ₂ /CuO@Nitrogen Graphene Quantum Dots@NH ₂ Nanocomposite. Polycyclic Aromatic Compounds, 2022, 42, 1235-1248.	2.6	7
2	Supported L-tryptophan on Fe ₃ O ₄ @SiO ₂ as an efficient and magnetically separable catalyst for one-pot construction of spiro[indene-2,2'-naphthalene]-4-carbonitrile derivatives. RSC Advances, 2022, 12, 1319-1330.	3.6	13
3	Silica nanospheres KCC-1 as a good catalyst for the preparation of 2-amino-4H-chromenes by ultrasonic irradiation. Scientific Reports, 2022, 12, 2381.	3.3	18
4	Fibrous nanosilica spheres KCC-1@NH ₂ as highly effective and easily retrievable catalyst for the synthesis of chromenes. Research on Chemical Intermediates, 2022, 48, 2069-2085.	2.7	7
5	Preparation of quinazolinones using biosynthesized silver nanoparticles. RSC Advances, 2022, 12, 12471-12476.	3.6	5
6	HPA-ZSM-5 nanocomposite as high-performance catalyst for the synthesis of indenopyrazolones. Main Group Metal Chemistry, 2022, 45, 57-73.	1.6	0
7	N-doped graphene quantum dots modified with CuO (0D)/ZnO (1D) heterojunctions as a new nanocatalyst for the environmentally friendly one-pot synthesis of monospiro derivatives. New Journal of Chemistry, 2021, 45, 1269-1277.	2.8	24
8	Synthesis of benzodiazepines catalyzed by chitosan functionalized by triacid imide as a superior catalyst. Research on Chemical Intermediates, 2021, 47, 483-496.	2.7	7
9	Green sonosynthesis of phenazinpyrimidines using Co ₃ O ₄ /ZnO@N-GQDs@SO ₃ H nanocomposite as a robust heterogeneous catalyst. Journal of the Chinese Chemical Society, 2021, 68, 1302-1309.	1.4	5
10	Green sonosynthesis of pyridopyrimidines using heterogeneous Pd-containing catalysts anchored on a hybrid organic-inorganic surface of SBA-15. Journal of the Chinese Chemical Society, 2021, 68, 1748.	1.4	3
11	Design, synthesis, and catalytic evaluation of aluminum-incorporated magnetic core-shell mesoporous microsphere catalyst NiFe ₂ O ₄ @SiO ₂ @Al ₂ MS for the synthesis of functionalized indenopyrazolones. Applied Organometallic Chemistry, 2021, 35, e6274.	3.5	0
12	Synthesis of 2,5-dihydro-3-furans using nano-CoAl ₂ O ₄ . Research on Chemical Intermediates, 2021, 47, 3189-3199.	2.7	1
13	CeO ₂ /CuO@GQDs@NH ₂ Nanocomposite as a Reusable Catalyst for the Preparation of bis-Pyrazoles. Organic Preparations and Procedures International, 2021, 53, 254-261.	1.3	2
14	Sonosynthesis of spiroindolines using functionalized SBA-15. Research on Chemical Intermediates, 2021, 47, 3963-3978.	2.7	6
15	Synthesis of Thiazoles Catalyzed by Dichlorotriazine Attached to Graphene Oxide. Organic Preparations and Procedures International, 2021, 53, 426-430.	1.3	0
16	Ultrasound-Engineered fabrication of immobilized molybdenum complex on Cross-Linked poly (Ionic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf spiro compounds. Ultrasonics Sonochemistry, 2021, 75, 105614.	8.2	24
17	Synthesis of Chromenes Using CuO/ZnO@N-GQDs@NH ₂ Nanocomposite as a High Performance Catalyst. Organic Preparations and Procedures International, 2021, 53, 479-487.	1.3	0
18	l-proline covered N doped graphene quantum dots modified CuO/ZnO hexagonal nanocomposite as a robust retrievable catalyst in synthesis of substituted chiral 2-amino-4H-chromenes. Materials Chemistry and Physics, 2021, 267, 124668.	4.0	16

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19	Solvothermal Fabrication of NiO/Co ₃ O ₄ Spherical Composites Modified with N-doped Graphene Quantum Dots as a Catalyst in the Microwave-Assisted Synthesis of Spiro[diindenopyridine-indoline] Triones. <i>ChemistrySelect</i> , 2021, 6, 8402-8410.	1.5	3
20	A ZnS@N-GQD nanocomposite as a highly effective and easily retrievable catalyst for the sonosynthesis of β -amino carbonyls. <i>RSC Advances</i> , 2021, 11, 19935-19942.	3.6	1
21	Design, synthesis, and catalytic performance of modified graphene oxide based on a cobalt complex as a heterogenous catalyst for the preparation of aminonaphthoquinone derivatives. <i>RSC Advances</i> , 2021, 11, 17108-17115.	3.6	3
22	Design and fabrication of novel polymerized dual nature ionic liquid as highly effective catalyst for regioselective synthesis of monospiro derivatives. <i>Journal of Molecular Liquids</i> , 2021, 344, 117800.	4.9	6
23	Engineered N-doped graphene quantum dots/CoFe ₂ O ₄ spherical composites as a robust and retrievable catalyst: fabrication, characterization, and catalytic performance investigation in microwave-assisted synthesis of quinoline-3-carbonitrile derivatives. <i>RSC Advances</i> , 2021, 11, 34724-34734.	3.6	4
24	La(OH) ₃ nanoparticles immobilized on Fe ₃ O ₄ @chitosan composites as novel magnetic nanocatalysts for sonochemical oxidation of benzyl alcohol to benzaldehyde. <i>RSC Advances</i> , 2021, 11, 35988-35993.	3.6	5
25	An Efficient Synthesis of Dihydropyrano[3,2- <i>c</i>]chromene and Biscoumarin Derivatives Catalyzed by Ionic Liquid Immobilized on FeNi ₃ Nanocatalyst. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 13-20.	2.6	17
26	Synthesis of 2-Oxo-Pyridines Catalyzed by Biosynthesized CuO Nanoparticles. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1534-1538.	2.6	8
27	Synthesis and Characterization of Ionic Liquid Supported on Fe ₃ O ₄ Nanoparticles and a DFT Study of 1,3-Dipolar Cycloaddition for the Synthesis of Isoxazolines in the Presence of Ionic Liquid-Fe ₃ O ₄ . <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 574-584.	2.6	6
28	Green synthesis and immobilization of TiO ₂ NPs using ILs-based on imidazole and investigation of its catalytic activity for the efficient synthesis of pyrimido[4,5- <i>d</i>]pyrimidines. <i>Journal of Molecular Structure</i> , 2020, 1206, 127698.	3.6	21
29	Sonosynthesis of Spiro-Oxindoles Using Crosslinked Sulfonated Polyacrylamide Tethered to nano-Fe ₃ O ₄ as High Performance Catalyst. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-8.	2.6	1
30	Nano-Fe ₃ O ₄ @Cysteine as a Superior Catalyst for the Synthesis of Indeno[1,2- <i>c</i>]pyrazol-4(1H)-ones. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-11.	2.6	3
31	Synthesis of Triazolothiones Using Nano-Fe ₃ O ₄ @SiO ₂ -SO ₃ H as a Heterogeneous Catalyst. <i>Organic Preparations and Procedures International</i> , 2020, 52, 446-452.	1.3	4
32	Ultrasound assisted eco-friendly synthesis of 3-cinnamoyl coumarins using N,N'-(1,2-phenylene)bis(2-aminobenzamide) dichloro cobalt immobilized on mesoporous Al-SBA-15 as a new and recyclable catalyst. <i>Green Chemistry Letters and Reviews</i> , 2020, 13, 141-154.	4.7	10
33	Multicomponent Preparation of Quinazolinone Derivatives in the Presence of TiO ₂ Nanoparticles Supported Ionic Liquids. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-18.	2.6	2
34	Sonosynthesis of pyranochromenes and biscoumarins catalyzed by Co ₃ O ₄ /NiO@GQDs@SO ₃ H nanocomposite. <i>Nanocomposites</i> , 2020, 6, 56-65.	4.2	4
35	Preparation and characterization of a novel DABCO-based ionic liquid supported on Fe ₃ O ₄ @TiO ₂ nanoparticles and investigation of its catalytic activity in the synthesis of quinazolinones. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5721.	3.5	16
36	CeO ₂ /CuO@N-GQDs@NH ₂ nanocomposite as a high-performance catalyst for the synthesis of benzo[<i>g</i>]chromenes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5657.	3.5	10

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37	The influence of the polymerization approach on the catalytic performance of novel porous poly (ionic liquid)s for green synthesis of pharmaceutical spiro-4-thiazolidinones. RSC Advances, 2020, 10, 44159-44170.	3.6	16
38	Synthesis of imidazoles promoted by H ₃ PW ₁₂ O ₄₀ -amino-functionalized CdFe ₁₂ O ₁₉ @SiO ₂ nanocomposite. Nanocomposites, 2020, 6, 149-157.	4.2	5
39	Synthesis of pyrimidines by Fe ₃ O ₄ @SiO ₂ -L-proline nanoparticles. Main Group Metal Chemistry, 2020, 43, 117-124.	1.6	3
40	Va ^{III} catalysts anchored to mesoporous Al ^{III} -SBA-15 with tailorable pore sizes for the synthesis of spirooxindole dihydroquinazolinones derivatives. Applied Organometallic Chemistry, 2019, 33, e5150.	3.5	7
41	Effects of Chiral Ligands on the Asymmetric Carbonyl-Ene Reaction. Synlett, 2019, 30, 1738-1764.	1.8	8
42	A three-component process for the synthesis of 2,3-dihydroquinazolin-4(1 <i>H</i>)-one derivatives using nanosized nickel aluminate spinel crystals as highly efficient catalysts. Journal of the Chinese Chemical Society, 2019, 66, 1490-1498.	1.4	2
43	Crosslinked sulfonated polyacrylamide (Cross-PAA-SO ₃ H) tethered to nano-Fe ₃ O ₄ as a superior catalyst for the synthesis of 1,3-thiazoles. BMC Chemistry, 2019, 13, 120.	3.8	5
44	Preparation and characterization of new inorganic-organic hybrid catalyst H ₃ PMo ₁₂ O ₄₀ /Hyd ^{III} -SBA-15 and its application in the domino multi-component reaction. Applied Organometallic Chemistry, 2019, 33, e5201.	3.5	4
45	Nano-Co ₃ S ₄ as a Retrievable and Robust Catalyst for the Synthesis of 2-Oxo-pyridines and 5-Oxo-[1,2,4]triazolo[2,3-a]pyridines. Organic Preparations and Procedures International, 2019, 51, 388-396.	1.3	5
46	Tungsten anchored onto functionalized SBA-15: an efficient catalyst for diastereoselective synthesis of 2-azapyrrolizidine alkaloid scaffolds. RSC Advances, 2019, 9, 19662-19674.	3.6	11
47	Sonosynthesis of furan-2(5 <i>H</i>)-ones using nanosilica-tethered polyhedral oligomeric silsesquioxanes. Journal of the Iranian Chemical Society, 2019, 16, 2433-2440.	2.2	1
48	Organic-inorganic hybrid material, dichloro N,N'-(1,2-phenylene)bis(2-aminobenzamide) cobalt(II)@Al-SBA-15: an environment friendly catalyst for the synthesis of 3-benzoxazol-2-yl-chromen-2-ones. Journal of Coordination Chemistry, 2019, 72, 826-840.	2.2	8
49	Co-aminobenzamid@Al-SBA-15: a favorable catalyst in synthesis of 2,3-dihydroquinazolin-4(1 <i>H</i>)-ones. BMC Chemistry, 2019, 13, 26.	3.8	14
50	ZnS nanoparticles immobilized on graphitic carbon nitride as a recyclable and environmentally friendly catalyst for synthesis of 3-cinnamoyl coumarins. Research on Chemical Intermediates, 2019, 45, 3425-3439.	2.7	17
51	Chitosan-attached nano-Fe ₃ O ₄ as a superior and retrievable heterogeneous catalyst for the synthesis of benzopyranophenazines using chitosan-attached nano-Fe ₃ O ₄ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 733-738.	0.7	6
52	Co ₃ O ₄ /NiO@GQD@SO ₃ H nanocomposite as a superior catalyst for the synthesis of chromenpyrimidines. RSC Advances, 2019, 9, 37344-37354.	3.6	11
53	Synthesis of <i>trans</i> -dihydrofurans using bis (1-(3-trimethoxysilylpropyl)-methylimidazolium) nickel tetrachloride tethered to colloidal silica nanoparticles. Journal of the Chinese Chemical Society, 2018, 65, 856-860.	1.4	2
54	MNPs@NHC ₆ H ₄ SO ₃ H as high performance catalyst for the synthesis of 1,4-diazepines containing tetrazole ring under microwave irradiation. Journal of the Chinese Chemical Society, 2018, 65, 1119-1126.	1.4	3

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55	Synthesis of Tetraketones Using ZnS Nanoparticles as an Efficient Catalyst. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 430-434.	1.4	4
56	Synthesis of 2,4-diamino-6-aryl-5-pyrimidinecarbonitrile promoted by amino-functionalized CoFe ₂ O ₄ @SiO ₂ nanoparticles under conventional heating, microwave and ultrasound irradiations. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 17-21.	0.7	12
57	Synthesis of hexahydro-4-phenylquinoline-3-carbonitriles using Fe ₃ O ₄ @SiO ₂ -SO ₃ H nanoparticles as a superior and retrievable heterogeneous catalyst under ultrasonic irradiations. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 269-274.	0.7	10
58	Synthesis of spiro[pyrazoloquinoline-oxindoles] and spiro[chromenopyrazolo-oxindoles] promoted by guanidine-functionalized magnetic Fe ₃ O ₄ nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1633-1637.	2.2	5
59	Nano-NiZr ₄ (PO ₄) ₆ as a superior catalyst for the synthesis of propargylamines under ultrasound irradiation. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 185-189.	0.7	3
60	Amino Functionalized Nano Fe ₃ O ₄ @SiO ₂ as a Magnetically Green Catalyst for the One-Pot Synthesis of Spirooxindoles Under Mild Conditions. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 199-212.	2.6	13
61	Power Ultrasound, Microwaves, and Nanomagnetite Organocatalyst: A Comparison Protocol in Anti-selective Aldol and Mannich Reaction. <i>Polycyclic Aromatic Compounds</i> , 2018, 38, 338-345.	2.6	4
62	4-(4-Diamino-di-phenyl)-sulfone supported on hollow magnetic mesoporous Fe ₃ O ₄ @SiO ₂ NPs: As a reusable and efficient catalyst for the synthesis of ethyl 2-amino-5,10-dihydro-5,10-dioxo-4-phenyl-4 H benzo[<i>g</i>]chromene-3-carboxylates. <i>Journal of Saudi Chemical Society</i> , 2018, 22, 485-495.	5.2	11
63	Ultrasound promoted one-pot synthesis of 3,4-dihydropyrimidin-2(1H)-ones/thiones using dendrimer-attached phosphotungstic acid nanoparticles immobilized on nanosilica. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 230-237.	8.2	28
64	Ultrasonic accelerated Knoevenagel condensation by magnetically recoverable MgFe ₂ O ₄ nanocatalyst: A rapid and green synthesis of coumarins under solvent-free conditions. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 78-83.	8.2	65
65	Preparation of chitosan nanoparticles from shrimp shells and investigation of its catalytic effect in diastereoselective synthesis of dihydropyrroles. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 260-264.	8.2	38
66	Novel ionic liquid supported on Fe ₃ O ₄ nanoparticles as an efficient catalyst for the synthesis of new chromenes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3987.	3.5	20
67	L-phenyl alanine-attached Fe ₃ O ₄ @SiO ₂ nanoparticles as an efficient catalyst for the synthesis of chromenes. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 661-669.	2.2	8
68	Ultrasonic Accelerated Biginelli-Like Reaction by the Covalently Anchored Copper(I)satoic Anhydride over the Modified Surface of Mesoporous SBA-15 to the Synthesis of Pyrimidines. <i>ChemistrySelect</i> , 2018, 3, 12704-12711.	1.5	12
69	Synthesis of spiro-oxindoles catalyzed by nano-Co ₃ S ₄ . <i>Monatshefte Für Chemie</i> , 2018, 149, 2031-2036.	1.8	1
70	Sonochemical synthesis of chromenes catalyzed by L-phenyl alanine-attached nano-Fe ₃ O ₄ @SiO ₂ . <i>Green Chemistry Letters and Reviews</i> , 2018, 11, 345-351.	4.7	3
71	Diastereoselective synthesis of trans -2,3-dihydrofuro[3,2-c]coumarins by MgO nanoparticles under ultrasonic irradiation. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 929-937.	5.2	18
72	A comparative screening of the catalytic activity of nanocrystalline NiZr ₄ (PO ₄) ₆ ceramics in the one-pot synthesis of 1,6-diamino-4-aryl-2-oxo-1,2-dihydropyridine-3,5-dicarbonitrile derivatives. <i>Research on Chemical Intermediates</i> , 2017, 43, 91-101.	2.7	12

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73	Chitosan functionalized by citric acid: an efficient catalyst for one-pot synthesis of 2,4-diamino-5- <i>H</i> -[1]benzopyrano[2,3- <i>b</i>]pyridine-3-carbonitriles 5-(aryltio) or 5-[(arylmethyl)thio] substituted. <i>Journal of Sulfur Chemistry</i> , 2017, 38, 236-248.	2.0	18
74	Ionic liquid attached to colloidal silica nanoparticles: as high performance catalyst for the preparation of dihydrofurans under microwave irradiation. <i>Journal of Nanostructure in Chemistry</i> , 2017, 7, 113-119.	9.1	1
75	Ionic Liquid-Attached Colloidal Silica Nanoparticles as a New Class of Silica Nanoparticles for the Preparation of Propargylamines. <i>Catalysis Letters</i> , 2017, 147, 1696-1703.	2.6	7
76	Synthesis of dihydrofurans using nano-CuFe ₂ O ₄ @Chitosan. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 698-707.	5.2	19
77	Nano-Fe ₃ O ₄ /PEG/succinic anhydride: A novel and efficient catalyst for the synthesis of benzoxanthenes under ultrasonic irradiation. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 488-495.	8.2	21
78	Preparation and characterization of cyclohexandiamine/Fe ₃ O ₄ /ZnO core/shell nanomagnetic composite as a novel reusable catalyst and its application for the diastereoselective synthesis of β -lactams via the asymmetric Kinugasa reaction. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3763.	3.5	2
79	Nano-CdZr ₄ (PO ₄) ₆ as a reusable and robust catalyst for the synthesis of bis-thiazolidinones by a multicomponent reaction of aldehydes, ethylenediamine and thioglycolic acid. <i>Journal of Sulfur Chemistry</i> , 2017, 38, 195-205.	2.0	16
80	Synthesis of Bis-thiazolidinones Using Chitosan-Attached Nano-CuFe ₂ O ₄ as an Efficient and Retrievable Heterogeneous Catalyst. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1213-1219.	1.4	12
81	Synthesis of benzodiazepines catalyzed by CoFe ₂ O ₄ @SiO ₂ -PrNH ₂ nanoparticles as a reusable catalyst. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 497-503.	0.7	3
82	ZnAl ₂ O ₄ Nanoparticles as Efficient and Reusable Heterogeneous Catalyst for the Synthesis of 12-phenyl-8,12-dihydro-8,10-dimethyl-9- <i>H</i> -naphtho[1,2- <i>b</i>]pyrano[2,3- <i>d</i>]pyrimidine-9,11-(10- <i>H</i>)-diones Under Microwave Irradiation. <i>Polycyclic Aromatic Compounds</i> , 2017, 37, 52-62.	2.6	11
83	A Highly Flexible Green Synthesis of 3,4,5-Substituted Furan-2(5H)-ones Using Nano-CdZr ₄ (PO ₄) ₆ as Catalyst under Microwave Irradiation. <i>Polycyclic Aromatic Compounds</i> , 2017, 37, 407-414.	2.6	6
84	Novel ionic liquid supported on Fe ₃ O ₄ nanoparticles and its application as a catalyst in Mannich reaction under ultrasonic irradiation. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 916-923.	8.2	40
85	Synthesis of bis-spiropiperidines using nano-CuFe ₂ O ₄ @chitosan as a robust and retrievable heterogeneous catalyst. <i>Journal of Chemical Research</i> , 2017, 41, 416-419.	1.3	6
86	Synthesis of 4,4-(arylmethylene)bis(3-carboxymethyl-1-phenyl-1- <i>H</i> -pyrazol-5-ol)s using ionic liquid attached to colloidal silica nanoparticles in water. <i>Journal of Chemical Research</i> , 2017, 41, 457-459.	1.3	6
87	Bis (1(3-trimethoxysilylpropyl)-3-methyl-imidazolium) copper tetrachloride attached to colloidal silica nanoparticles as an efficient catalyst for the preparation of propargylamines. <i>Research on Chemical Intermediates</i> , 2017, 43, 7375-7386.	2.7	2
88	Synthesis of propargylamines catalyzed by nano-colloidal silica-tethered polyhedral oligomeric silsesquioxanes with eight branches of 3-aminopropyltriethoxysilane as an efficient catalyst. <i>Main Group Metal Chemistry</i> , 2017, 40, .	1.6	6
89	Nano-colloidal silica-tethered polyhedral oligomeric silsesquioxanes with eight branches of 3-aminopropyltriethoxysilane as high-performance catalyst for the preparation of bis-thiazolidinones under ultrasonic conditions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 927-935.	0.7	15
90	FeCl ₃ /SiO ₂ NPs as a robust and efficient catalyst for the synthesis of 2-aryl-5-methyl-2,3-dihydro-1H-3-pyrazolones. <i>Current Chemistry Letters</i> , 2016, , 165-172.	1.6	1

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91	Preparation and characterization of Fe ₃ O ₄ @SiO ₂ /APTPOSS core-shell composite nanomagnetics as a novel family of reusable catalysts and their application in the one-pot synthesis of 1,3-thiazolidin-4-one derivatives. <i>Applied Organometallic Chemistry</i> , 2016, 30, 911-916.	3.5	24
92	Synthesis of furo[3,2-c]coumarins under microwave irradiation using nano-CoFe ₂ O ₄ @SiO ₂ /PrNH ₂ as an efficient and magnetically reusable catalyst. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 288-293.	1.2	15
93	One-pot multicomponent synthesis of furo[3,2-c]coumarins promoted by amino-functionalized Fe ₃ O ₄ @SiO ₂ nanoparticles. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 849-856.	0.7	21
94	A pseudo six-component process for the synthesis of tetrahydrodipyrazolo pyridines using an ionic liquid immobilized on a FeNi ₃ nanocatalyst. <i>RSC Advances</i> , 2016, 6, 33676-33685.	3.6	42
95	CeO ₂ nanoparticles: an efficient and robust catalyst for the synthesis of 2-amino-4,6-diarylbenzene-1,3-dicarbonitriles. <i>Monatshefte Für Chemie</i> , 2016, 147, 1933-1937.	1.8	2
96	CoFe ₂ O ₄ @SiO ₂ /PrNH ₂ nanoparticles as highly efficient and magnetically recoverable catalyst for the synthesis of 1,3-thiazolidin-4-ones. <i>Journal of Sulfur Chemistry</i> , 2016, 37, 601-612.	2.0	27
97	A concise synthesis of furo[3,2-c]coumarins catalyzed by nanocrystalline ZnZr ₄ (PO ₄) ₆ ceramics under microwave irradiation. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1439-1448.	2.2	14
98	A facile one-pot ultrasound assisted for an efficient synthesis of benzo[g]chromenes using Fe ₃ O ₄ /polyethylene glycol (PEG) core/shell nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2016, 33, 99-105.	8.2	51
99	One-pot multicomponent reaction synthesis of spirooxindoles promoted by guanidine-functionalized magnetic Fe ₃ O ₄ nanoparticles. <i>RSC Advances</i> , 2016, 6, 74802-74811.	3.6	37
100	Novel magnetic nanoparticles-supported inorganic-organic hybrids based on POSS as an efficient nanomagnetic catalyst for the synthesis of pyran derivatives. <i>Catalysis Communications</i> , 2016, 86, 14-18.	3.3	21
101	Bioactivity of the Essential Oil and Methanol Extracts of Flowers and Leaves of <i>Salvia sclarea</i> L. from Central Iran. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2016, 19, 885-896.	1.9	6
102	Environmentally benign synthesis of methyl 6-amino-5-cyano-4-aryl-2,4-dihydropyrano[2,3-c]pyrazole-3-carboxylates using CeO ₂ nanoparticles as a reusable and robust catalyst. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 1135-1140.	0.7	3
103	Nano ZrP ₂ O ₇ Catalyzed Multicomponent Reaction for an Easy Access of 4H-pyrans and 1,4-dihydropyridines. <i>Polycyclic Aromatic Compounds</i> , 2016, 36, 834-847.	2.6	6
104	NiFe ₂ O ₄ Nanoparticles: A Green and Reusable Heterogeneous Catalyst for the Synthesis of Spiro[indole-3,2-pyrrole]-2,5-dione(1H,1H)-Diones. <i>Journal of Chemical Research</i> , 2016, 40, 397-399.	1.3	12
105	Synthesis of pyrazolopyridines catalyzed by nano-CdZr ₄ (PO ₄) ₆ as a reusable catalyst. <i>Research on Chemical Intermediates</i> , 2016, 42, 8143-8156.	2.7	18
106	Nano-CuCr ₂ O ₄ : An Efficient Catalyst for a One-Pot Synthesis of Tetrahydrodipyrazolopyridine. <i>Journal of Chemical Research</i> , 2016, 40, 361-363.	1.3	25
107	Diastereoselective synthesis of isoxazolidines and spiroisoxazolidines via catalytic 1,3-dipolar cycloaddition reactions in the presence of Fe ₃ O ₄ -l-proline nanoparticles as a magnetic organocatalyst. <i>Tetrahedron Letters</i> , 2016, 57, 1071-1073.	1.4	17
108	One-pot sonochemical synthesis of 1,3-thiazolidin-4-ones using nano-CdZr ₄ (PO ₄) ₆ as a robust heterogeneous catalyst. <i>Ultrasonics Sonochemistry</i> , 2016, 31, 102-106.	8.2	31

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109	A comparative study on the catalytic activity of Fe ₃ O ₄ @SiO ₂ -SO ₃ H and Fe ₃ O ₄ @SiO ₂ -NH ₂ nanoparticles for the synthesis of spiro [chromeno [2, 3-c] pyrazole-4, 3-indoline]-diones under mild conditions. <i>Research on Chemical Intermediates</i> , 2016, 42, 6391-6406.	2.7	34
110	Magnetic nanoscale core-shell structured Fe ₃ O ₄ @-proline: an efficient, reusable and eco-friendly nanocatalyst for diastereoselective synthesis of fulleropyrrolidines. <i>New Journal of Chemistry</i> , 2016, 40, 3289-3299.	2.8	19
111	Multicomponent synthesis of C-tethered bispyrazol-5-ols using CeO ₂ nanoparticles as an efficient and green catalyst. <i>Research on Chemical Intermediates</i> , 2016, 42, 827-837.	2.7	19
112	-Proline-functionalized Fe ₃ O ₄ nanoparticles as a novel magnetic chiral catalyst for the direct asymmetric Mannich reaction. <i>Applied Organometallic Chemistry</i> , 2015, 29, 566-571.	3.5	40
113	Three-component synthesis of cyclic β -aminoesters using CeO ₂ nanoparticles as an efficient and reusable catalyst. <i>Turkish Journal of Chemistry</i> , 2015, 39, 843-849.	1.2	6
114	A convenient synthesis of 2-aminocyclohex-1-ene-1-carboxylic esters by FeCl ₃ /SiO ₂ nanoparticles as robust and efficient catalyst. <i>Chinese Chemical Letters</i> , 2015, 26, 735-738.	9.0	4
115	A flexible one-pot synthesis of 8,10-dimethyl-12-aryl-9H-naphto[1,2:5,6]pyrano[2,3-d]pyrimidine-9,11-diones catalyzed by ZnO nanoparticles under solvent-free conditions. <i>Monatshefte für Chemie</i> , 2015, 146, 1581-1586.	1.8	10
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117	Rapid microwave-assisted synthesis of N-benzyl fulleropyrrolidines under solvent free conditions. <i>RSC Advances</i> , 2015, 5, 15591-15596.	3.6	15
118	Grinding-induced synthesis of heterocyclic fullerene derivatives under solvent-free conditions. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 39-43.	1.2	7
119	CuI nanoparticles as a remarkable catalyst in the synthesis of benzo[b][1,5]diazepines: an eco-friendly approach. <i>Acta Chimica Slovenica</i> , 2015, 62, 103-10.	0.6	2
120	C-N cross-coupling reaction catalysed by reusable CuCr ₂ O ₄ nanoparticles under ligand-free conditions: a highly efficient synthesis of triaryl amines. <i>RSC Advances</i> , 2015, 5, 28879-28884.	3.6	13
121	Copper chromite nanoparticles as an efficient and recyclable catalyst for facile synthesis of 4,4'-(arylmethanediyl)bis(3-methyl-1H-pyrazol-5-ol) derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 34-38.	1.2	25
122	Sonochemical synthesis of 5-substituted 1 <i>H</i> -tetrazoles catalyzed by ZrP ₂ O ₇ nanoparticles and regioselective conversion into new 2,5-disubstituted tetrazoles. <i>Zeitschrift für Naturforschung - Section B Journal of Chemical Sciences</i> , 2015, 70, 819-828.	0.7	23
123	Synthesis of new 2-amino-4H-pyran-3,5-dicarboxylate derivatives using nanocrystalline MIIZr ₄ (PO ₄) ₆ ceramics as reusable and robust catalysts under microwave irradiation. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	13
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129	An efficient multi-component synthesis of 14-aryl-14H-dibenzo[a,j]xanthene derivatives by AgI nanoparticles. <i>Journal of Saudi Chemical Society</i> , 2015, 19, 642-649.	5.2	22
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136	Simultaneous sonication assistance for the synthesis of tetrahydropyridines and its efficient catalyst ZrP ₂ O ₇ nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1150-1154.	8.2	27
137	Pseudo five-component process for the synthesis of 4,4'-((arylmethylene)bis(3-methyl-1H-pyrazol-5-yl)) derivatives using ZnAl ₂ O ₄ nanoparticles in aqueous media. <i>RSC Advances</i> , 2014, 4, 46106-46113.	3.6	39
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146	A green synthesis of 3,4-dihydropyrimidine-2(1H)-one/thione derivatives using nanosilica-supported tin(II) chloride as a heterogeneous nanocatalyst. <i>Monatshefte für Chemie</i> , 2013, 144, 1865-1870.	1.8	40
147	The reaction of carbon disulphide with α -haloketones and primary amines in the presence of potassium iodide as catalyst. <i>Journal of Chemical Sciences</i> , 2013, 125, 1087-1092.	1.5	8
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152	Fe ₃ O ₄ nanoparticles: A highly efficient and easily reusable catalyst for the one-pot synthesis of xanthene derivatives under solvent-free conditions. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 769-779.	0.8	45
153	A novel method for the one-pot five-component synthesis of highly functionalized pyranopyrazoles catalyzed by CuI nanoparticles. <i>Acta Chimica Slovenica</i> , 2013, 60, 403-10.	0.6	17
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155	Preparation of 4,6-Diaryl-3,4-dihydropyrimidine-2(1H)-thiones in an Ionic Liquid. <i>Organic Preparations and Procedures International</i> , 2012, 44, 527-531.	1.3	6
156	Zinc oxide nanoparticles: A highly efficient and readily recyclable catalyst for the synthesis of xanthenes. <i>Chinese Chemical Letters</i> , 2012, 23, 1225-1229.	9.0	58
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161	In vitro bioactivity of essential oils and methanol extracts of <i>Salvia reuterana</i> from Iran. <i>Natural Product Communications</i> , 2012, 7, 651-4.	0.5	10
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170	Mild Oxidation of Oxime Derivatives with KMnO ₄ in Ionic Liquid Media. Journal of the Chinese Chemical Society, 2009, 56, 416-418.	1.4	8
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