

Javad Safaei-Ghomi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7103079/publications.pdf>

Version: 2024-02-01

185
papers

2,771
citations

218381

26
h-index

315357

38
g-index

190
all docs

190
docs citations

190
times ranked

2297
citing authors

#	ARTICLE	IF	CITATIONS
1	GC/MS analysis and in vitro antioxidant activity of essential oil and methanol extracts of <i>Thymus caramanicus</i> Jalas and its main constituent carvacrol. <i>Food Chemistry</i> , 2009, 115, 1524-1528.	4.2	133
2	Fe ₃ O ₄ nanoparticles: As an efficient, green and magnetically reusable catalyst for the one-pot synthesis of 1,8-dioxo-decahydroacridine derivatives under solvent-free conditions. <i>Comptes Rendus Chimie</i> , 2012, 15, 969-974.	0.2	85
3	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.	3.8	65
4	Zinc oxide nanoparticles: A highly efficient and readily recyclable catalyst for the synthesis of xanthenes. <i>Chinese Chemical Letters</i> , 2012, 23, 1225-1229.	4.8	58
5	A highly flexible green synthesis of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives with CuI nanoparticles as catalyst under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2014, 25, 401-405.	4.8	54
6	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.	3.8	51
7	Sonochemically synthesis of pyrazolones using reusable catalyst CuI nanoparticles that was prepared by sonication. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1069-1075.	3.8	46
8	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.	0.4	45
9	SnCl ₂ /nano SiO ₂ : A green and reusable heterogeneous catalyst for the synthesis of polyfunctionalized 4H-pyrans. <i>Chinese Chemical Letters</i> , 2013, 24, 921-925.	4.8	43
10	A pseudo six-component process for the synthesis of tetrahydrodipyrzolo pyridines using an ionic liquid immobilized on a FeNi ₃ nanocatalyst. <i>RSC Advances</i> , 2016, 6, 33676-33685.	1.7	42
11	SnO nanoparticles as an efficient catalyst for the one-pot synthesis of chromeno[2,3-b]pyridines and 2-amino-3,5-dicyano-6-sulfanyl pyridines. <i>RSC Advances</i> , 2014, 4, 50668-50677.	1.7	41
12	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.	0.9	40
13	Proline- α -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.	1.7	40
14	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.	3.8	40
15	Pseudo five-component process for the synthesis of 4,4'-bis(arylmethylene)bis(3-methyl-1H-pyrazol-5-ol) derivatives using ZnAl ₂ O ₄ nanoparticles in aqueous media. <i>RSC Advances</i> , 2014, 4, 46106-46113.	1.7	39
16	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.	3.8	38
17	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.	1.7	37
18	An efficient and green one-pot synthesis of indazolo[1,2-b]phthalazinetriones via three-component reaction of aldehydes, dimedone, and phthalhydrazide using Fe ₃ O ₄ @SiO ₂ core-shell nanoparticles. <i>Research on Chemical Intermediates</i> , 2015, 41, 7703-7714.	1.3	35

#	ARTICLE	IF	CITATIONS
19	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.	1.3	34
20	CuI nanoparticles: a highly active and easily recyclable catalyst for the synthesis of 2-amino-3,5-dicyano-6-sulfanyl pyridines. <i>Journal of Sulfur Chemistry</i> , 2013, 34, 233-241.	1.0	31
21	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.	3.8	31
22	A new strategy for hydrogen sulfide removal by amido-functionalized reduced graphene oxide as a novel metal-free and highly efficient nanoadsorbent. <i>Journal of Sulfur Chemistry</i> , 2015, 36, 660-671.	1.0	28
23	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.	3.8	28
24	Silica (NPs) supported Fe (III) as a reusable heterogeneous catalyst for the one-pot synthesis of 1, 4-dihydropyridines under mild conditions. <i>Journal of Chemical Sciences</i> , 2012, 124, 933-939.	0.7	27
25	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.	3.8	27
26	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.	1.0	27
27	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.	0.6	25
28	ZnFe ₂ O ₄ Nanoparticles as a Robust and Reusable Magnetically Catalyst in the four Component Synthesis of [(5-hydroxy-3-methyl-1H-pyrazol-4yl) (phenyl) Methyl]propAnedinitriles and Substituted 6-Amino-Pyrano[2,3-c]Pyrazoles. <i>Journal of Chemical Research</i> , 2015, 39, 410-413.	0.6	25
29	Nano-CuCr ₂ O ₄ : An Efficient Catalyst for a One-Pot Synthesis of Tetrahydrodipyrzopyridine. <i>Journal of Chemical Research</i> , 2016, 40, 361-363.	0.6	25
30	CuI Nanoparticles as New, Efficient and Reusable Catalyst for the One-pot Synthesis of 1,4-Dihydropyridines. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 2679-2682.	1.0	25
31	Ultrasound-assisted synthesis of dihydropyrimidine-2-thiones. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 679-684.	0.4	24
32	An Efficient, One-Pot Synthesis of Polyfunctionalised Dihydropyridines Catalysed by AgI Nanoparticles. <i>Journal of Chemical Research</i> , 2014, 38, 313-316.	0.6	24
33	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.	1.7	24
34	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. <i>New Journal of Chemistry</i> , 2021, 45, 1269-1277.	1.4	24
35	Ultrasound-Engineered fabrication of immobilized molybdenum complex on Cross-Linked poly (Ionic Tj ETQq1 1 0.784314 rgBT /Overdo spiro compounds. <i>Ultrasonics Sonochemistry</i> , 2021, 75, 105614.	3.8	24
36	Volatile components from <i>Artemisia scoparia</i> Waldst et Kit growing in central Iran. <i>Flavour and Fragrance Journal</i> , 2005, 20, 650-652.	1.2	23

#	ARTICLE	IF	CITATIONS
37	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 Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2015, 70, 819-828.	0.3	23
38	Silver iodide nanoparticle as an efficient and reusable catalyst for the one-pot synthesis of benzofurans under aqueous conditions. <i>Journal of Chemical Sciences</i> , 2013, 125, 1003-1008.	0.7	22
39	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.	2.4	22
40	An efficient FeCl ₃ /SiO ₂ NPs as a reusable heterogeneous catalyzed five-component reactions of tetrahydropyridines under mild conditions. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 135-139.	1.2	21
41	AgI nanoparticles as a remarkable catalyst in the synthesis of (amidoalkyl)naphthol and oxazine derivatives: an eco-friendly approach. <i>Monatshefte Für Chemie</i> , 2014, 145, 1191-1199.	0.9	21
42	One-pot multicomponent synthesis of furo[3,2- <i>c</i>]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.	0.3	21
43	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.	1.6	21
44	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.	3.8	21
45	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.	1.8	21
46	Solvent-free synthesis of dihydropyrano[3,2- <i>c</i>]chromene and biscoumarin derivatives using magnesium oxide nanoparticles as a recyclable catalyst. <i>Acta Chimica Slovenica</i> , 2014, 61, 703-8.	0.2	21
47	Eco-friendly synthesis of highly substituted functionalized oxazines by FeCl ₃ /SiO ₂ nanoparticles. <i>Monatshefte Für Chemie</i> , 2013, 144, 687-693.	0.9	20
48	Sonochemically synthesis of arylolefinyl linked triaryl amines catalyzed by CuI nanoparticles: A rapid and green procedure for Sonogashira coupling. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 365-370.	3.8	20
49	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.	1.7	20
50	Highly efficient synthesis of benzopyranopyridines via ZrP ₂ O ₇ nanoparticles catalyzed multicomponent reactions of salicylaldehydes with malononitrile and thiols. <i>Journal of Sulfur Chemistry</i> , 2014, 35, 450-457.	1.0	19
51	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.	1.4	19
52	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.	1.3	19
53	Synthesis of dihydrofurans using nano-CuFe ₂ O ₄ @Chitosan. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 698-707.	2.4	19
54	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.	1.3	18

#	ARTICLE	IF	CITATIONS
55	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.	2.4	18
56	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-(arythio) or 5-[(arylmethyl)thio] substituted. <i>Journal of Sulfur Chemistry</i> , 2017, 38, 236-248.	1.0	18
57	Silica nanospheres KCC-1 as a good catalyst for the preparation of 2-amino-4 <i>H</i> -chromenes by ultrasonic irradiation. <i>Scientific Reports</i> , 2022, 12, 2381.	1.6	18
58	ZnO Nanoparticles as New and Efficient Catalyst for the One-pot Synthesis of Polyfunctionalized Pyridines. <i>Acta Chimica Slovenica</i> , 2012, 59, 697-702.	0.2	18
59	A convenient and efficient synthesis of triarylamine derivatives using CuI nanoparticles. <i>RSC Advances</i> , 2014, 4, 16385.	1.7	17
60	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.	0.7	17
61	ZnS nanoparticles immobilized on graphitic carbon nitride as a recyclable and environmentally friendly catalyst for synthesis of 3-cinnamoyl coumarins. <i>Research on Chemical Intermediates</i> , 2019, 45, 3425-3439.	1.3	17
62	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.	1.4	17
63	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.	0.2	17
64	Pseudo five-component process for the synthesis of functionalized tricarboxamides using CuI nanoparticles as reusable catalyst. <i>Chinese Chemical Letters</i> , 2013, 24, 195-198.	4.8	16
65	An efficient comparison of methods involving conventional, grinding and ultrasound conditions for the synthesis of fullerisoxazolines. <i>Ultrasonics Sonochemistry</i> , 2015, 23, 212-218.	3.8	16
66	SnO nanoparticles: a robust and reusable heterogeneous catalyst for the synthesis of 3,4,5-substituted furan-2(5 <i>H</i>)-ones. <i>Monatshefte für Chemie</i> , 2015, 146, 181-186.	0.9	16
67	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.	1.0	16
68	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.	1.7	16
69	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-4 <i>H</i> -chromenes. <i>Materials Chemistry and Physics</i> , 2021, 267, 124668.	2.0	16
70	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. <i>RSC Advances</i> , 2020, 10, 44159-44170.	1.7	16
71	The reaction of carbon disulfide with bromoacetophenone in the presence of primary amines: synthesis of 3-alkyl-4-phenyl-1,3-thiazole-2(3 <i>H</i>)-thione derivatives. <i>Journal of Sulfur Chemistry</i> , 2012, 33, 87-92.	1.0	15
72	Rapid microwave-assisted synthesis of N-benzyl fulleropyrrolidines under solvent free conditions. <i>RSC Advances</i> , 2015, 5, 15591-15596.	1.7	15

#	ARTICLE	IF	CITATIONS
73	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. Chemistry of Heterocyclic Compounds, 2016, 52, 288-293.	0.6	15
74	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. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 927-935.	0.3	15
75	A concise synthesis of furo[3,2-c]coumarins catalyzed by nanocrystalline ZnZr ₄ (PO ₄) ₆ ceramics under microwave irradiation. Journal of the Iranian Chemical Society, 2016, 13, 1439-1448.	1.2	14
76	Co-aminobenzamid@Al-SBA-15: a favorable catalyst in synthesis of 2,3-dihydroquinazolin-4(1H)-ones. BMC Chemistry, 2019, 13, 26.	1.6	14
77	Câ€N cross-coupling reaction catalysed by reusable CuCr ₂ O ₄ nanoparticles under ligand-free conditions: a highly efficient synthesis of triaryl amines. RSC Advances, 2015, 5, 28879-28884.	1.7	13
78	Synthesis of new 2-amino-4H-pyran-3,5-dicarboxylate derivatives using nanocrystalline MIZr ₄ (PO ₄) ₆ ceramics as reusable and robust catalysts under microwave irradiation. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	13
79	Amino Functionalized Nano Fe ₃ O ₄ @SiO ₂ as a Magnetically Green Catalyst for the One-Pot Synthesis of Spirooxindoles Under Mild Conditions. Polycyclic Aromatic Compounds, 2018, 38, 199-212.	1.4	13
80	Supported <sc>l</sc>-tryptophan on Fe ₃ O ₄ @SiO ₂ as an efficient and magnetically separable catalyst for one-pot construction of spiro[indene-2,2â€naphthalene]-4â€carbonitrile derivatives. RSC Advances, 2022, 12, 1319-1330.	1.7	13
81	NiFe ₂ O ₄ Nanoparticles: A Green and Reusable Heterogeneous Catalyst for the Synthesis of Spiro[indole-3,2â€Pyrrole]-2,5â€(1<i>H</i>)-1â€(1<i>H</i>)-Diones. Journal of Chemical Research, 2016, 40, 397-399.	0.6	12
82	A comparative screening of the catalytic activity of nanocrystalline MIZr 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. Research on Chemical Intermediates, 2017, 43, 91-101.	1.3	12
83	Synthesis of Bisâ€Thiazolidinones Using Chitosanâ€attached Nanoâ€CuFe ₂ O ₄ as an Efficient and Retrievable Heterogeneous Catalyst. Journal of the Chinese Chemical Society, 2017, 64, 1213-1219.	0.8	12
84	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. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 17-21.	0.3	12
85	Ultrasonic Accelerated Biginelliâ€Like Reaction by the Covalently Anchored Copperâ€satoic Anhydride over the Modified Surface of Mesoporous SBAâ€15 to the Synthesis of Pyrimidines. ChemistrySelect, 2018, 3, 12704-12711.	0.7	12
86	Preparation of 4,6-Diarylidazole Derivatives in Ionic Liquid under Solvent-free Conditions. Organic Preparations and Procedures International, 2010, 42, 485-489.	0.6	11
87	Mild Oxidative Deprotection of Aromatic Hydrazones and Semicarbazones with KMnO ₄ in Ionic Liquid Medium. Organic Preparations and Procedures International, 2011, 43, 372-376.	0.6	11
88	Synthesis and characterization of ZnO nanoparticles: Application to one-pot synthesis of benzo[b][1,5]diazepines. Cogent Chemistry, 2015, 1, 1095060.	2.5	11
89	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[1â€2â€5,6] pyrano[2,3-d] pyrimidine-9,11-(10<i>H</i>)-diones Under Microwave Irradiation. Polycyclic Aromatic Compounds, 2017, 37, 52-62.	1.4	11
90	4-(4â€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[g]chromene-3-carboxylates. Journal of Saudi Chemical Society, 2018, 22, 485-495.	2.4	11

#	ARTICLE	IF	CITATIONS
91	Tungsten anchored onto functionalized SBA-15: an efficient catalyst for diastereoselective synthesis of 2-azapyrrolizidine alkaloid scaffolds. RSC Advances, 2019, 9, 19662-19674.	1.7	11
92	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.	1.7	11
93	Synthesis of some 3,5-diarylisoxazoline derivatives in ionic liquids media. Journal of the Serbian Chemical Society, 2012, 77, 733-739.	0.4	10
94	A flexible one-pot synthesis of 8,10-dimethyl-12-aryl-9H-naphto[1 ^a ,2 ^a :5,6]pyrano[2,3-d]pyrimidine-9,11-diones catalyzed by ZnO nanoparticles under solvent-free conditions. Monatshefte für Chemie, 2015, 146, 1581-1586.	0.9	10
95	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. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 269-274.	0.3	10
96	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. Green Chemistry Letters and Reviews, 2020, 13, 141-154.	2.1	10
97	CeO ₂ /CuO@Nâ€GQDs@NH ₂ nanocomposite as a highâ€performance catalyst for the synthesis of benzo[g]chromenes. Applied Organometallic Chemistry, 2020, 34, e5657.	1.7	10
98	In vitro bioactivity of essential oils and methanol extracts of <i>Salvia reuterana</i> from Iran. Natural Product Communications, 2012, 7, 651-4.	0.2	10
99	Composition of the essential oil of <i>Stachys acerosa</i> growing in central Iran. Chemistry of Natural Compounds, 2007, 43, 37-39.	0.2	9
100	Volatile constituents analysis of <i>Nepeta cataria</i> from central Iran. Chemistry of Natural Compounds, 2009, 45, 913-915.	0.2	9
101	Antioxidant Activity of the Essential Oil and Metanolic Extract of <i>Eucalyptus largiflorens</i> and <i>Eucalyptus intertexta</i> from Central Iran. Journal of Essential Oil-bearing Plants: JEOP, 2010, 13, 377-384.	0.7	9
102	Essential Oils from Leaves, Stems, Flowers and Fruits of <i>Haplophyllum robustum</i> Bge. (Rutaceae) Grown in Iran. Journal of Essential Oil Research, 2006, 18, 379-380.	1.3	8
103	Mild Oxidation of Oxime Derivatives with KMnO ₄ in Ionic Liquid Media. Journal of the Chinese Chemical Society, 2009, 56, 416-418.	0.8	8
104	The reaction of carbon disulphide with Î±-haloketones and primary amines in the presence of potassium iodide as catalyst. Journal of Chemical Sciences, 2013, 125, 1087-1092.	0.7	8
105	An Efficient Method for the Synthesis of <i>N</i> -Amino-2-Pyridones using Reusable Catalyst ZnO Nanoparticles. Journal of Chemical Research, 2014, 38, 583-585.	0.6	8
106	Microwave-assisted synthesis of fulleropyrazolines/fulleroisoxazolines mediated by (diacetoxyiodo)benzene: a rapid and green procedure. RSC Advances, 2014, 4, 2954-2960.	1.7	8
107	A comparative study of the catalytic activity of nanosized oxides in the one-pot synthesis of highly substituted dihydropyridines. RSC Advances, 2015, 5, 18145-18152.	1.7	8
108	L-phenyl alanine-attached Fe ₃ O ₄ @SiO ₂ nanoparticles as an efficient catalyst for the synthesis of chromenes. Journal of the Iranian Chemical Society, 2018, 15, 661-669.	1.2	8

#	ARTICLE	IF	CITATIONS
109	Effects of Chiral Ligands on the Asymmetric Carbonyl-Ene Reaction. <i>Synlett</i> , 2019, 30, 1738-1764.	1.0	8
110	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. <i>Journal of Coordination Chemistry</i> , 2019, 72, 826-840.	0.8	8
111	Synthesis of 2-Oxo-Pyridines Catalyzed by Biosynthesized CuO Nanoparticles. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1534-1538.	1.4	8
112	AN IMPROVED PROCEDURE FOR THE ROBINSON ANNULATION REACTION OF SOME CHALCONES CATALYZED BY K ₂ CO ₃ UNDER ULTRASOUND. <i>Organic Preparations and Procedures International</i> , 2006, 38, 417-422.	0.6	7
113	Grinding-induced synthesis of heterocyclic fullerene derivatives under solvent-free conditions. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 39-43.	0.6	7
114	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.	1.4	7
115	Va- catalysts anchored to mesoporous Al-SBA-15 with tailorable pore sizes for the synthesis of spirooxindole dihydroquinazolinones derivatives. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5150.	1.7	7
116	Synthesis of Benzodiazepines Promoted by CeO ₂ /CuO@Nitrogen Graphene Quantum Dots@NH ₂ Nanocomposite. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 1235-1248.	1.4	7
117	Synthesis of benzodiazepines catalyzed by chitosan functionalized by triacid imide as a superior catalyst. <i>Research on Chemical Intermediates</i> , 2021, 47, 483-496.	1.3	7
118	Fibrous nanosilica spheres KCC-1@NH ₂ as highly effective and easily retrievable catalyst for the synthesis of chromenes. <i>Research on Chemical Intermediates</i> , 2022, 48, 2069-2085.	1.3	7
119	An Efficient Synthesis of Sulfonylhydrazides and Sulfonylsemicarbazides by Utilizing Alumina as a Catalyst. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 1561-1563.	0.8	6
120	Determination of volatile components in Iranian <i>Rosa hemisphaerica</i> . <i>Chemistry of Natural Compounds</i> , 2007, 43, 738-740.	0.2	6
121	Chemical variability of essential oil components of two <i>Rosa x damascena</i> genotypes growing in Iran. <i>Chemistry of Natural Compounds</i> , 2009, 45, 262-264.	0.2	6
122	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.	0.6	6
123	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.	0.5	6
124	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.	0.7	6
125	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.	1.4	6
126	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.	1.4	6

#	ARTICLE	IF	CITATIONS
127	Synthesis of bis-spiropiperidines using nano-CuFe ₂ O ₄ @chitosan as a robust and retrievable heterogeneous catalyst. Journal of Chemical Research, 2017, 41, 416-419.	0.6	6
128	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. Journal of Chemical Research, 2017, 41, 457-459.	0.6	6
129	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.	0.3	6
130	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 Isoxazolidines in the Presence of Ionic Liquid-Fe ₃ O ₄ . Polycyclic Aromatic Compounds, 2020, 40, 574-584.	1.4	6
131	Sonosynthesis of spiroindolines using functionalized SBA-15. Research on Chemical Intermediates, 2021, 47, 3963-3978.	1.3	6
132	Synthesis of propargylamines catalyzed by nano-colloidal silica-tethered polyhedral oligomeric silsesquioxanes with eight branches of 3-aminopropyltriethoxysilane as an efficient catalyst. Main Group Metal Chemistry, 2017, 40, .	0.6	6
133	Design and fabrication of novel polymerized dual nature ionic liquid as highly effective catalyst for regioselective synthesis of monospiro derivatives. Journal of Molecular Liquids, 2021, 344, 117800.	2.3	6
134	Composition of the Essential Oil of the Flowering Aerial Parts of Iranian Crambe orientalis L.. Journal of Essential Oil Research, 2007, 19, 348-350.	1.3	5
135	Synthesis of spiro[pyrazoloquinoline-oxindoles] and spiro[chromenopyrazolo-oxindoles] promoted by guanidine-functionalized magnetic Fe ₃ O ₄ nanoparticles. Journal of the Iranian Chemical Society, 2018, 15, 1633-1637.	1.2	5
136	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.	1.6	5
137	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.	0.6	5
138	Green sonosynthesis of phenazinpyrimidines using Co ₃ O ₄ /ZnO@Ni@GQDs@SO ₃ H nanocomposite as a robust heterogeneous catalyst. Journal of the Chinese Chemical Society, 2021, 68, 1302-1309.	0.8	5
139	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.	2.2	5
140	La(OH) ₃ nanoparticles immobilized on Fe ₃ O ₄ @chitosan composites as novel magnetic nanocatalysts for sonochemical oxidation of benzyl alcohol to benzaldehyde. RSC Advances, 2021, 11, 35988-35993.	1.7	5
141	Preparation of quinazolinones using biosynthesized silver nanoparticles. RSC Advances, 2022, 12, 12471-12476.	1.7	5
142	GC-MS identification of essential oil components and in vitro investigation of antioxidant activity of methanol extracts from flower and fruit fractions of Melia azedarach cultivated in Central Iran. Chemistry of Natural Compounds, 2010, 46, 816-818.	0.2	4
143	A convenient synthesis of 2-aminocyclohex-1-ene-1-carboxylic esters by FeCl ₃ /SiO ₂ nanoparticles as robust and efficient catalyst. Chinese Chemical Letters, 2015, 26, 735-738.	4.8	4
144	Synthesis of Tetraketones Using ZnS Nanoparticles as an Efficient Catalyst. Journal of the Chinese Chemical Society, 2018, 65, 430-434.	0.8	4

#	ARTICLE	IF	CITATIONS
145	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.	1.4	4
146	Preparation and characterization of new inorganic-organic hybrid catalyst $\text{H}_3\text{PMo}_{12}\text{O}_{40}/\text{Hydâ€‘SBAâ€‘15}$ and its application in the domino multi-â€‘component reaction. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5201.	1.7	4
147	Synthesis of Triazolothiones Using Nano- $\text{Fe}_3\text{O}_4/\text{SiO}_2\text{-SO}_3\text{H}$ as a Heterogeneous Catalyst. <i>Organic Preparations and Procedures International</i> , 2020, 52, 446-452.	0.6	4
148	Sonosynthesis of pyranochromenes and biscoumarins catalyzed by $\text{Co}_3\text{O}_4/\text{NiO}@/\text{GQDs}@/\text{SO}_3\text{H}$ nanocomposite. <i>Nanocomposites</i> , 2020, 6, 56-65.	2.2	4
149	Engineered N-doped graphene quantum dots/ CoFe_2O_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.	1.7	4
150	MODIFIED AND CONVENIENT METHODS FOR THE PREPARATION OF SOME NITRO MUSKS. <i>Organic Preparations and Procedures International</i> , 2004, 36, 188-191.	0.6	3
151	SYNTHESIS OF INDAZOLE DERIVATIVES FROM 3, 5-DIARYL-6-ETHOXYCARBONYL-2-CYCLOHEXEN-1-ONES. <i>Organic Preparations and Procedures International</i> , 2007, 39, 517-522.	0.6	3
152	Study of the Oil Constituents Extracted From Aerial Parts of <i>Pimpinella aurea</i> DC. From Central Iran. <i>Journal of Essential Oil Research</i> , 2009, 21, 435-437.	1.3	3
153	STUDIES ON THE ANTIOXIDANT ACTIVITY OF THE VOLATILE OIL AND METHANOL EXTRACTS OF <i>NEPETA LAXIFLORA</i> BENTH. AND <i>NEPETA SESSILIFOLIA</i> BUNGE. FROM IRAN. <i>Journal of Food Biochemistry</i> , 2011, 35, 1486-1492.	1.2	3
154	Environmentally benign synthesis of methyl 6-amino-5-cyano-4-aryl-2,4-dihydropyrano[2,3- <i>c</i>]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.	0.3	3
155	Synthesis of benzodiazepines catalyzed by $\text{CoFe}_2\text{O}_4/\text{SiO}_2\text{-PrNH}_2$ nanoparticles as a reusable catalyst. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 497-503.	0.3	3
156	MNPs- $\text{NHC}_6\text{H}_4\text{SO}_3\text{H}$ as high-performance catalyst for the synthesis of 1,4-diazepines containing tetrazole ring under microwave irradiation. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1119-1126.	0.8	3
157	Nano- $\text{NiZr}_4(\text{PO}_4)_6$ 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.	0.3	3
158	Sonochemical synthesis of chromenes catalyzed by L-phenyl alanine-attached nano- $\text{Fe}_3\text{O}_4/\text{SiO}_2$. <i>Green Chemistry Letters and Reviews</i> , 2018, 11, 345-351.	2.1	3
159	Nano- Fe_3O_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.	1.4	3
160	Green sonosynthesis of pyridopyrimidines using heterogeneous Pd-containing catalysts anchored on a hybrid organic-inorganic surface of SBA-15. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 1748.	0.8	3
161	Solvothermal Fabrication of $\text{NiO}/\text{Co}_3\text{O}_4$ 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.	0.7	3
162	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.	1.7	3

#	ARTICLE	IF	CITATIONS
163	Synthesis of pyrimidines by Fe ₃ O ₄ @SiO ₂ -L-proline nanoparticles. <i>Main Group Metal Chemistry</i> , 2020, 43, 117-124.	0.6	3
164	A Convenient Procedure for the Preparation of Sulfonamidoureas Using Triphosgene. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 721-724.	0.3	2
165	Volatile constituents of the flowers and leaves of <i>Eucalyptus oleosa</i> cultivated in central Iran. <i>Chemistry of Natural Compounds</i> , 2009, 45, 106-107.	0.2	2
166	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.	0.2	2
167	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.	0.9	2
168	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.	1.7	2
169	Synthesis of <i>trans</i> - α -dihydrofurans using bis (1(3-trimethoxysilylpropyl)- β -methylimidazolium) nickel tetrachloride tethered to colloidal silica nanoparticles. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 856-860.	0.8	2
170	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. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1490-1498.	0.8	2
171	Multicomponent Preparation of Quinazolinone Derivatives in the Presence of TiO ₂ Nanoparticles Supported Ionic Liquids. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-18.	1.4	2
172	CeO ₂ /CuO@GQDs@NH ₂ Nanocomposite as a Reusable Catalyst for the Preparation of bis-Pyrazoles. <i>Organic Preparations and Procedures International</i> , 2021, 53, 254-261.	0.6	2
173	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.	1.3	2
174	FeCl ₃ /SiO ₂ NPs as a robust and efficient catalyst for the synthesis of 2-aryl-5-methyl-2,3-dihydro-1 <i>H</i> -3-pyrazolones. <i>Current Chemistry Letters</i> , 2016, , 165-172.	0.5	1
175	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.	5.3	1
176	Synthesis of spiro-oxindoles catalyzed by nano-Co ₃ S ₄ . <i>Monatshefte Für Chemie</i> , 2018, 149, 2031-2036.	0.9	1
177	Sonosynthesis of furan-2(5 <i>H</i>)-ones using nanosilica-tethered polyhedral oligomeric silsesquioxanes. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2433-2440.	1.2	1
178	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.	1.4	1
179	Synthesis of 2,5-dihydro-3-furans using nano-CoAl ₂ O ₄ . <i>Research on Chemical Intermediates</i> , 2021, 47, 3189-3199.	1.3	1
180	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.	1.7	1

#	ARTICLE	IF	CITATIONS
181	Design, synthesis, and catalytic evaluation of aluminum-incorporated magnetic core-shell mesoporous microsphere catalyst NiFe ₂ O ₄ @SiO ₂ @Al ₂ O ₃ for the synthesis of functionalized indenopyrazolones. Applied Organometallic Chemistry, 2021, 35, e6274.	1.7	0
182	Synthesis of Thiazoles Catalyzed by Dichlorotriazine Attached to Graphene Oxide. Organic Preparations and Procedures International, 2021, 53, 426-430.	0.6	0
183	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.	0.6	0
184	Synthesis of 5-Oxo-2,5-Dihydro-3-Furancarboxylates Using Nano-CuO. Polycyclic Aromatic Compounds, 2021, 1-9.	1.4	0
185	HPA-ZSM-5 nanocomposite as high-performance catalyst for the synthesis of indenopyrazolones. Main Group Metal Chemistry, 2022, 45, 57-73.	0.6	0