

# Arash Ghorbani-Choghamarani

## List of Publications by Year in descending order

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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	Microporous hierarchically Zn-MOF as an efficient catalyst for the Hantzsch synthesis of polyhydroquinolines. <i>Scientific Reports</i> , 2022, 12, 1479.	3.3	45
2	Sâ€Benzylisothiurea Complex of Palladium Supported on Modified Mesoporous Magnetic Nanoparticles (Pd-SBTU@Fe <sub>3</sub> O <sub>4</sub> @SBA-3) as Sustainable Environmental Catalyst for Suzuki and Stille Reactions. <i>Catalysis Letters</i> , 2022, 152, 3178-3191.	2.6	4
3	Synthesis and characterization of novel hercynite@sulfuric acid and its catalytic applications in the synthesis of polyhydroquinolines and 2,3-dihydroquinazolin-4(1 <i>H</i> )-ones. <i>RSC Advances</i> , 2022, 12, 2770-2787.	3.6	39
4	Sustainable approaches in the catalytic synthesis of optically active and inactive diaryl sulfoxides. <i>Tetrahedron</i> , 2022, 112, 132739.	1.9	0
5	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. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	33
6	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. <i>Research on Chemical Intermediates</i> , 2022, 48, 2641-2663.	2.7	25
7	Silica sulfuric acid coated on SnFe <sub>2</sub> O <sub>4</sub> MNPs: synthesis, characterization and catalytic applications in the synthesis of polyhydroquinolines. <i>RSC Advances</i> , 2022, 12, 14397-14410.	3.6	19
8	ZnFe <sub>2</sub> O <sub>4</sub> @SiO <sub>2</sub> â€ascorbic acid: Green, magnetic, and versatile catalyst for the synthesis of chromeno[2,3â€d] pyrimidineâ€amine and quinazoline derivatives. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	12
9	Efficient biodiesel production from oleic and palmitic acid using a novel molybdenum metalâ€organic framework as efficient and reusable catalyst. <i>Scientific Reports</i> , 2022, 12, .	3.3	14
10	A new palladium heterogeneous complex (Pd-Gu@BOEH): chemoselective, phosphine-free and practical nanocatalyst in carbonâ€carbon cross-coupling reaction. <i>Research on Chemical Intermediates</i> , 2021, 47, 1033-1049.	2.7	4
11	Application of Nanofibers Based on Natural Materials as Catalyst in Organic Reactions. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 94, 1-61.	5.8	15
12	Cu(I)@Isatin-Glycine-Boehmite nanoparticles: as novel heterogeneous catalyst for the synthesis and selective oxidation of sulfides. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 827-838.	2.2	19
13	Synthesis, characterization and catalytic application of Bi <sub>2</sub> S <sub>3</sub> microspheres for Suzuki-Miyaura cross-coupling reaction and chemoselective ring opening of epoxides. <i>Molecular Catalysis</i> , 2021, 499, 111283.	2.0	10
14	Preparation of Ni-microsphere and Cu-MOF using aspartic acid as coordinating ligand and study of their catalytic properties in Stille and sulfoxidation reactions. <i>RSC Advances</i> , 2021, 11, 14905-14914.	3.6	3
15	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. <i>Journal of Porous Materials</i> , 2021, 28, 1167-1186.	2.6	29
16	Boehmite nanoparticles as versatile support for organicâ€inorganic hybrid materials: Synthesis, functionalization, and applications in eco-friendly catalysis. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 97, 1-78.	5.8	127
17	A new silver coordination polymer based on 4,6-diamino-2-pyrimidinethiol: synthesis, characterization and catalytic application in asymmetric Hantzsch synthesis of polyhydroquinolines. <i>Scientific Reports</i> , 2021, 11, 15657.	3.3	39
18	Cuâ€citric acid metalâ€organic framework: Synthesis, characterization and catalytic application in Suzukiâ€Miyaura crossâ€coupling reaction and oxidation of sulfides. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6434.	3.5	20

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19	Immobilized Na <sub>2</sub> WO <sub>4</sub> ·2H <sub>2</sub> O on Arginine Modified Bentonite (Bentonite@L-Arginine@WO <sub>3</sub> ): An Efficient and Sustainable Catalyst for the C-C Bond Formation. <i>ChemistrySelect</i> , 2021, 6, 11054-11059. Facile synthesis of Fe	1.5	0
20	Design and synthesis of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @KIT-6@DTZ-PdO as a new and efficient mesoporous magnetic catalyst in carbon-carbon cross-coupling reactions. <i>Scientific Reports</i> , 2021, 11, 23967.	6.1	41
21	Ni-citric acid coordination polymer as a practical catalyst for multicomponent reactions. <i>Scientific Reports</i> , 2021, 11, 24475.	3.3	7
22	Eco-friendly synthesis of 3-aminoimidazo [1, 2-a] pyridines via a one-pot three-component reaction in PEG catalyzed by peptide nanofibers: as hydrogen-bonding organocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 59-65.	3.3	27
23	A simple, rapid and effective protocol for synthesis of bis(pyrazolyl)methanes using nickel-guanidine complex immobilized on MCM-41. <i>Research on Chemical Intermediates</i> , 2020, 46, 1941-1953.	2.2	4
24	Fe <sub>3</sub> O <sub>4</sub> @GlcA@Cu-MOF: A Magnetic Metal-Organic Framework as a Recoverable Catalyst for the Hydration of Nitriles and Reduction of Isothiocyanates, Isocyanates, and Isocyanides. <i>ACS Combinatorial Science</i> , 2020, 22, 902-909.	2.7	22
25	Guanidine complex of copper supported on boehmite nanoparticles as practical, recyclable, chemo and homoselective organic-inorganic hybrid nanocatalyst for organic reactions. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5901.	3.8	16
26	New microsphere cobalt complex: preparation and catalytic consideration for the synthesis of some heterocyclic compounds. <i>ChemistrySelect</i> , 2020, 5, 15130-15136.	3.5	5
27	Pd(O-guanidine@MCM-41): a very effective catalyst for rapid production of bis (pyrazolyl)methanes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5579.	1.5	2
28	Boehmite@SiO <sub>2</sub> @ Tris (hydroxymethyl)aminomethane-Cu(I): a novel, highly efficient and reusable nanocatalyst for the C-C bond formation and the synthesis of 5-substituted 1H-tetrazoles in green media. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5804.	3.5	46
29	Palladium fabricated on boehmite as an organic-inorganic hybrid nanocatalyst for C-C cross coupling and homoselective cycloaddition reactions. <i>New Journal of Chemistry</i> , 2020, 44, 3717-3727.	3.5	38
30	-Methionine-Pd complex supported on hercynite as a highly efficient and reusable nanocatalyst for C-C cross-coupling reactions. <i>New Journal of Chemistry</i> , 2020, 44, 2919-2929.	2.8	47
31	Fluorescent Biaryl Uracils with C5-Dihydro- and Quinazolinone Heterocyclic Appendages in PNA. <i>Molecules</i> , 2020, 25, 1995.	2.8	76
32	Chiral cobalt-peptide metal-organic framework (Co-P-MOF): As an efficient and reusable heterogeneous catalyst for the asymmetric sulfoxidative cross-coupling reaction using poly sulfynylpiperazine. <i>Synthetic Metals</i> , 2020, 263, 116362.	3.8	5
33	SBA-15@adenine-Pd: a novel and green heterogeneous nanocatalyst in Suzuki and Stille reactions and synthesis of sulfides. <i>Journal of Porous Materials</i> , 2019, 26, 121-131.	3.9	17
34	Magnetic MCM-41 nanoparticles as a support for the immobilization of a palladium organometallic catalyst and its application in C-C coupling reactions. <i>New Journal of Chemistry</i> , 2019, 43, 14485-14501.	2.6	17
35	Ni-guanidine@MCM-41 NPs: a new catalyst for the synthesis of 4,4'-E <sup>1</sup> -(arylmethylene)-bis-(3-methyl-1-phenyl-1H-pyrazol-5-ols) and symmetric di-aryl sulfides. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2673-2681.	2.8	58
36		2.2	24

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37	Synthesis and characterization of spinel FeAl <sub>2</sub> O <sub>4</sub> (hercynite) magnetic nanoparticles and their application in multicomponent reactions. <i>Research on Chemical Intermediates</i> , 2019, 45, 5705-5723.	2.7	109
38	New Complex of Copper on Boehmite Nanoparticles as Highly Efficient and Reusable Nanocatalyst for Synthesis of Sulfides and Ethers. <i>ChemistrySelect</i> , 2019, 4, 8860-8869.	1.5	7
39	Boehmite@tryptophan@Pd nanoparticles: A new catalyst for C=C bond formation. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4977.	3.5	81
40	A synthesis of sulfoxides and disulfides under classical and ultrasonic conditions in presence of recoverable inorganic-organic hybrid magnetism nanocatalysts Fe <sub>3</sub> O <sub>4</sub> @Tryptophan-M (M: Cu, Co and) <i>TJ ETQq0200 rgBT 0Overlock 1</i>		
41	New Revolution in Biaryl Synthesis: Transition Metal-Free C=C Bond Formation Promoted by the Mixture of 2-Mercaptoethanol/KOH/DMSO. <i>ChemistrySelect</i> , 2019, 4, 4735-4738.	1.5	4
42	Supported organometallic palladium catalyst into mesoporous channels of magnetic MCM-41 nanoparticles for phosphine-free C C coupling reactions. <i>Microporous and Mesoporous Materials</i> , 2019, 284, 366-377.	4.4	56
43	6-Phenylpyrrolocytidine: An Intrinsically Fluorescent, Environmentally Responsive Nucleoside Analogue. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2019, 76, e75.	0.5	6
44	Decorated Peptide Nanofibers with Cu Nanoparticles: An Efficient Catalyst for the Multicomponent Synthesis of Chromeno [2, 3-d ] pyrimidin-8-amines, Quinazolines and 2H-Indazoles. <i>ChemistrySelect</i> , 2019, 4, 2753-2760.	1.5	13
45	Ni(II) immobilized on modified boehmite nanostructures: a novel, inexpensive, and highly efficient heterogeneous nanocatalyst for multicomponent domino reactions. <i>Research on Chemical Intermediates</i> , 2019, 45, 3199-3214.	2.7	17
46	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. <i>Solid State Sciences</i> , 2019, 91, 96-107.	3.2	39
47	SBA-15@ABA-M (M=Cu, Ni and Pd): Three efficient, novel and green catalysts for oxidative coupling of thiols under mild reaction conditions. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 846-855.	5.2	18
48	Modification of boehmite nanoparticles with Adenine for the immobilization of Cu(II) as organic-inorganic hybrid nanocatalyst in organic reactions. <i>Polyhedron</i> , 2019, 163, 98-107.	2.2	47
49	Ordered mesoporous SBA-15 functionalized with yttrium(III) and cerium(III) complexes: Towards active heterogeneous catalysts for oxidation of sulfides and preparation of 5-substituted 1,4-tetrazoles. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4649.	3.5	27
50	CoFe <sub>2</sub> O <sub>4</sub> @glycine-M (M= Pr, Tb and Yb): Three green, novel, efficient and magnetically-recoverable nanocatalysts for synthesis of 5-substituted 1,4-tetrazoles and oxidation of sulfides in green condition. <i>Solid State Sciences</i> , 2019, 88, 81-94.	3.2	34
51	Immobilization of Pd(0) complex on the surface of SBA-15: A reusable catalyst for the synthesis of 5-substituted tetrazoles, sulfides and sulfoxides. <i>Polyhedron</i> , 2019, 157, 374-380.	2.2	9
52	Mild and highly efficient method for the oxidation of sulfides and oxidative coupling of thiols catalyzed by Fe <sub>3</sub> O <sub>4</sub> @MCM-41@VO-SPATB as efficient and magnetically recoverable nanocatalyst. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 553-562.	2.2	7
53	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. <i>Polyhedron</i> , 2019, 158, 25-35.	2.2	133
54	(ZrO) <sub>2</sub> Fe <sub>2</sub> O <sub>5</sub> as an efficient and recoverable nanocatalyst in C=C bond formation. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 411-421.	2.2	66

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55	Nickel(II) immobilized on dithizone-boehmite nanoparticles: as a highly efficient and recyclable nanocatalyst for the synthesis of polyhydroquinolines and sulfoxidation reaction. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 511-521.	2.2	41
56	Cu(I)-PNF, an organic-based nanocatalyst, catalyzed C-O and C-S cross-coupling reactions. <i>Canadian Journal of Chemistry</i> , 2019, 97, 46-52.	1.1	16
57	Pd(0)-guanidine@MCM-41 as efficient and reusable heterogeneous catalyst for C-C coupling reactions. <i>Journal of Porous Materials</i> , 2019, 26, 1091-1101.	2.6	19
58	Peptide Nanofiber Templated Zinc Oxide Nanostructures as Non-precious Metal Catalyzed N-Arylation of Amines, One-Pot Synthesis of ImidazoHeterocycles and Fused Quinazolines. <i>Catalysis Letters</i> , 2019, 149, 151-168.	2.6	11
59	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. <i>Research on Chemical Intermediates</i> , 2018, 44, 4259-4276.	2.7	30
60	Pd(0)-S-propyl-aminobenzothioate immobilized onto functionalized magnetic nanoporous MCM-41 as efficient and recyclable nanocatalyst for the Suzuki, Stille and Heck cross coupling reactions. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4282.	3.5	46
61	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. <i>New Journal of Chemistry</i> , 2018, 42, 5479-5488.	2.8	27
62	A new Pd-Schiff-base complex on boehmite nanoparticles: Its application in Suzuki reaction and synthesis of tetrazoles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4295.	3.5	60
63	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. <i>Polyhedron</i> , 2018, 145, 120-130.	2.2	38
64	Synthesis of Polyhydroquinoline, 2,3-Dihydroquinazolin-4(1H)-one, Sulfide and Sulfoxide Derivatives Catalyzed by New Copper Complex Supported on MCM-41. <i>Catalysis Letters</i> , 2018, 148, 857-872.	2.6	57
65	Synthesis and characterization of MCM-41@XA@Ni(II) as versatile and heterogeneous catalyst for efficient oxidation of sulfides and acetylation of alcohols under solvent-free conditions. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 649-659.	2.2	9
66	An efficient and recyclable catalytic system for carbon-sulfur coupling reaction and synthesis of 5-substituted 1H-tetrazoles. <i>Journal of Sulfur Chemistry</i> , 2018, 39, 237-251.	2.0	11
67	Synthesis of new zirconium complex supported on MCM-41 and its application as an efficient catalyst for synthesis of sulfides and the oxidation of sulfur containing compounds. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4340.	3.5	31
68	Nickel Schiff base complex anchored on Fe <sub>3</sub> O <sub>4</sub> @MCM-41 as a novel and reusable magnetic nanocatalyst and its application in the oxidation of sulfides and oxidative coupling of thiols using H <sub>2</sub> O <sub>2</sub> . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 552-561.	1.6	18
69	Fe <sub>3</sub> O <sub>4</sub> @SABENZ@VO: Magnetically separable nanocatalyst for the efficient, selective and mild oxidation of sulfides and oxidative coupling of thiols. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3948.	3.5	13
70	Immobilization of a nickel complex onto functionalized Fe <sub>3</sub> O <sub>4</sub> nanoparticles: a green and recyclable catalyst for synthesis of 5-substituted 1H-tetrazoles and oxidation reactions. <i>Research on Chemical Intermediates</i> , 2018, 44, 1363-1380.	2.7	39
71	Pd(0)-Schiff-base@MCM-41 as high-efficient and reusable catalyst for C-C coupling reactions. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 181-189.	2.2	47
72	Ni(II)-Adenine complex coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles as high reusable nanocatalyst for the synthesis of polyhydroquinoline derivatives and oxidation reactions. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3974.	3.5	66

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73	Tribromide ion supported on boehmite nanoparticles as a reusable catalyst for organic reactions. <i>Comptes Rendus Chimie</i> , 2018, 21, 1011-1022.	0.5	25
74	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. <i>Polyhedron</i> , 2018, 156, 35-47.	2.2	33
75	The first report on the transition metal-free homocoupling of aryl halides in the presence of L-cysteine. <i>New Journal of Chemistry</i> , 2018, 42, 10989-10992.	2.8	3
76	Synthesis, crystal structural study and catalyst active of benzyloxycarbonylmethyl triphenylphosphonium hexabromopalladate (II) in amination of aryl halides and Suzuki cross-coupling reaction. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2123-2134.	2.2	1
77	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. <i>Microporous and Mesoporous Materials</i> , 2018, 272, 241-250.	4.4	57
78	Ionic liquid supported on magnetic nanoparticles as a novel reusable nanocatalyst for the efficient synthesis of tetracyclic quinazoline compounds. <i>Research on Chemical Intermediates</i> , 2018, 44, 6591-6604.	2.7	12
79	Application of a novel nano-immobilization of ionic liquid on an MCM-41 system for trimethylsilylation of alcohols and phenols with hexamethyldisilazane. <i>Research on Chemical Intermediates</i> , 2018, 44, 7093-7106.	2.7	3
80	Anchoring Ni (II) on Fe <sub>3</sub> O <sub>4</sub> @tryptophan: A recyclable, green and extremely efficient magnetic nanocatalyst for one-pot synthesis of 5-substituted 1H-tetrazoles and chemoselective oxidation of sulfides and thiols. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4445.	3.5	43
81	Fe <sub>3</sub> O <sub>4</sub> -AMPD-Pd: A novel and efficient magnetic nanocatalyst for synthesis of sulfides and oxidation reactions. <i>Polyhedron</i> , 2018, 153, 104-109.	2.2	18
82	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. <i>Catalysis Letters</i> , 2018, 148, 1834-1847.	2.6	35
83	TEDETA@BNPs as a basic and metal free nanocatalyst for Knoevenagel condensation and Hantzsch reaction. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2281-2293.	2.2	23
84	Zirconium oxide complex anchored on boehmite nanoparticles as highly reusable organometallic catalyst for C-S and C-O coupling reactions. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4396.	3.5	22
85	Polyvinylpolypyrrolidonium tribromide (PVP-Br <sub>3</sub> ) as efficient and metal-free agent for the selective oxidation of alcohols, trimethylsilyl ethers and oximes under mild conditions. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 408-414.	5.2	2
86	Silica sulfuric acid-coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles as high reusable nanocatalyst for the oxidation of sulfides into sulfoxides, protection and deprotection of hydroxyl groups using HMDS and Ac <sub>2</sub> O. <i>Journal of Saudi Chemical Society</i> , 2017, 21, 399-407.	5.2	24
87	Anchoring of Cu(II)-vanillin Schiff base complex on MCM-41: A highly efficient and recyclable catalyst for synthesis of sulfides and 5-substituted 1H-tetrazoles and oxidation of sulfides to sulfoxides. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3693.	3.5	35
88	Synthesis of sulfides via reaction of aryl/alkyl halides with S <sub>8</sub> as a sulfur-transfer reagent catalyzed by Fe <sub>3</sub> O <sub>4</sub> -magnetic-nanoparticles-supported L-Histidine-Ni(II). <i>Journal of Sulfur Chemistry</i> , 2017, 38, 303-313.	2.0	19
89	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. <i>Catalysis Letters</i> , 2017, 147, 1114-1126.	2.6	37
90	Pd(0)-Arg-boehmite: As Reusable and Efficient Nanocatalyst in Suzuki and Heck Reactions. <i>Catalysis Letters</i> , 2017, 147, 649-662.	2.6	47

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91	Synthesis and characterization of DETA/Cu(NO <sub>3</sub> ) <sub>2</sub> supported on magnetic nanoparticles: a highly active and recyclable catalyst for the solvent-free synthesis of polyhydroquinolines. Monatshefte für Chemie, 2017, 148, 1131-1139.	1.8	28
92	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
93	Pd-Dithizone grafted onto magnetic nanoparticles and study of its catalytic activity in C-C and C-N coupling reactions. Applied Organometallic Chemistry, 2017, 31, e3839.	3.5	6
94	Pd@MCM-41: As an efficient, stable and recyclable organometallic catalyst for C-C coupling reactions and synthesis of 5-substituted tetrazoles. Applied Organometallic Chemistry, 2017, 31, e3848.	3.5	27
95	Synthesis of biaryls using palladium nanoparticles immobilized on peptide nanofibers as catalyst and hydroxybenzotriazole as novel phenylating reagent. Chinese Journal of Catalysis, 2017, 38, 469-474.	14.0	8
96	Synthesis of 2,3-dihydroquinazolin-4(1H)-ones, disulfides and sulfoxides catalyzed by a zinc complex immobilized onto functionalized mesoporous MCM-41 as a mild and efficient catalyst. Journal of the Iranian Chemical Society, 2017, 14, 1215-1225.	2.2	17
97	Copper(II) immobilized on Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -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
98	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
99	Fe <sub>3</sub> O <sub>4</sub> @adenine-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
100	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
101	High Catalytic Activity of Peptide Nanofibres Decorated with Ni and Cu Nanoparticles for the Synthesis of 5-Substituted 1H-Tetrazoles and N-Arylation of Amines. Australian Journal of Chemistry, 2017, 70, 1127.	0.9	9
102	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
103	Synthesis and characterization of tribenzyl ammonium-tribromide supported on magnetic Fe <sub>3</sub> O <sub>4</sub> 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
104	Cu(II) immobilized on Fe <sub>3</sub> O <sub>4</sub> @diethylenetriamine: A new magnetically recoverable catalyst for the synthesis of 2,3-dihydroquinazolin-4(1H)-ones and oxidative coupling of thiols. Applied Organometallic Chemistry, 2017, 31, e3596.	3.5	26
105	Palladium-Alumoxane Framework as a Novel and Reusable Nanocatalyst for Suzuki-Miyaura, Stille and Heck Cross Coupling Reactions. Catalysis Letters, 2017, 147, 110-127.	2.6	7
106	Synthesis and characterization of bromine source supported on magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles: A new, versatile and efficient magnetically separable catalyst for organic synthesis. Applied Organometallic Chemistry, 2017, 31, e3634.	3.5	16
107	First report of the direct supporting of palladium-arginine complex on boehmite nanoparticles and application in the synthesis of 5-substituted tetrazoles. Applied Organometallic Chemistry, 2017, 31, e3644.	3.5	48
108	Pd-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

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109	Sâ€S Bond Formation: Nanocatalysts in the Oxidative Coupling of Thiols. Australian Journal of Chemistry, 2017, 70, 9.	0.9	51
110	Efficient synthesis of 5â€substituted tetrazoles catalysed by palladiumâ€S</i>â€methylisothiourea complex supported on boehmite nanoparticles. Applied Organometallic Chemistry, 2017, 31, e3602.	3.5	39
111	Crystal structure of a novel polymorph of trans-dichlorobis (triphenylphosphine) palladium (II) and its application as a novel, efficient and retrievable catalyst for the amination of aryl halides and stille cross-coupling reactions. Journal of Organometallic Chemistry, 2017, 841, 31-38.	1.8	13
112	Synthesis and Characterization of Pd(0)-SMT-MCM-41 and its Application in the Amination of Aryl Halides and Synthesis of 2,3-Dihydroquinazolin-4(1H)-Ones as Efficient and Recyclable Nanostructural Catalyst. Catalysis Letters, 2017, 147, 204-214.	2.6	15
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