

# Akbar Heydari

## List of Publications by Year in descending order

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216  
papers

5,023  
citations

76196

40  
h-index

143772

57  
g-index

260  
all docs

260  
docs citations

260  
times ranked

4646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-magnetic-iron Oxides@choline Acetate as a Heterogeneous Catalyst for the Synthesis of 1,2,3-Triazoles. <i>Catalysis Letters</i> , 2022, 152, 1678-1691.	1.4	3
2	A Greener Approach to Oxazolidinone Synthesis Using a Ternary Deep Eutectic Solvent. <i>ChemistrySelect</i> , 2022, 7, .	0.7	1
3	Using choline nitrate as solvent and oxidant in direct oxidation of organic halides and alcohols to aldehyde and its derivatives. <i>Journal of Molecular Structure</i> , 2022, 1264, 133267.	1.8	2
4	Confined-based catalyst investigation through the comparative functionalization and defunctionalization of Zr-MOF. <i>RSC Advances</i> , 2022, 12, 16358-16368.	1.7	4
5	Innovative application of magnetically modified bovine horn as a natural keratin resource in the role of value-added organocatalyst. <i>RSC Advances</i> , 2022, 12, 16535-16543.	1.7	1
6	Fluorinated solvent-assisted photocatalytic aerobic oxidative amidation of alcohols <i>via</i> visible-light-mediated HKUST-1/Cs-POMoW catalysis. <i>New Journal of Chemistry</i> , 2021, 45, 14024-14035.	1.4	15
7	g-C <sub>3</sub> N <sub>4</sub> @Ce-MOF Z-scheme heterojunction photocatalyzed cascade aerobic oxidative functionalization of styrene. <i>New Journal of Chemistry</i> , 2021, 45, 6671-6681.	1.4	16
8	Ultrasonic Synthesis and Characterization of Organic-Inorganic Nafion/Layered Double Hydroxide Nanohybrids and the Application in Ritter Reaction. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1451-1460.	1.9	2
9	Pd II Dispersed on Magnetic Partially Reduced GO/OMWCNT Non-Covalently Modified with a Vic-Dioxime: An Efficient and Magnetically Retrievable Catalyst for Suzuki-Miyaura Coupling Reaction. <i>ChemistrySelect</i> , 2021, 6, 1107-1117.	0.7	2
10	A sustainable approach for efficient one-pot synthesis of aryl 1,2,3-triazoles using copper iodide supported on chionicotinyl-urea-modified magnetic nanoparticles in DES. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6255.	1.7	11
11	The novel acid-base magnetic recyclable catalyst prepared through carbon disulfide trapping process: Applied for green, one-pot, and efficient synthesis of 2,3-dihydroquinazolin-4 (1H)-ones and bis(indolyl)methanes in large-scale. <i>Molecular Catalysis</i> , 2021, 506, 111532.	1.0	2
12	The synthesis and characterization of Fe <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> -SO <sub>3</sub> H nanofibers as a novel magnetic core-shell catalyst for formamidine and formamide synthesis. <i>Heliyon</i> , 2021, 7, e07165.	1.4	6
13	Additive-free aerobic C-H oxidation through a defect-engineered Ce-MOF catalytic system. <i>Microporous and Mesoporous Materials</i> , 2021, 322, 111054.	2.2	26
14	Palladium supported on MRGO@CoAl-LDH catalyzed reductive carbonylation of nitroarenes and carbonylative Suzuki coupling reactions using formic acid as liquid CO and H <sub>2</sub> source. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6368.	1.7	3
15	Molecular docking and DFT studies of a series of tetrazole derivatives and computational studies of Fe <sub>3</sub> O <sub>4</sub> @Phenyl phosphate creatine. <i>Journal of Molecular Structure</i> , 2021, 1238, 130389.	1.8	3
16	Magnetic nanostructure-anchored mixed-donor ligand system based on carboxamide and N-heterocyclic thiones: An efficient support of CuI catalyst for synthesis of imidazo[1,2-a]pyridines in eutectic medium. <i>Applied Catalysis A: General</i> , 2021, 624, 118306.	2.2	10
17	An in-depth DFT insight into the mechanism of NHC-catalyzed generation of p-quinodimethanes: Investigation the role of NHC and different substituents on $\mu$ -functionalization. <i>Computational and Theoretical Chemistry</i> , 2021, 1203, 113350.	1.1	3
18	Efficient strategy for interchangeable roles in a green and sustainable redox catalytic system: IL/PdII-decorated SBA-15 as a mesoporous nanocatalyst. <i>New Journal of Chemistry</i> , 2021, 45, 6682-6692.	1.4	10

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19	Sustainable Visible Light-Driven Heck and Suzuki Reactions Using NiCu Nanoparticles Adorned on Carbon Nano-onions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14061-14069.	3.2	8
20	Deep Eutectic Solvent Mediated Carbonylation of Amines and Alcohols by Using Dimethyl Carbonate: Selective Symmetrical Urea and Organic Carbonate Synthesis. <i>ChemistrySelect</i> , 2021, 6, 11453-11459.	0.7	1
21	Visible light-driven direct synthesis of ketones from aldehydes via C H bond activation using NiCu nanoparticles adorned on carbon nano onions. <i>Molecular Catalysis</i> , 2021, 516, 111987.	1.0	4
22	Amino acid-assisted ferrite/MOF composite formation for visible-light induced photocatalytic cascade C=C aerobic oxidative cleavage functionalization. <i>Molecular Catalysis</i> , 2021, 516, 111949.	1.0	2
23	Acid-Base Magnetic Silica Heterogeneous Catalyst for Green Aldol and Aza-Michael Reactions. <i>ChemistrySelect</i> , 2021, 6, 12424-12430.	0.7	0
24	Synthesis and Characterization of Copper(I)-Cysteine Complex Supported on Magnetic Layered Double Hydroxide as an Efficient and Recyclable Catalyst System for Click Chemistry Using Choline Azide as Reagent and Reaction Medium. <i>Catalysis Letters</i> , 2020, 150, 1186-1195.	1.4	15
25	Imidazole-aryl coupling reaction via C H bond activation catalyzed by palladium supported on modified magnetic reduced graphene oxide in alkaline deep eutectic solvent. <i>Catalysis Communications</i> , 2020, 135, 105890.	1.6	17
26	Magnetic $\text{Fe}_3\text{O}_4$ @Cu-LDH intercalated with Palladium Cysteine: An efficient dual nano catalyst in tandem C N coupling and cyclization progress of synthesis quinolines. <i>Applied Clay Science</i> , 2020, 198, 105841.	2.6	10
27	N-Heterocyclic carbene (NHC)-catalyzed oxidative [3+2] annulation of dioxindoles and enals: mechanism, role of NHC, role of a mixture of bases with different strength, and origin of stereoselectivity. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 28269-28276.	1.3	4
28	Synthesis of acetamides via oxidative C=C bond cleavage of ketones catalyzed by Cu-immobilized magnetic nanoparticles. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5855.	1.7	1
29	Acceptorless dehydrogenative oxidation of primary alcohols to carboxylic acids and reduction of nitroarenes via hydrogen borrowing catalyzed by a novel nanomagnetic silver catalyst. <i>Journal of Organometallic Chemistry</i> , 2020, 924, 121453.	0.8	11
30	Magnetic acyclovir-copper nanoparticle: DFT study and application as an efficient, magnetically separable and recyclable catalyst for N-arylation of amines under green condition. <i>Inorganic Chemistry Communication</i> , 2020, 122, 108240.	1.8	8
31	Ultrasonic Synthesis and Characterization of 2D and 3D Metal-Organic Frameworks and Their Application in the Oxidative Amidation Reaction. <i>ACS Omega</i> , 2020, 5, 21412-21419.	1.6	15
32	Iron tungstate ceramic nanofibres fabricated using the electrospinning method. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	0.8	2
33	Silver chloride supported on Vitamin B <sub>1</sub> - Organometallic magnetic catalyst: synthesis, density functional theory study and application in A <sup>3</sup> -coupling reactions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5725.	1.7	10
34	Oxidative amidation by Cu-guanidine acetic acid immobilized on magnetized sawdust with eggshell as a natural base. <i>New Journal of Chemistry</i> , 2020, 44, 11777-11785.	1.4	3
35	Synthesis and characterization of Pd(II)-vitamin B <sub>6</sub> complex supported on magnetic nanoparticle as an efficient and recyclable catalyst system for C=N cross coupling of amides in deep eutectic solvents. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5723.	1.7	8
36	BiPO <sub>4</sub> decorated with Ni-Fe layered double hydroxide as a highly efficient and reusable heterogeneous catalyst for aldol condensation in green solvent. <i>Materials Chemistry and Physics</i> , 2020, 253, 123327.	2.0	9

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37	Inspection of Thermodynamic Behaviors in Binary Mixtures of a Double Chain Ionic Liquid Crystal with a Thermotropic Liquid Crystal. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 3605-3612.	1.0	1
38	Stabilizing Pd on magnetic phosphine-functionalized cellulose: DFT study and catalytic performance under deep eutectic solvent assisted conditions. <i>Carbohydrate Polymers</i> , 2020, 235, 115947.	5.1	23
39	MnO <sub>2</sub> @Mg-Al layered double hydroxide Nanosheets: A sustainable and recyclable photocatalyst toward oxidation of benzyl alcohol. <i>Applied Clay Science</i> , 2020, 187, 105494.	2.6	19
40	Diphenyl phosphate creatine immobilized on magnetite nanoparticles: an efficient and recyclable catalyst for Aza-Michael reaction. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	0.7	8
41	Copper (II) immobilized on magnetically separable l-arginine- $\beta$ -cyclodextrin ligand system as a robust and green catalyst for direct oxidation of primary alcohols and benzyl halides to acids in neat conditions. <i>Journal of Organometallic Chemistry</i> , 2020, 911, 121128.	0.8	15
42	Copper(I)-creatine complex on magnetic nanoparticles as a green catalyst for <i>N</i> - and <i>O</i> -arylation in deep eutectic solvent. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5447.	1.7	23
43	Tandem Oxidative Pudovik Reaction Using Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -Metformin-Cu (II) as an Efficient and Recoverable Catalyst. <i>ChemistrySelect</i> , 2020, 5, 4263-4266.	0.7	8
44	1, 4-Diazabicyclo[2.2.2]octane-sulfonic acid immobilized on magnetic Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles: a novel and recyclable catalyst for the one-pot synthesis of 4-aryl-NH-1, 2, 3-triazoles. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	0.7	3
45	Fe <sub>2</sub> O <sub>3</sub> @[proline]-CuMgAl-LDH: A magnetic bifunctional copper and organocatalyst system for one-pot synthesis of quinolines and 2 H-indazoles in green media. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5760.	1.7	3
46	Ultrasonic assisted adsorptive removal of toxic heavy metals from environmental samples using functionalized silica-coated magnetic multiwall carbon nanotubes (MagMWCNTs@SiO <sub>2</sub> ). <i>Engineering in Agriculture, Environment and Food</i> , 2019, 12, 435-442.	0.2	6
47	$\frac{3}{\text{O}}$ A green synthesis of nitrones in glycerol. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	3.0	23
48	A green synthesis of nitrones in glycerol. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	2
49	Folic Acid-Functionalized Magnetic Nanoparticles as Green and Magnetic Recyclable Catalyst for the Synthesis of 4-Aryl-NH-1,2,3-triazoles in a Green Media. <i>ChemistrySelect</i> , 2019, 4, 11930-11935.	0.7	13
50	Tungstate-supported silica-coated magnetite nanoparticles: a novel magnetically recoverable nanocatalyst for green synthesis of nitroso arenes. <i>Chemical Papers</i> , 2019, 73, 1575-1583.	1.0	5
51	Oxidative amidation of benzyl alcohol, benzaldehyde, benzoic acid styrene and phenyl acetylene catalyzed by ordered mesoporous HKUST-1-Cu: Effect of surface area on oxidative amidation reaction. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4822.	1.7	17
52	Central composite design for optimization of removal of trace amounts of toxic heavy metal ions from aqueous solution using magnetic Fe <sub>3</sub> O <sub>4</sub> functionalized by guanidine acetic acid as an efficient nano-adsorbent. <i>Microchemical Journal</i> , 2019, 147, 133-141.	2.3	20
53	Aza-Michael Addition of 5-Substituted Tetrazole Catalysed By a Novel Nanoparticle Solid Base Catalyst Involving a Layered Zinc Hydroxide Supported on a Ferrite Core. <i>ChemistrySelect</i> , 2019, 4, 2568-2575.	0.7	13
54	Modulation of the competition between renaturation and aggregation of lysozyme by additive mixtures. <i>Biotechnology and Applied Biochemistry</i> , 2019, 67, 330-342.	1.4	1

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55	A unique combination of KI/ZnFe <sub>2</sub> O <sub>4</sub> as a catalyst for oxidative Strecker reaction. Applied Organometallic Chemistry, 2019, 33, e4616.	1.7	6
56	Synthesis and sustainable assessment of thiol-functionalization of magnetic graphene oxide and superparamagnetic Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> for Hg(II) removal from aqueous solution and petrochemical wastewater. Journal of the Taiwan Institute of Chemical Engineers, 2019, 95, 78-93.	2.7	44
57	A magnetically recoverable copper-salen complex as a nano-catalytic system for amine protection via acetylation using thioacetic acid. Research on Chemical Intermediates, 2019, 45, 1775-1793.	1.3	11
58	Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -copper sucrose xanthate as a green nanocatalyst for N-acylation. Applied Organometallic Chemistry, 2019, 33, e4619.	1.7	7
59	Citric acid stabilized on the surface of magnetic nanoparticles as an efficient and recyclable catalyst for transamidation of carboxamides, phthalimide, urea and thiourea with amines under neat conditions. Journal of the Iranian Chemical Society, 2019, 16, 393-400.	1.2	15
60	Preparation of ceramic nanofibers of iron vanadate using electrospinning method. Materials Science-Poland, 2019, 37, 645-651.	0.4	3
61	Formic acid catalyzed one-pot synthesis of $\alpha$ -aminophosphonates: an efficient, inexpensive and environmental friendly organocatalyst. Chemical Papers, 2018, 72, 2215-2223.	1.0	1
62	Glycerol-CO <sub>2</sub> Deep Eutectic Solvent as Environmentally Friendly Media with Basic and Dehumidifier Synergistic Effect for Running of Willgerodt-Kindler Reaction. ChemistrySelect, 2018, 3, 3265-3267.	0.7	10
63	Formamidinesulfonic Acid-Functionalized Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> as a Green and Magnetic Recyclable Catalyst for Synthesis of Pyrano[2,3-d] pyrimidinone Derivatives. ChemistrySelect, 2018, 3, 1787-1792.	0.7	12
64	Efficient Synthesis of N-Acylureas Using Copper Oxide Supported on Magnetic Nanoparticles in Deep Eutectic Solvent. ChemistrySelect, 2018, 3, 77-80.	0.7	8
65	Choline Azide: New Reagent and Ionic Liquid in Catalyst-Free and Solvent-Free Synthesis of 5-Substituted-1 <i>H</i> -Tetrazoles: A Triple Function Reagent. ChemistrySelect, 2018, 3, 116-121.	0.7	19
66	Phosphated tungstate: An efficient new solid phosphoric acid catalyst for the synthesis of heterocyclic nitrones. Applied Organometallic Chemistry, 2018, 32, e3944.	1.7	1
67	Activity, stability and structure of laccase in betaine based natural deep eutectic solvents. International Journal of Biological Macromolecules, 2018, 107, 2574-2579.	3.6	112
68	Efficient Method to Synthesize Benzhydrazides by In Situ Oxidation/Coupling of Benzylic Alcohols with Azodicarboxylates. Synlett, 2018, 29, 189-192.	1.0	1
69	Life cycle assessment of nanoadsorbents at early stage technological development. Journal of Cleaner Production, 2018, 174, 527-537.	4.6	20
70	Copper-amino group complexes supported on silica-coated magnetite nanoparticles: efficient catalyst for oxidative amidation of methyl arenes. New Journal of Chemistry, 2018, 42, 3900-3908.	1.4	19
71	Copper-vitamin B <sub>6</sub> coated on maghemite nanoparticles: A new convenient dual catalysis system to synthesize $\alpha$ -aminonitriles from benzyl alcohols. Applied Organometallic Chemistry, 2018, 32, e4589.	1.7	1
72	Deep Eutectic Solvents as a New Generation of Chemical Chaperones. ChemistrySelect, 2018, 3, 10603-10607.	0.7	9

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73	Magnetic Nanoparticle-Supported Cu <sup>II</sup> -NHC Complex as an Efficient and Recoverable Catalyst for Nitrile Hydration. <i>Catalysis Letters</i> , 2018, 148, 3378-3388.	1.4	16
74	Architected Fe <sub>3</sub> Pd <sub>2</sub> (OH) <sub>2</sub> [picolinic acid] <sub>8</sub> (H <sub>2</sub> O) <sub>4</sub> Hybrid Nanorods: A Remarkably Reusable and Robust Heterogeneous Catalyst for Suzuki-Miyaura and Mizoroki-Heck Cross-Coupling Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12613-12620.	3.2	13
75	Copper(I)-Caffeine Complex Immobilized on Silica-Coated Magnetite Nanoparticles: A Recyclable and Eco-friendly Catalyst for Click Chemistry from Organic Halides and Epoxides. <i>Catalysis Letters</i> , 2018, 148, 3257-3268.	1.4	45
76	Detection of the chirp signal features caused by Doppler phenomenon in the presence of destructive agents based on cyclostationary and Hough transform methods. <i>IET Signal Processing</i> , 2018, 12, 394-402.	0.9	5
77	BF <sub>3</sub> -grafted Fe <sub>3</sub> O <sub>4</sub> @Sucrose nanoparticles as a highly efficient acid catalyst for syntheses of Dihydroquinazolinones (DHQZs) and Bis-Indolyl Methanes (BIMs). <i>Applied Organometallic Chemistry</i> , 2018, 32, e4431.	1.7	9
78	Copper oxide supported on magnetic nanoparticles (CuO@Fe <sub>2</sub> O <sub>3</sub> ): An efficient and magnetically separable nanocatalyst for addition of amines to carbodiimides towards synthesis of substituted guanidines. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3695.	1.7	6
79	Preparation and characterization of copper chloride supported on citric acid-modified magnetite nanoparticles (Cu <sup>2+</sup> @CA@Fe <sub>3</sub> O <sub>4</sub> ) and evaluation of its catalytic activity in the reduction of nitroarene compounds. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3822.	1.7	13
80	Terbium-organic framework as heterogeneous Lewis acid catalyst for $\alpha$ -aminoalcohol synthesis: Efficient, reusable and green catalytic method. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3866.	1.7	24
81	The use of palladium nanoparticles supported on active carbon for synthesis of disproportionated rosin (DPR). <i>Journal of Nanostructure in Chemistry</i> , 2017, 7, 61-66.	5.3	2
82	Deep eutectic solvent (DES) as dual solvent/catalyst for synthesis of $\alpha$ -diazocarbonyl compounds using aldol-type coupling. <i>Journal of Molecular Liquids</i> , 2017, 234, 129-132.	2.3	21
83	Mild and eco-friendly chemoselective acylation of amines in aqueous medium using a green, superparamagnetic, recoverable nanocatalyst. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3744.	1.7	9
84	Erbium-Organic Framework as Heterogeneous Lewis Acid Catalysis for Hantzsch Coupling and Tetrahydro-4H-Chromene Synthesis. <i>Catalysis Letters</i> , 2017, 147, 453-462.	1.4	30
85	Interference alignment in the multi input multi output cellular network systems with incomplete measurement of channel information. , 2017, , .		0
86	Selective Oxidation of Secondary Amines to N,N-Disubstituted Hydroxylamines by Choline Peroxydisulfate. <i>Synlett</i> , 2017, 28, 2315-2319.	1.0	7
87	Choline chloride/monoethylene glycol deep eutectic solvent as a new asphaltene precipitation inhibitor. <i>Petroleum Science and Technology</i> , 2017, 35, 1896-1902.	0.7	15
88	A facial, scalable, and green synthesis of superparamagnetic palladium-carbon catalyst and its use in disproportionation of gum rosin. <i>Journal of Nanostructure in Chemistry</i> , 2017, 7, 201-206.	5.3	1
89	Direct oxidative esterification of toluene with 1,3-dicarbonyl compounds catalysed by copper complex supported on magnetic nanoparticles. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3658.	1.7	12
90	Glucose-coated superparamagnetic nanoparticle-catalysed pyrazole synthesis in water. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3641.	1.7	13

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91	Synthesis, characterization, thermal and computational studies of novel tetraazido compounds as energetic plasticizers. <i>Journal of Molecular Structure</i> , 2017, 1130, 447-454.	1.8	7
92	Nanorods of FeVO <sub>4</sub> : An efficient heterogeneous catalyst for chemoselective oxidation of benzylic alcohols. <i>Inorganic and Nano-Metal Chemistry</i> , 2017, 47, 248-255.	0.9	9
93	Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> @EDTA nanoparticles as an efficient adsorbent for simultaneous removal of Ag(I), Hg(II), Mn(II), Zn(II), Pb(II) and Cd(II) from water and soil environmental samples. <i>Microchemical Journal</i> , 2017, 131, 51-56.	2.3	119
94	Oxidative esterification of methylarenes and 1,3-dicarbonyls catalysed by copper chloride immobilized on magnetic nanoparticles. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3674.	1.7	4
95	Fluorescence Chemosensory Determination of Cu <sup>2+</sup> Using a New Rhodamine-Morpholine Conjugate. <i>Chemosensors</i> , 2017, 5, 26.	1.8	15
96	Guanidine Acetic Acid Functionalized Magnetic Nanoparticles: Recoverable Green Catalyst for Transamidation. <i>ChemistrySelect</i> , 2016, 1, 6328-6333.	0.7	20
97	Novel Magnetically Separable Sulfated Boric Acid Functionalized Nanoparticles for Hantzsch Ester Synthesis. <i>Synlett</i> , 2016, 27, 1810-1813.	1.0	12
98	Imidazolium chloride immobilized on copper acetylacetonate-grafted magnetic chitosan as a new metal/ionic liquid bifunctional catalyst for selective oxidation of benzyl alcohols in water. <i>RSC Advances</i> , 2016, 6, 89313-89321.	1.7	22
99	Detection of chirp signal using generalized almost-cyclostationary in presence of the leakage signal. , 2016, , .		0
100	Performance of the cognitive coexistence system networks using the interference cancellation method in Nakagami channel. , 2016, , .		2
101	Transamidation of primary carboxamides, phthalimide, urea and thiourea with amines using Fe(OH) <sub>3</sub> @Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles as an efficient recyclable catalyst. <i>RSC Advances</i> , 2016, 6, 24684-24689.	1.7	27
102	Simultaneous determination of pyrethroids residues in fruit and vegetable samples via supercritical fluid extraction coupled with magnetic solid phase extraction followed by HPLC-UV. <i>Journal of Supercritical Fluids</i> , 2016, 107, 571-580.	1.6	65
103	Organotin oxotungstate coordination polymer: An efficient catalyst for the selective oxidation of amines. <i>Comptes Rendus Chimie</i> , 2015, 18, 132-136.	0.2	3
104	Encapsulation of Pd(II) into superparamagnetic nanoparticles grafted with EDTA and their catalytic activity towards reduction of nitroarenes and Suzuki-Miyaura coupling. <i>Applied Organometallic Chemistry</i> , 2015, 29, 187-194.	1.7	26
105	FeSO <sub>4</sub> ·7H <sub>2</sub> O-catalyzed oxidative amidation of methylarenes. <i>Tetrahedron Letters</i> , 2015, 56, 2674-2677.	0.7	16
106	Oxidative coupling of formamides with 1,2-dicarbonyl compounds and the synthesis of 2-aminobenzothiazole using Cu(II)-functionalized Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Tetrahedron Letters</i> , 2015, 56, 812-816.	0.7	12
107	Superparamagnetic Fe(OH) <sub>3</sub> @Fe <sub>3</sub> O <sub>4</sub> Nanoparticles: An Efficient and Recoverable Catalyst for Tandem Oxidative Amidation of Alcohols with Amine Hydrochloride Salts. <i>ACS Combinatorial Science</i> , 2015, 17, 341-347.	3.8	50
108	Thiourea-functionalized magnetic hydroxyapatite as a recyclable inorganic-organic hybrid nanocatalyst for conjugate hydrocyanation of chalcones with TMSCN. <i>Catalysis Communications</i> , 2015, 72, 6-10.	1.6	12

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109	Green synthesis of nitroenamines by $\text{Fe}_3\text{O}_4/\text{SiO}_2/\text{OSO}_3\text{H}$ nanoparticles as a highly efficient and magnetically separable catalyst. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 903-907.	1.2	3
110	Magnetic $\text{Fe}_3\text{O}_4$ Nanofibers: an Efficient and Recyclable Catalyst for Solvent-Free selective Oxidation of Benzylic Alcohols. <i>Letters in Organic Chemistry</i> , 2015, 12, 598-604.	0.2	3
111	Maghemite Supported Copper Oxide Nanocatalyst for the $\text{C}-\text{H}$ Insertion Reaction with Ethyl Diazoacetate. <i>Catalysis Letters</i> , 2014, 144, 2204-2209.	1.4	4
112	Nanomagnetically Modified Sulfuric Acid ( $\text{Fe}_3\text{O}_4/\text{SiO}_2/\text{OSO}_3\text{H}$ ): An Efficient, Fast, and Reusable Catalyst for Greener Paal-Knorr Pyrrole Synthesis. <i>Catalysis Letters</i> , 2014, 144, 1339-1343.	1.4	21
113	Magnetic Nanoparticles Supported Ionic Liquids Improve Firefly Luciferase Properties. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 3116-3127.	1.4	9
114	Preparation and characterization of magnetic $\text{Fe}_3\text{O}_4$ nanofibers coated with uniform layers of silica. <i>Ceramics International</i> , 2014, 40, 5913-5919.	2.3	21
115	Trichloroacetonitrile-hydrogen peroxide: a simple and efficient system for the selective oxidation of tertiary and secondary amines. <i>Tetrahedron Letters</i> , 2014, 55, 2513-2516.	0.7	9
116	Reductive amination of aldehydes and ketones catalyzed by deep eutectic solvent using sodium borohydride as a reducing agent. <i>Journal of Molecular Liquids</i> , 2014, 196, 208-210.	2.3	24
117	Core-Shell $\text{Fe}_3\text{O}_4/\text{SiO}_2$ Nanofibers: A Magnetic Recyclable Catalyst for One-Pot Reductive Amination of Carbonyl Compound. <i>Catalysis Letters</i> , 2014, 144, 2210-2215.	1.4	8
118	A catalyst-free synthesis of $\alpha$ -aminophosphonates in glycerol. <i>Tetrahedron Letters</i> , 2014, 55, 7236-7239.	0.7	17
119	PVA/ $\text{Fe}(\text{NO}_3)_3$ nanofiber mats: an efficient, heterogeneous and recyclable catalyst for the synthesis of quinolines via Friedländer annulations. <i>RSC Advances</i> , 2014, 4, 58208-58213.	1.7	7
120	Transition-metal-free oxidative amidation of benzyl alcohols with amines catalyzed by $\text{NaI}$ : a new method for the synthesis of benzamides. <i>Tetrahedron Letters</i> , 2014, 55, 5351-5353.	0.7	29
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