Mohammad Ali Ghasemzadeh

List of Publications by Year in Descending Order

81 papers	1,028 citations	18 h-index	28 g-index
95 ext. papers	1,279 ext. citations	2.4 avg, IF	5.32 L-index

#	Paper	IF	Citations
81	ZIF-8-incorporated nanoparticles of MgFe2O4 supported on graphene oxide: A ternary hybrid catalyst for the efficient synthesis of pyrazole-based pyrido[2,3-d]pyrimidine-diones. *Polyhedron*, **2022**, 212, 115588	2.7	0
80	Synthesis and structure elucidation of ZnFe2O4/IRMOF-3/GO for the drug delivery of tetracycline and evaluation of their antibacterial activities. *Journal of Organometallic Chemistry*, **2022**, 960, 122221	2.3	1
79	Preparation of NiFeO@MIL-101(Fe)/GO as a novel nanocarrier and investigation of its antimicrobial properties.. *RSC Advances*, **2022**, 12, 7092-7102	3.7	1
78	One-pot synthesis of chromenes in the presence of magnetic nanocomposite based on NH2-UiO-66(Zr), graphene oxide and Fe3O4. *Journal of Molecular Structure*, **2022**, 133022	3.4	0
77	IRMOF-3 Functionalized GO/CuFe2O4: A New and Recyclable Catalyst for the Synthesis of Dihydropyrano[2,3-c]Pyrazoles under Ultrasound Irradiations. *Journal of Molecular Structure*, **2022**, 1261, 132843	3.4	2
76	Synthesis of tetrazolo[1,5-a]pyrimidine-6-carbonitriles using HMTA-BAIL@MIL-101(Cr) as a superior heterogeneous catalyst. *Scientific Reports*, **2021**, 11, 5109	4.9	2
75	Fe3O4@TiO2@ILs-ZIF-8 Nanocomposite: A Robust Catalyst for the Synthesis of Benzo[4,5]imidazo[1,2-a]pyrimidines. *Journal of Molecular Structure*, **2021**, 1236, 130298	3.4	2
74	Three-component reaction between kojic acid and acyl chlorides with potassium selenocyanate: synthesis of 2-aryl(alkyl)-6-hydroxymethyl-4-selenoxo-4H-pyrano[2,3-e][1,3]oxazin-8-one. *Inorganic and Nano-Metal Chemistry*, **2021**, 51, 480-484	1.2	1
73	Hexamethylenetetramine-based ionic liquid anchored onto the metal-organic framework MIL-101(Cr) as a superior and reusable heterogeneous catalyst for the preparation of hexahydroquinolines. *Research on Chemical Intermediates*, **2021**, 47, 2143-2159	2.8	1
72	Synthesis of a novel ternary ZIF-8/GO/MgFeO nanocomposite and its application in drug delivery. *Scientific Reports*, **2021**, 11, 18734	4.9	1
71	Environmentally Benign One-pot Synthesis of Benzo-Fused Seven-Membered Heterocyclic Compounds Using UiO-66 Metal-Organic Framework as Efficient and Reusable Catalyst. *ChemistrySelect*, **2020**, 5, 14554-14558	1.8	2
70	Synthesis and Application of ZIF-8 MOF Incorporated in a TiO2@Chitosan Nanocomposite as a Strong Nanocarrier for the Drug Delivery of Acyclovir. *ChemistrySelect*, **2020**, 5, 14564-14571	1.8	4
69	Multicomponent Preparation of Quinazolinone Derivatives in the Presence of TiO2 Nanoparticles Supported Ionic Liquids. *Polycyclic Aromatic Compounds*, **2020**, 1-18	1.3	2
68	Preparation and characterization of a novel DABCO-based ionic liquid supported on Fe3O4@TiO2 nanoparticles and investigation of its catalytic activity in the synthesis of quinazolinones. *Applied Organometallic Chemistry*, **2020**, 34, e5721	3.1	5
67	Preparation of core/shell/shell CoFe2O4/OCMC/Cu (BDC) nanostructure as a magnetically heterogeneous catalyst for the synthesis of substituted xanthenes, quinazolines and acridines under ultrasonic irradiation. *Applied Organometallic Chemistry*, **2020**, 34, e5580	3.1	7
66	A highly effective synthesis of pyrimido[4,5-b]quinoline-tetraones using H3PW12O40/chitosan/NiCo2O4 as a novel magnetic nanocomposite. *Polyhedron*, **2020**, 182, 114459	2.7	7
65	A Novel Preparation of Blankophor R Nanoparticles by Reverse Microemulsion Method. *Polycyclic Aromatic Compounds*, **2020**, 40, 1595-1605	1.3	0

64	Green synthesis and immobilization of TiO2 NPs using ILs-based on imidazole and investigation of its catalytic activity for the efficient synthesis of pyrimido[4,5-d]pyrimidines. *Journal of Molecular Structure*, **2020**, 1206, 127698	3.4	12
63	Novel and Green Preparation of Fe3O4@TiO2-Immobilized-ILs Based on DABCO for Highly Efficient Synthesis of Primido[4,5-d]pyrimidines. *ChemistrySelect*, **2020**, 5, 9097-9104	1.8	1
62	Metal□rganic frameworks: advanced tools for multicomponent reactions. *Green Chemistry*, **2020**, 22, 7265-7300	10	37
61	Hexamethylenetetramine-based ionic liquid/MIL-101(Cr) metal-organic framework composite: a novel and versatile tool for the preparation of pyrido[2,3-:5,6-']dipyrimidines.. *RSC Advances*, **2020**, 11, 364-373	3.7	3
60	Green Fabrication of Cobalt NPs using Aqueous Extract of Antioxidant Rich Zingiber and Their Catalytic Applications for the Synthesis of Pyrano[2,3-c]pyrazoles. *Combinatorial Chemistry and High Throughput Screening*, **2019**, 22, 18-26	1.3	11
59	The preparation and characterization of UiO-66 metal□rganic frameworks for the delivery of the drug ciprofloxacin and an evaluation of their antibacterial activities. *New Journal of Chemistry*, **2019**, 43, 16033-16040	3.6	36
58	Fe3O4@L-arginine as a Reusable Catalyst for the Synthesis of Polysubstituted 2-Pyrrolidinones. *Current Organocatalysis*, **2019**, 6, 61-68	1.2	3
57	Novel Br□sted Acidic Ionic Liquids Confined in UiO-66 Nanocages for the Synthesis of Dihydropyrido[2,3-]Pyrimidine Derivatives under Solvent-Free Conditions. *ACS Omega*, **2019**, 4, 10548-10557	3.9	26
56	Highly efficient and green approach for the synthesis of spirooxindole derivatives in the presence of novel Br□sted acidic ionic liquids incorporated in UiO-66 nanocages. *Applied Organometallic Chemistry*, **2019**, 33, e5027	3.1	14
55	A facile and regioselective synthesis of some new pyrimido[4,5-d][1,2,4]triazolo[1,5-a]pyrimidinediones catalyzed by Zn(BDC)-MOF under ultrasound irradiation. *Journal of Molecular Structure*, **2019**, 1195, 302-308	3.4	7
54	Synthesis and antimicrobial study of 1,4-dihydropyrano[2,3-c]pyrazole derivatives in the presence of amino-functionalized silica-coated cobalt oxide nanostructures as catalyst. *Polyhedron*, **2019**, 170, 172-179	2.7	25
53	Fabrication of UiO-66 nanocages confined br□sted ionic liquids as an efficient catalyst for the synthesis of dihydropyrazolo[4?,3□5,6]pyrano[2,3-d]pyrimidines. *Journal of Molecular Structure*, **2019**, 1194, 1-10	3.4	16
52	Synthesis, identification and application of the novel metal-organic framework FeO@PAA@ZIF-8 for the drug delivery of ciprofloxacin and investigation of antibacterial activity. *Artificial Cells, Nanomedicine and Biotechnology*, **2019**, 47, 2024-2030	6.1	34
51	H3PMo12O40-immobilized chitosan/Co3O4: A novel and recyclable nanocomposite for the synthesis of pyrimidinedione derivatives. *Applied Organometallic Chemistry*, **2019**, 33, e4748	3.1	6
50	An efficient synthesis of some new curcumin based pyrano[2,3-d]pyrimidine-2,4(3H)-dione derivatives using CoFe2O4@OCMC@Cu(BDC) as a novel and recoverable catalyst. *Journal of Molecular Structure*, **2019**, 1186, 204-211	3.4	11
49	MIL-53(Fe): Introduction of a new catalyst for the synthesis of Pyrimido[4,5-d]pyrimidine derivatives under solvent-free conditions. *Journal of Molecular Structure*, **2019**, 1197, 318-325	3.4	10
48	A highly efficient synthesis of 2,4-diamino-6-arylpyrimidine-5-carbonitrile derivatives using NiCo2O4@Ni(BDC) metal-organic frameworks as a novel and bifunctional catalyst. *Journal of Organometallic Chemistry*, **2019**, 900, 120935	2.3	5
47	Green synthesis of spiro[indoline-3,4'-pyrano[2,3-c]pyrazoles] using FeO@l-arginine as a robust and reusable catalyst. *BMC Chemistry*, **2019**, 13, 119	3.7	6

46	Synthesis of Pyrano[2, 3-d]Pyrimidine-2,4(3H)-Dione Derivatives Based-on Curcumin Using NiCo2O4@OCMC@Zn(BDC) Nanocomposite as a Novel and Efficient Catalyst. *Polycyclic Aromatic Compounds*, **2019**, 1-13	1.3	2
45	Preparation and Characterization of FeCo2O4 Nanoparticles: A Robust and Reusable Nanocatalyst for the Synthesis of 3,4-Dihydropyrimidin- 2(1H)-thiones and Thiazolopyrimidines. *Current Nanoscience*, **2019**, 15, 637-646	1.4	0
44	Zn (BDC)-(MOF): Introduction of a New Catalyst for the Synthesis Pyrimido[4,5-d]Pyrimidine Derivatives under Ultrasound Irradiation in the Absence of Solvent. *Polycyclic Aromatic Compounds*, **2019**, 1-10	1.3	8
43	Introduction of a Novel Brønsted Acidic Ionic Liquid Incorporated in UiO-66 Nanocages for the Efficient Synthesis of Pyrimido[4,5-d]Pyrimidines. *ChemistrySelect*, **2019**, 4, 12920-12927	1.8	10
42	MIL-53(Fe) Metal–Organic Frameworks (MOFs) as an Efficient and Reusable Catalyst for the One-Pot Four-Component Synthesis of Pyrano[2,3-c]-pyrazoles. *Applied Organometallic Chemistry*, **2019**, 33, e4679	3.1	41
41	NiCo2O4@Ni(BDC) Nano-Porous Metal–Organic Framework as a Novel Catalyst for the Synthesis of Spiro[indene[1,2-d]pyrimidine-ones and Investigation of Their Antimicrobial Activities. *ChemistrySelect*, **2019**, 4, 729-736	1.8	18
40	Ultrasound-promoted an efficient method for the one-pot synthesis of indeno fused pyrido[2,3-d]pyrimidines catalyzed by H3PW12O40 functionalized chitosan@Co3O4 as a novel and green catalyst. *Journal of Organometallic Chemistry*, **2019**, 880, 75-82	2.3	12
39	Multi-component synthesis of spiro[diindeno[1,2-b:2?,1?-e]pyridine-11,3?-indoline]-triones using zinc terephthalate metal-organic frameworks. *Green Chemistry Letters and Reviews*, **2018**, 11, 47-53	4.7	27
38	Co3O4@SiO2 Nanocomposite as a Powerful and Reusable Catalyst for the Synthesis of 13-Aryl-indeno[1,2-b]naphtha[1,2-e]pyran-12(13H)-ones **2018**, 42, 1199-1207		1
37	Synthesis and Antibacterial Evaluation of Some New 1,4-Dihydropyridines in the Presence of Fe3O4@Silica Sulfonic Acid Nanocomposite as Catalyst. *Acta Chimica Slovenica*, **2018**, 65, 199-207	1.9	8
36	Synthesis of some Novel Imidazoles Catalyzed by Co3O4 Nanoparticles and Evaluation of their Antibacterial Activities. *Combinatorial Chemistry and High Throughput Screening*, **2018**, 21, 271-280	1.3	6
35	Magnetite Nanoparticles-Supported APTES as a Powerful and Recoverable Nanocatalyst for the Preparation of 2-Amino-5,10-dihydro- 5,10-dioxo-4H-benzo[g]chromenes and Tetrahydrobenzo[g]quinoline-5,10- diones. *Combinatorial Chemistry and High Throughput Screening*, **2017**, 20, 64-76	1.3	4
34	Zinc oxide nanoparticle promoted highly efficient one pot three-component synthesis of 2,3-disubstituted benzofurans. *Arabian Journal of Chemistry*, **2017**, 10, S1774-S1780	5.9	12
33	Preparation and Catalytic Study on a Novel Amino-functionalized Silica-coated Cobalt Oxide Nanocomposite for the Synthesis of Some Indazoles. *Acta Chimica Slovenica*, **2017**, 64, 73-82	1.9	3
32	Nano-Fe3O4 -encapsulated silica particles bearing sulfonic acid groups as a magnetically separable catalyst for the green and efficient synthesis of 14-aryl-14H-dibenzo[a,i]xanthene-8,13-dione derivatives. *Research on Chemical Intermediates*, **2016**, 42, 1057-1069	2.8	15
31	CuI-nanoparticles-catalyzed one-pot synthesis of benzo[b]furans via three-component coupling of aldehydes, amines and alkyne. *Journal of Saudi Chemical Society*, **2016**, 20, 502-509	4.3	6
30	Ultrasound-assisted one-pot multi-component synthesis of 2-pyrrolidinon-3-olates catalyzed by Co3O4@SiO2 core–shell nanocomposite. *Green Chemistry Letters and Reviews*, **2016**, 9, 156-165	4.7	8
29	Fe3O4@SiO2-NH2 Nanocomposite as a Robust and Effective Catalyst for the One-pot Synthesis of Polysubstituted Dihydropyridines. *Acta Chimica Slovenica*, **2016**, 63, 627-37	1.9	6

28	Rapid and Efficient One-Pot Synthesis of 3,4-Dihydroquinoxalin-2-Amine Derivatives Catalyzed by Co3O4@SiO2 Core-Shell Nanoparticles Under Ultrasound Irradiation. *Combinatorial Chemistry and High Throughput Screening*, **2016**, 19, 592-601	1.3	13
27	Facile and efficient synthesis of benzo[b][1,5]diazepines by three-component coupling of aromatic diamines, Meldrum's acid, and isocyanides catalyzed by Fe3O4 nanoparticles. *Research on Chemical Intermediates*, **2015**, 41, 8625-8636	2.8	19
26	CuI nanoparticles as a remarkable catalyst in the synthesis of benzo[b][1,5]diazepines: an eco-friendly approach. *Acta Chimica Slovenica*, **2015**, 62, 103-10	1.9	2
25	Fe3O4@silica Sulfonic Acid Nanocomposite as a Magnetically Separable Catalyst for the Synthesis of 2-Arylpyrrolo[2,3,4-kl]Acridin-1(2H)-Ones. *Journal of Chemical Research*, **2015**, 39, 380-386	0.6	9
24	Synthesis and characterization of ZnO nanoparticles: Application to one-pot synthesis of benzo[b][1,5]diazepines. *Cogent Chemistry*, **2015**, 1, 1095060	2.5	10
23	An efficient and green one-pot synthesis of indazolo[1,2-b]-phthalazinetriones via three-component reaction of aldehydes, dimedone, and phthalhydrazide using Fe3O4@SiO2 core–shell nanoparticles. *Research on Chemical Intermediates*, **2015**, 41, 7703-7714	2.8	27
22	An efficient multi-component synthesis of 14-aryl-14H-dibenzo[a,j]xanthene derivatives by AgI nanoparticles. *Journal of Saudi Chemical Society*, **2015**, 19, 642-649	4.3	17
21	Fe3O4@SiO2–NH2 core-shell nanocomposite as an efficient and green catalyst for the multi-component synthesis of highly substituted chromeno[2,3-b]pyridines in aqueous ethanol media. *Green Chemistry Letters and Reviews*, **2015**, 8, 40-49	4.7	54
20	Efficient, One-Pot Synthesis of Polyfunctionalised Octahydroquinazolin-2,5-Diones Catalysed by Fe3O4 Nanoparticles. *Journal of Chemical Research*, **2015**, 39, 56-61	0.6	3
19	Pyrimidine-2-thione derivatives as corrosion inhibitors for mild steel in acidic environments. *RSC Advances*, **2015**, 5, 11145-11162	3.7	58
18	Synthesis and Characterization of Fe3O4@SiO2 NPs as an Effective Catalyst for the Synthesis of Tetrahydrobenzo[a]xanthen-11-ones. *Acta Chimica Slovenica*, **2015**, 62, 977-85	1.9	12
17	AgI nanoparticles as a remarkable catalyst in the synthesis of (amidoalkyl)naphthol and oxazine derivatives: an eco-friendly approach. *Monatshefte Für Chemie*, **2014**, 145, 1191-1199	1.4	15
16	An Efficient, One-Pot Synthesis of Polyfunctionalised Dihydropyridines Catalysed by AgI Nanoparticles. *Journal of Chemical Research*, **2014**, 38, 313-316	0.6	15
15	Solvent-free synthesis of dihydropyrano[3,2-c]chromene and biscoumarin derivatives using magnesium oxide nanoparticles as a recyclable catalyst. *Acta Chimica Slovenica*, **2014**, 61, 703-8	1.9	15
14	Silver iodide nanoparticle as an efficient and reusable catalyst for the one-pot synthesis of benzofurans under aqueous conditions. *Journal of Chemical Sciences*, **2013**, 125, 1003-1008	1.8	17
13	CuI nanoparticles: a highly active and easily recyclable catalyst for the synthesis of 2-amino-3,5-dicyano-6-sulfanyl pyridines. *Journal of Sulfur Chemistry*, **2013**, 34, 233-241	2.3	24
12	Fe3o4 nanoparticles: A highly efficient and easily reusable catalyst for the one-pot synthesis of xanthene derivatives under solvent-free conditions. *Journal of the Serbian Chemical Society*, **2013**, 78, 769-779	0.9	43
11	Preparation of 4,6-Diaryl-3,4-dihydropyrimidine-2(1H)-thiones in an Ionic Liquid. *Organic Preparations and Procedures International*, **2012**, 44, 527-531	1.1	5

10	Zinc oxide nanoparticles: A highly efficient and readily recyclable catalyst for the synthesis of xanthenes. *Chinese Chemical Letters*, **2012**, 23, 1225-1229	8.1	50
9	Fe3O4 nanoparticles: As an efficient, green and magnetically reusable catalyst for the one-pot synthesis of 1,8-dioxo-decahydroacridine derivatives under solvent-free conditions. *Comptes Rendus Chimie*, **2012**, 15, 969-974	2.7	69
8	Synthesis of some 3,5-diarylisoxazoline derivatives in ionic liquids media. *Journal of the Serbian Chemical Society*, **2012**, 77, 733-739	0.9	8
7	ZnO Nanoparticles as New and Efficient Catalyst for the One-pot Synthesis of Polyfunctionalized Pyridines. *Acta Chimica Slovenica*, **2012**, 59, 697-702	1.9	18
6	Ultrasound-assisted synthesis of dihydropyrimidine-2-thiones. *Journal of the Serbian Chemical Society*, **2011**, 76, 679-684	0.9	22
5	Preparation of 4,6-Diarylindazole Derivatives in Ionic Liquid under Solvent-free Conditions. *Organic Preparations and Procedures International*, **2010**, 42, 485-489	1.1	10
4	Multicomponent Synthesis of Pyrimidoquinolinetriones and Pyridodipyrimidines in the Presence of Triethylenediamine-Based Ionic Liquid/MIL-101(Cr) Metal-Organic Framework Composite. *Polycyclic Aromatic Compounds*,1-20	1.3	0
3	An Efficient and One-Pot Synthesis of 2-Aryl-4-Selenoxo-4H-Naphtho[2,3-e][1,3]Oxazine-5,10-Diones. *Polycyclic Aromatic Compounds*,1-6	1.3	1
2	A Three-Component Process for the Synthesis of Tetrazolo[1,5-a]Pyrimidine-6-Carbonitrile Derivaties Using Amino-Functionalized UiO-66(Zr) Metal Organic Framwork (MOF). *Polycyclic Aromatic Compounds*,1-12	1.3	1
1	Preparation and characterization of a novel Fe3O4@PAA@MIL-100(Cr) metal-organic framework for the drug delivery of ciprofloxacin and investigation of its antibacterial activities. *Inorganic and Nano-Metal Chemistry*,1-7	1.2	0