Arashâ€ Ghorbani-Choghamarani

List of Publications by Year
in descending order

278 papers	7,733 citations	50276 46 h-index	118850 62 g-index
317 all docs	317 docs citations	317 times ranked	2748 citing authors

#	Article	IF	Citations
1	Application of N-halo reagents in organic synthesis. Journal of the Iranian Chemical Society, 2007, 4, 126-174.	2.2	140
2	Covalent immobilization of Co complex on the surface of SBA-15: Green, novel and efficient catalyst for the oxidation of sulfides and synthesis of polyhydroquinoline derivatives in green condition. Polyhedron, 2019, 158, 25-35.	2.2	133
3	Boehmite nanoparticles as versatile support for organicâ€“inorganic hybrid materials: Synthesis, functionalization, and applications in eco-friendly catalysis. Journal of Industrial and Engineering Chemistry, 2021, 97, 1-78.	5.8	127
4	Schiff base complex coated Fe3O4 nanoparticles: A highly reusable nanocatalyst for the selective oxidation of sulfides and oxidative coupling of thiols. Catalysis Communications, 2015, 60, 70-75.	3.3	115
5	Synthesis and characterization of spinel FeAl2O4 (hercynite) magnetic nanoparticles and their application in multicomponent reactions. Research on Chemical Intermediates, 2019, 45, 5705-5723.	2.7	109
6	Efficient oxidative coupling of thiols and oxidation of sulfides using UHP in the presence of Ni or Cd salen complexes immobilized on MCM-41 mesoporous as novel and recoverable nanocatalysts. Microporous and Mesoporous Materials, 2015, 211, 174-181.	4.4	97
7	Synthesis, characterization, and application of Fe3O4-SA-PPCA as a novel nanomagnetic reusable catalyst for the efficient synthesis of 2,3-dihydroquinazolin-4(1H)-ones and polyhydroquinolines. RSC Advances, 2015, 5, 9752-9758.	3.6	93
8	Catalytic oxidation of sulfides to sulfoxides using sodium perborate and/or sodium percarbonate and silica sulfuric acid in the presence of KBr. Catalysis Communications, 2009, 10, 1257-1260.	3.3	92
9	Fe₃O₄â€“adenineâ€“Zn: a novel, green, and magnetically recoverable catalyst for the synthesis of 5-substituted tetrazoles and oxidation of sulfur containing compounds. New Journal of Chemistry, 2017, 41, 11714-11721.	2.8	85
10	Synthesis of copper (II)-supported magnetic nanoparticle and study of its catalytic activity for the synthesis of 2,3-dihydroquinazolin-4(1H)-ones. Journal of Molecular Catalysis A, 2014, 395, 172-179.	4.8	84
11	The first report on the preparation of boehmite silica sulfuric acid and its applications in some multicomponent organic reactions. New Journal of Chemistry, 2016, 40, 1205-1212.	2.8	81
12	Boehmite@tryptophanâ€Pd nanoparticles: A new catalyst for Câ€“C bond formation. Applied Organometallic Chemistry, 2019, 33, e4977.	3.5	81
13	Schiff base complexes of Ni, Co, Cr, Cd and Zn supported on magnetic nanoparticles: As efficient and recyclable catalysts for the oxidation of sulfides and oxidative coupling of thiols. Inorganica Chimica Acta, 2015, 435, 223-231.	2.4	78
14	<scp>l</scp>-Methionineâ€“Pd complex supported on hercynite as a highly efficient and reusable nanocatalyst for Câ€“C cross-coupling reactions. New Journal of Chemistry, 2020, 44, 2919-2929.	2.8	76
15	Chemo and homoselective catalytic oxidation of sulfides to sulfoxides with supported nitric acid on silica gel and poly vinyl pyrrolidone (PVP) catalyzed by KBr and/or NaBr. Catalysis Communications, 2008, 9, 1739-1744.	3.3	75
16	Oxoâ€vanadium(IV) Schiff base complex supported on modified MCMâ€41: a reusable and efficient catalyst for the oxidation of sulfides and oxidative Sâ€“S coupling of thiols. Applied Organometallic Chemistry, 2015, 29, 328-333.	3.5	72
17	Nickel Schiff-base complexes immobilized on boehmite nanoparticles and their application in the oxidation of sulfides and oxidative coupling of thiols as novel and reusable nano organometal catalysts. RSC Advances, 2015, 5, 92174-92183.	3.6	69
18	Trichloroisocyanuric acid (TCCA) as a mild and efficient catalyst for the trimethylsilylation of alcohols and phenols with hexamethyldisilazane (HMDS) under heterogonous conditions. Catalysis Communications, 2007, 8, 543-547.	3.3	66

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19	Cu(II)â€“Schiff base complexâ€functionalized magnetic Fe₃O₄ nanoparticles: a heterogeneous catalyst for various oxidation reactions. Applied Organometallic Chemistry, 2015, 29, 170-175.	3.5	66
20	Ni(II)â€Adenine complex coated Fe₃O₄ nanoparticles as high reusable nanocatalyst for the synthesis of polyhydroquinoline derivatives and oxidation reactions. Applied Organometallic Chemistry, 2018, 32, e3974.	3.5	66
21	(ZrO)2Fe2O5 as an efficient and recoverable nanocatalyst in Câ€“C bond formation. Journal of the Iranian Chemical Society, 2019, 16, 411-421.	2.2	66
22	DABCO tribromide immobilized on magnetic nanoparticle as a recyclable catalyst for the chemoselective oxidation of sulfide using H2O2 under metal- and solvent-free conditions. Catalysis Communications, 2014, 43, 16-20.	3.3	62
23	Efficient preparation of boehmite silica dopamine sulfamic acid as a novel nanostructured compound and its application as a catalyst in some organic reactions. New Journal of Chemistry, 2016, 40, 3066-3074.	2.8	60
24	A new Pdâ€Schiffâ€base complex on boehmite nanoparticles: Its application in Suzuki reaction and synthesis of tetrazoles. Applied Organometallic Chemistry, 2018, 32, e4295.	3.5	60
25	Sulfides Synthesis: Nanocatalysts in Câ€“S Cross-Coupling Reactions. Australian Journal of Chemistry, 2016, 69, 585.	0.9	58
26	Magnetic MCM-41 nanoparticles as a support for the immobilization of a palladium organometallic catalyst and its application in Câ€“C coupling reactions. New Journal of Chemistry, 2019, 43, 14485-14501.	2.8	58
27	Pd-grafted functionalized mesoporous MCM-41: a novel, green and heterogeneous nanocatalyst for the selective synthesis of phenols and anilines from aryl halides in water. New Journal of Chemistry, 2015, 39, 6504-6512.	2.8	57
28	Cuâ€“Sâ€(propyl)â€2â€aminobenzothioate on magnetic nanoparticles: highly efficient and reusable catalyst for synthesis of polyhydroquinoline derivatives and oxidation of sulfides. Applied Organometallic Chemistry, 2016, 30, 619-625.	3.5	57
29	Synthesis of Polyhydroquinoline, 2,3-Dihydroquinazolin-4(1H)-one, Sulfide and Sulfoxide Derivatives Catalyzed by New Copper Complex Supported on MCM-41. Catalysis Letters, 2018, 148, 857-872.	2.6	57
30	Synthesis and characterization of MCM-41@AMPD@Zn as a novel and recoverable mesostructured catalyst for oxidation of sulfur containing compounds and synthesis of 5-substituted tetrazoles. Microporous and Mesoporous Materials, 2018, 272, 241-250.	4.4	57
31	Supported organometallic palladium catalyst into mesoporous channels of magnetic MCM-41 nanoparticles for phosphine-free C C coupling reactions. Microporous and Mesoporous Materials, 2019, 284, 366-377.	4.4	56
32	Oxidation of 1,4-dihydropyridines under mild and heterogeneous conditions using solid acids. Journal of the Iranian Chemical Society, 2006, 3, 73-80.	2.2	55
33	Sâ€Benzylisothiourea complex of palladium on magnetic nanoparticles: A highly efficient and reusable nanocatalyst for synthesis of polyhydroquinolines and Suzuki reaction. Applied Organometallic Chemistry, 2017, 31, e3665.	3.5	55
34	Palladium 2â€mercaptoâ€Nâ€propylacetamide complex anchored onto MCMâ€41 as efficient and reusable nanocatalyst for Suzuki, Stille and Heck reactions and amination of aryl halides. Applied Organometallic Chemistry, 2016, 30, 843-851.	3.5	54
35	Synthesis and characterization of Ni(<scp>ii</scp>)â€“Vanillinâ€“Schiff baseâ€“MCM-41 composite as an efficient and reusable nanocatalyst for multicomponent reactions. RSC Advances, 2016, 6, 56549-56561.	3.6	54
36	Immobilization of a vanadium complex onto functionalized nanoporous MCMâ€41 and its application as a catalyst for the solventâ€free chemoselective oxidation of sulfide to sulfoxide. Applied Organometallic Chemistry, 2016, 30, 236-241.	3.5	53

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37	Ni-SMTU@boehmite: as an efficient and recyclable nanocatalyst for oxidation reactions. RSC Advances, 2016, 6, 56458-56466.	3.6	53
38	The first report on the eco-friendly synthesis of 5-substituted 1H-tetrazoles in PEG catalyzed by Cu(<scp>ii</scp>) immobilized on Fe₃O₄@SiO₂@<scp>l</scp>-arginine as a novel, recyclable and non-corrosive catalyst. RSC Advances, 2016, 6, 32653-32660.	3.6	53
39	Palladiumâ€“Sâ€propylâ€2â€aminobenzothioate immobilized on Fe₃O₄ magnetic nanoparticles as catalyst for Suzuki and Heck reactions in water or poly(ethylene glycol). Applied Organometallic Chemistry, 2016, 30, 422-430.	3.5	51
40	A new palladium complex supported on magnetic nanoparticles and applied as an catalyst in amination of aryl halides, Heck and Suzuki reactions. Journal of the Iranian Chemical Society, 2017, 14, 681-693.	2.2	51
41	Sâ€“S Bond Formation: Nanocatalysts in the Oxidative Coupling of Thiols. Australian Journal of Chemistry, 2017, 70, 9.	0.9	51
42	Anchoring of Pd(<scp>ii</scp>) complex in functionalized MCM-41 as an efficient and recoverable novel nano catalyst in Câ€“C, Câ€“O and Câ€“N coupling reactions using Ph₃SnCl. RSC Advances, 2015, 5, 33212-33220.	3.6	49
43	Niâ€“S-methylisothiourea complexes supported on boehmite nanoparticles and their application in the synthesis of 5-substituted tetrazoles. RSC Advances, 2016, 6, 56638-56646.	3.6	49
44	A magnetically retrievable heterogeneous copper nanocatalyst for the synthesis of 5-substituted tetrazoles and oxidation reactions. Transition Metal Chemistry, 2017, 42, 703-710.	1.4	49
45	First report of the direct supporting of palladiumâ€“arginine complex on boehmite nanoparticles and application in the synthesis of 5â€substituted tetrazoles. Applied Organometallic Chemistry, 2017, 31, e3644.	3.5	48
46	4-Phenyl-1,2,4-triazole-3,5-dione as a novel and reusable reagent for the aromatization of 1,4-dihydropyridines under mild conditions. Tetrahedron Letters, 2005, 46, 5581-5584.	1.4	47
47	Selective Fluorometric Detection of Guanosine-Containing Sequences by 6-Phenylpyrrolocytidine in DNA. Synlett, 2007, 2007, 0870-0873.	1.8	47
48	Pd(0)-Arg-boehmite: As Reusable and Efficient Nanocatalyst in Suzuki and Heck Reactions. Catalysis Letters, 2017, 147, 649-662.	2.6	47
49	Pd(0)-Schiff-base@MCM-41 as high-efficient and reusable catalyst for Câ€“C coupling reactions. Journal of the Iranian Chemical Society, 2018, 15, 181-189.	2.2	47
50	Modification of boehmite nanoparticles with Adenine for the immobilization of Cu(II) as organicâ€“inorganic hybrid nanocatalyst in organic reactions. Polyhedron, 2019, 163, 98-107.	2.2	47
51	Palladium fabricated on boehmite as an organicâ€“inorganic hybrid nanocatalyst for Câ€“C cross coupling and homoselective cycloaddition reactions. New Journal of Chemistry, 2020, 44, 3717-3727.	2.8	47
52	Bidentate salen Cu(II) complex functionalized on mesoporous MCM-41 as novel nano catalyst for the oxidative coupling of thiols into disulfides using urea hydrogen peroxide (UHP). Journal of Porous Materials, 2015, 22, 261-267.	2.6	46
53	Pd(0)â€Sâ€propylâ€2â€aminobenzothioate immobilized onto functionalized magnetic nanoporous MCMâ€41 as efficient and recyclable nanocatalyst for the Suzuki, Stille and Heck cross coupling reactions. Applied Organometallic Chemistry, 2018, 32, e4282.	3.5	46
54	Pd(0)â€guanidine@MCMâ€41: a very effective catalyst for rapid production of bis (pyrazolyl)methanes. Applied Organometallic Chemistry, 2020, 34, e5579.	3.5	46

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55	Synthesis of a new Pd(0)-complex supported on boehmite nanoparticles and study of its catalytic activity for Suzuki and Heck reactions in H₂O or PEG. RSC Advances, 2016, 6, 43205-43216.	3.6	45
56	Pdâ€“S-methylisothiourea supported on magnetic nanoparticles as an efficient and reusable nanocatalyst for Heck and Suzuki reactions. Comptes Rendus Chimie, 2017, 20, 132-139.	0.5	45
57	Microporous hierarchically Zn-MOF as an efficient catalyst for the Hantzsch synthesis of polyhydroquinolines. Scientific Reports, 2022, 12, 1479.	3.3	45
58	Mild and heterogeneous oxidation of urazoles to their corresponding triazolinediones via in situ generation Cl+ using silica sulfuric acid/KClO3 or silica chloride/oxone system. Catalysis Communications, 2007, 8, 256-260.	3.3	43
59	Application of Pdâ€2A3HPâ€MCMâ€41 to the Suzuki, Heck and Stille coupling reactions and synthesis of 5â€substituted 1Hâ€tetrazoles. Applied Organometallic Chemistry, 2016, 30, 705-712.	3.5	43
60	Anchoring Ni (II) on Fe₃O₄@tryptophan: A recyclable, green and extremely efficient magnetic nanocatalyst for oneâ€pot synthesis of 5â€substituted 1Hâ€tetrazoles and chemoselective oxidation of sulfides and thiols. Applied Organometallic Chemistry, 2018, 32, e4445.	3.5	43
61	Simple, Convenient and Heterogeneous Method for Conversion of Urazoles to Triazolinediones Using N,N,Nâ€²,Nâ€²-Tetrabromobenzene-1,3-disulfonylamide or Trichloromelamine under Mild and Heterogeneous Conditions. Synthesis, 2006, 2006, 1631-1634.	2.3	42
62	Trichloroisocyanuric Acid/KBr as a Catalytic System for the Chemoselective Oxidation of Benzylic and Secondary Alcohols. Synthesis, 2006, 2006, 2043-2046.	2.3	42
63	Practical And Versatile Oxidation Of Sulfides Into Sulfoxides And Oxidative Coupling Of Thiols Using Polyvinylpolypyrrolidonium Tribromide. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 433-439.	1.6	42
64	Green and One-Pot Three-Component Synthesis of 2,3-Dihydroquinazolin- 4(1H)-Ones Promoted by Citric Acid as Recoverable Catalyst in Water. Letters in Organic Chemistry, 2011, 8, 470-476.	0.5	41
65	Nickel(II) immobilized on dithizoneâ€“boehmite nanoparticles: as a highly efficient and recyclable nanocatalyst for the synthesis of polyhydroquinolines and sulfoxidation reaction. Journal of the Iranian Chemical Society, 2019, 16, 1-15.	2.2	41
66	Facile synthesis of Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1474" altimg="si14.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1482" altimg="si15.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:math>@GlcA@Ni-MOF composite	6.1	41
67	Oligodeoxynucleotides incorporating structurally simple 5-alkynyl-2â€²-deoxyuridines fluorometrically respond to hybridization. Organic and Biomolecular Chemistry, 2007, 5, 1845-1848.	2.8	40
68	Boehmite silica sulfuric acid: as a new acidic material and reusable heterogeneous nanocatalyst for the various organic oxidation reactions. Journal of the Iranian Chemical Society, 2016, 13, 2193-2202.	2.2	40
69	Preparation of DSA@MNPs and application as heterogeneous and recyclable nanocatalyst for oxidation of sulfides and oxidative coupling of thiols. Research on Chemical Intermediates, 2016, 42, 5723-5737.	2.7	40
70	Efficient Oxidation of Sulfides to the Sulfoxides Using Zirconium (IV) Chloride, Sodium Nitrite and Catalytic Amounts of Bromide Ion as a Novel Oxidizing Media. Letters in Organic Chemistry, 2009, 6, 335-339.	0.5	39
71	Nano aluminium nitride as a solid source of ammonia for the preparation of hantzsch 1,4-dihydropyridines and bis-(1,4-dihydropyridines) in water via one pot multicomponent reaction. Journal of the Brazilian Chemical Society, 2011, 22, 525-531.	0.6	39
72	Efficient synthesis of 5â€substituted tetrazoles catalysed by palladiumâ€“Sâ€methylisothiourea complex supported on boehmite nanoparticles. Applied Organometallic Chemistry, 2017, 31, e3602.	3.5	39

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73	Immobilization of a nickel complex onto functionalized Fe3O4 nanoparticles: a green and recyclable catalyst for synthesis of 5-substituted 1H-tetrazoles and oxidation reactions. Research on Chemical Intermediates, 2018, 44, 1363-1380.	2.7	39
74	SBA-15@Glycine-M (M= Ni and Cu): Two green, novel and efficient catalysts for the one-pot synthesis of 5-substituted tetrazole and polyhydroquinoline derivatives. Solid State Sciences, 2019, 91, 96-107.	3.2	39
75	A new silver coordination polymer based on 4,6-diamino-2-pyrimidinethiol: synthesis, characterization and catalytic application in asymmetric Hantzsch synthesis of polyhydroquinolines. Scientific Reports, 2021, 11, 15657.	3.3	39
76	Synthesis and characterization of novel hercynite@sulfuric acid and its catalytic applications in the synthesis of polyhydroquinolines and 2,3-dihydroquinazolin-4(1H)-ones. RSC Advances, 2022, 12, 2770-2787.	3.6	39
77	Synthesis and characterization of nickel complex anchored onto MCM-41 as a novel and reusable nanocatalyst for the efficient synthesis of 2,3-dihydroquinazolin-4(1H)-ones. Microporous and Mesoporous Materials, 2016, 224, 26-35.	4.4	38
78	Synthesis and characterization of ionic liquid immobilized on magnetic nanoparticles: A recyclable heterogeneous organocatalyst for the acetylation of alcohols. Journal of Magnetism and Magnetic Materials, 2016, 401, 832-840.	2.3	38
79	Synthesis of a new Pd(0)-complex supported on magnetic nanoparticles and study of its catalytic activity for Suzuki and Stille reactions and synthesis of 2,3-dihydroquinazolin-4(1H)-one derivatives. Polyhedron, 2018, 145, 120-130.	2.2	38
80	Boehmite@SiO₂@ Tris (hydroxymethyl)aminomethaneâ€Cu(I): a novel, highly efficient and reusable nanocatalyst for the Câ€C bond formation and the synthesis of 5â€substituted 1Hâ€tetrazoles in green media. Applied Organometallic Chemistry, 2020, 34, e5804.	3.5	38
81	An Efficient and New Method on the Oxidative Coupling of Thiols under Mild and Heterogeneous Conditions. Bulletin of the Korean Chemical Society, 2009, 30, 1388-1390.	1.9	38
82	The first report on the catalytic oxidation of urazoles to their corresponding triazolinediones via in situ catalytic generation of Br+ using periodic acid or oxoneÂ®/KBr system. Journal of Molecular Catalysis A, 2007, 270, 219-224.	4.8	37
83	Synthesis of peptide nanofibers decorated with palladium nanoparticles and its application as an efficient catalyst for the synthesis of sulfides via reaction of aryl halides with thiourea or 2-mercaptobenzothiazole. RSC Advances, 2016, 6, 59410-59421.	3.6	37
84	Synthesis and Characterization of Pd Schiff Base Complex Immobilized onto Functionalized Nanoporous MCM-41 and its Catalytic Efficacy in the Suzuki, Heck and Stille Coupling Reactions. Catalysis Letters, 2017, 147, 1114-1126.	2.6	37
85	Synthesis and characterization of tribenzyl ammonium-tribromide supported on magnetic Fe3O4 nanoparticles: a robust magnetically recoverable catalyst for the oxidative coupling of thiols and oxidation of sulfides. Research on Chemical Intermediates, 2017, 43, 2707-2724.	2.7	37
86	Palladium supported on modified magnetic nanoparticles: a phosphineâ€free and heterogeneous catalyst for Suzuki and Stille reactions. Applied Organometallic Chemistry, 2016, 30, 140-147.	3.5	36
87	Anchoring of Cu(II)â€“vanillin Schiff base complex on MCMâ€41: A highly efficient and recyclable catalyst for synthesis of sulfides and 5â€substituted 1Hâ€“tetrazoles and oxidation of sulfides to sulfoxides. Applied Organometallic Chemistry, 2017, 31, e3693.	3.5	35
88	The first report on the preparation of peptide nanofibers decorated with zirconium oxide nanoparticles applied as versatile catalyst for the amination of aryl halides and synthesis of biaryl and symmetrical sulfides. New Journal of Chemistry, 2017, 41, 9414-9423.	2.8	35
89	Highly Efficient Oxidative Coupling of Thiols and Oxidation of Sulfides in the Presence of MCM-41@Tryptophan-Cd and MCM-41@Tryptophan-Hg as Novel and Recoverable Nanocatalysts. Catalysis Letters, 2018, 148, 1834-1847.	2.6	35
90	Selective and efficient oxidation of sulfides to sulfoxides using ammonium cerium (IV) nitrate in the presence of a catalytic amount of KBr or NaBr. Monatshefte FÃ¼r Chemie, 2008, 139, 895-899.	1.8	34

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91	CoFe2O4@glycine-M (M= Pr, Tb and Yb): Three green, novel, efficient and magnetically-recoverable nanocatalysts for synthesis of 5â€substituted 1Hâ€“tetrazoles and oxidation of sulfides in green condition. Solid State Sciences, 2019, 88, 81-94.	3.2	34
92	Ferric nitrate in the presence of catalytic amounts of KBr or NaBr: an efficient and homoselective catalytic media for the selective oxidation of sulfides to sulfoxides. Monatshefte FÃ¼r Chemie, 2009, 140, 65-68.	1.8	33
93	Preparation and characterization of functionalized Cu(II) Schiff base complex on mesoporous MCM-41 and its application as effective catalyst for the oxidation of sulfides and oxidative coupling of thiols. Journal of Porous Materials, 2015, 22, 877-885.	2.6	33
94	Suzuki, Stille and Heck cross-coupling reactions catalyzed by Fe₃O₄@PTAâ€“Pd as a recyclable and efficient nanocatalyst in green solvents. New Journal of Chemistry, 2016, 40, 6299-6307.	2.8	33
95	Synthesis, characterization, and application of palladium-dithizone immobilized on magnetic nanoparticles as an efficient and recoverable catalyst for Suzuki type coupling reactions. Tetrahedron Letters, 2016, 57, 159-162.	1.4	33
96	Cu (II) and Cd (II) anchored functionalized mesoporous SBA-15 as novel, highly efficient and recoverable heterogeneous catalysts for green oxidative coupling of thiols and C S cross-coupling reaction of aryl halides. Polyhedron, 2018, 156, 35-47.	2.2	33
97	A novel cubic Znâ€citric acidâ€based MOF as a highly efficient and reusable catalyst for the synthesis of pyranopyrazoles and 5â€substituted 1Hâ€tetrazoles. Applied Organometallic Chemistry, 2022, 36, .	3.5	33
98	Acylation of alcohols catalyzed by using 1,3-dibromo-5,5-dimethylhydentoin or trichloroisocyanuric acid. Catalysis Communications, 2006, 7, 399-402.	3.3	32
99	Catalytic oxidation of urazoles and bis-urazoles to their corresponding triazolinediones using aluminium nitrate and a catalytic amount of silica sulfuric acid. Monatshefte FÃ¼r Chemie, 2009, 140, 607-610.	1.8	32
100	A facile preparation of palladium Schiff base complex supported into MCM-41 mesoporous and its catalytic application in Suzuki and Heck reactions. Journal of Porous Materials, 2016, 23, 967-975.	2.6	32
101	Synthesis of new zirconium complex supported on MCMâ€41 and its application as an efficient catalyst for synthesis of sulfides and the oxidation of sulfur containing compounds. Applied Organometallic Chemistry, 2018, 32, e4340.	3.5	31
102	Trichloroisocyanuric Acid/NaNO2 as a Novel Heterogeneous System for the N-Nitrosation of N,N-Dialkylamines Under Mild Conditions. Synlett, 2002, 2002, 1002-1004.	1.8	30
103	Oxo-vanadium immobilized on L-cysteine-modified MCM-41 as catalyst for the oxidation of sulfides and oxidative coupling of thiols. Microporous and Mesoporous Materials, 2016, 234, 166-175.	4.4	30
104	Synthesis and characterization of oxo-vanadium complex anchored onto SBA-15 as a green, novel and reusable nanocatalyst for the oxidation of sulfides and oxidative coupling of thiols. Research on Chemical Intermediates, 2018, 44, 4259-4276.	2.7	30
105	Synthesis and characterization of copper(II) Schiff base complex supported on Fe₃O₄ magnetic nanoparticles: a recyclable catalyst for the oneâ€pot synthesis of 2,3â€dihydroquinazolinâ€4(1H)â€ones. Applied Organometallic Chemistry, 2015, 29, 707-711.	3.5	29
106	Heterogeneous Cu(<scp>ii</scp>)/<scp>l</scp>-His@Fe₃O₄ nanocatalyst: a novel, efficient and magnetically-recoverable catalyst for organic transformations in green solvents. RSC Advances, 2016, 6, 92387-92401.	3.6	29
107	Mesoporous SBA-15@n-Pr-THAM-ZrO organicâ€“inorganic hybrid: as a highly efficient reusable nanocatalyst for the synthesis of polyhydroquinolines and 2,3-dihydroquinazolin-4 (1h)-ones. Journal of Porous Materials, 2021, 28, 1167-1186.	2.6	29
108	Synthesis and characterization of DETA/Cu(NO3)2 supported on magnetic nanoparticles: a highly active and recyclable catalyst for the solvent-free synthesis of polyhydroquinolines. Monatshefte FÃ¼r Chemie, 2017, 148, 1131-1139.	1.8	28

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109	Pdâ€SBT@MCMâ€41: As an efficient, stable and recyclable organometallic catalyst for Câ€C coupling reactions and synthesis of 5â€substituted tetrazoles. Applied Organometallic Chemistry, 2017, 31, e3848.	3.5	27
110	Copper(II) immobilized on Fe3O4@SiO2@l-Histidine: a reusable nanocatalyst and its application in the synthesis of 5-substituted 1H-tetrazoles. Transition Metal Chemistry, 2017, 42, 131-136.	1.4	27
111	Highly efficient, green, rapid, and chemoselective oxidation of sulfur-containing compounds in the presence of an MCM-41@creatinine@M (M = La and Pr) mesostructured catalyst under neat conditions. New Journal of Chemistry, 2018, 42, 5479-5488.	2.8	27
112	Ordered mesoporous SBAâ€15 functionalized with yttrium(III) and cerium(III) complexes: Towards active heterogeneous catalysts for oxidation of sulfides and preparation of 5â€substituted 1Hâ€tetrazoles. Applied Organometallic Chemistry, 2019, 33, e4649.	3.5	27
113	Niâ€“citric acid coordination polymer as a practical catalyst for multicomponent reactions. Scientific Reports, 2021, 11, 24475.	3.3	27
114	Polyvinylpolypyrrolidone-supported hydrogen peroxide (PVP-H2O2), silica sulfuric acid and catalytic amounts of ammonium bromide as green, mild and metal-free oxidizing media for the efficient oxidation of alcohols and sulfides. Journal of the Iranian Chemical Society, 2011, 8, 1082-1090.	2.2	26
115	Synthesis and characterization of a Pd(0) Schiff base complex anchored on magnetic nanoporous MCM-41 as a novel and recyclable catalyst for the Suzuki and Heck reactions under green conditions. Chinese Journal of Catalysis, 2017, 38, 1413-1422.	14.0	26
116	Cu(II) immobilized on Fe₃O₄â€“diethylenetriamine: A new magnetically recoverable catalyst for the synthesis of 2,3â€dihydroquinazolinâ€4(1H)â€ones and oxidative coupling of thiols. Applied Organometallic Chemistry, 2017, 31, e3596.	3.5	26
117	SILICA CHLORIDE/NaNO2 AS A NOVEL HETEROGENEOUS SYSTEM FOR THE NITROSATION OF SECONDARY AMINES UNDER MILD CONDITIONS. Synthetic Communications, 2002, 32, 1809-1813.	2.1	25
118	Green preparation of disulfides from corresponding thiols by poly(4-vinylpyridinium nitrate) as recoverable and new polymeric reagent. Journal of Sulfur Chemistry, 2011, 32, 63-69.	2.0	25
119	Metal-free oxidative coupling of thiols to disulfides using guanidinium nitrate or nitro urea in the presence of silica sulfuric acid. Journal of Chemical Sciences, 2011, 123, 453-457.	1.5	25
120	Three component reactions: An efficient and green synthesis of 3,4-dihydropyrimidin-2-(1H)-ones and thiones using silica gel-supported l-pyrrolidine-2-carboxylic acid-4-hydrogen sulfate. Chinese Chemical Letters, 2013, 24, 804-808.	9.0	25
121	Tribromide ion supported on boehmite nanoparticles as a reusable catalyst for organic reactions. Comptes Rendus Chimie, 2018, 21, 1011-1022.	0.5	25
122	Complexation of guanidino containing l-arginine with nickel on silica-modified Hercynite MNPs: a novel catalyst for the Hantzsch synthesis of polyhydroquinolines and 2,3-Dihydroquinazolin-4(1H)-ones. Research on Chemical Intermediates, 2022, 48, 2641-2663.	2.7	25
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