Davood Habibi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	FeCl3–SiO2 as a reusable heterogeneous catalyst for the synthesis of 5-substituted 1H-tetrazoles via [2+3] cycloaddition of nitriles and sodium azide. Tetrahedron Letters, 2009, 50, 4435-4438.	0.7	198
2	A Facile Electrochemical Method for Synthesis of New Benzofuran Derivatives. Journal of Organic Chemistry, 2004, 69, 2637-2640.	1.7	105
3	Green synthesis of the 1-substituted 1H-1,2,3,4-tetrazoles by application of the Natrolite zeolite as a new and reusable heterogeneous catalyst. Green Chemistry, 2011, 13, 3499.	4.6	94
4	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.	1.6	92
5	Insoluble ligands and their applications. Journal of Organometallic Chemistry, 1989, 369, 17-28.	0.8	86
6	Green synthesis of formamides using the Natrolite zeolite as a natural, efficient and recyclable catalyst. Journal of Molecular Catalysis A, 2013, 378, 148-155.	4.8	86
7	A general synthetic method for the formation of arylaminotetrazoles using natural natrolite zeolite as a new and reusable heterogeneous catalyst. Tetrahedron, 2009, 65, 10715-10719.	1.0	84
8	Characterization and catalytic activity of a novel Fe nano-catalyst as efficient heterogeneous catalyst for selective oxidation of ethylbenzene, cyclohexene, and benzylalcohol. Journal of Molecular Catalysis A, 2013, 372, 90-99.	4.8	78
9	Efficient synthesis of arylaminotetrazoles in water. Tetrahedron, 2010, 66, 3866-3870.	1.0	60
10	The use of Nafion-H®/NaNO2 as an efficient procedure for the chemoselective N-nitrosation of secondary amines under mild and heterogeneous conditions. Tetrahedron Letters, 2003, 44, 3345-3349.	0.7	59
11	Silica-Supported Ferric Chloride (FeCl ₃ -SiO ₂): An Efficient and Recyclable Heterogeneous Catalyst for the Preparation of Arylaminotetrazoles. Synthetic Communications, 2010, 40, 3159-3167.	1.1	58
12	Efficient catalytic systems based on cobalt for oxidation of ethylbenzene, cyclohexene and oximes in the presence of N-hydroxyphthalimide. Applied Catalysis A: General, 2013, 466, 282-292.	2.2	53
13	P2O5–SiO2 as an efficient heterogeneous catalyst for the solvent-free synthesis of 1-substituted 1H-1,2,3,4-tetrazoles under conventional and ultrasound irradiation conditions. Monatshefte FÃ1⁄4r Chemie, 2013, 144, 725-728.	0.9	51
14	Synthesis of 6-substituted imidazo[2,1-b]thiazoles via Pd/Cu-mediated Sonogashira coupling in water. Tetrahedron Letters, 2009, 50, 5459-5462.	0.7	48
15	AlCl ₃ as an Effective Lewis Acid for the Synthesis of Arylaminotetrazoles. Synthetic Communications, 2011, 41, 2135-2145.	1.1	45
16	Manganese nanocatalyst and N-hydroxyphthalimide as an efficient catalytic system for selective oxidation of ethylbenzene, cyclohexene and oximes under aerobic condition. Journal of Molecular Catalysis A, 2014, 382, 41-54.	4.8	40
17	The use of Nafion-H® as an efficient catalyst for the direct conversion of primary and secondary trimethylsilyl ethers to their corresponding ethers under mild and heterogeneous conditions. Tetrahedron Letters, 2003, 44, 8165-8167.	0.7	39
18	Synthesis of arylaminotetrazoles by ZnCl2/AlCl3/silica as an efficient heterogeneous catalyst. Monatshefte FA¼r Chemie, 2012, 143, 925-930.	0.9	37

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#	Article	IF	CITATIONS
19	Ultrasound-Promoted Regioselective Synthesis of 1-Aryl-5-amino-1H-tetraÂzoles. Synlett, 2012, 23, 2795-2798.	1.0	33
20	Preparation, characterization and catalytic activity of a nano-Co(II)-catalyst as a high efficient heterogeneous catalyst for the selective oxidation of ethylbenzene, cyclohexene, and benzyl alcohol. Comptes Rendus Chimie, 2013, 16, 888-896.	0.2	31
21	ZnO as an Effective and Reusable Heterogeneous Catalyst for the Synthesis of Arylaminotetrazoles. Synthetic Communications, 2012, 42, 2023-2032.	1.1	30
22	Synthesis, characterization and application of a nano-manganese-catalyst as an efficient solid catalyst for solvent free selective oxidation of ethylbenzene, cyclohexene, and benzylalcohol. Applied Surface Science, 2013, 276, 487-496.	3.1	30
23	Synthesis of Aryl Nitriles using the Stable Aryl Diazonium Silica Sulfates. Journal of Chemical Research, 2012, 36, 573-574.	0.6	27
24	Preparation and characterization of the pH and thermosensitive magnetic molecular imprinted nanoparticle polymer for the cancer drug delivery. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2349-2354.	1.0	26
25	Application of supported Mn(<scp>iii</scp>), Fe(<scp>iii</scp>) and Co(<scp>ii</scp>) as heterogeneous, selective and highly reusable nano catalysts for synthesis of arylaminotetrazoles, and DFT studies of the products. RSC Advances, 2014, 4, 47625-47636.	1.7	25
26	A facile galvanostatic method for the synthesis of quinoxalinediones. Electrochimica Acta, 2006, 52, 1234-1239.	2.6	24
27	Montmorillonite KSF and montmorillonite K-10 clays as efficient catalysts for the solventless synthesis of bismaleimides and bisphthalimides using microwave irradiation. Arkivoc, 2006, 2006, 8-15.	0.3	24
28	Copper nanoparticles: A capable and versatile catalyst for the synthesis of diverse 1-phenyl-1H-tetrazoles from amino acids. Polyhedron, 2019, 160, 170-179.	1.0	23
29	An ultrasound-promoted green approach for the N-formylation of amines under solvent- and catalyst-free conditions at room temperature. Comptes Rendus Chimie, 2013, 16, 1008-1016.	0.2	22
30	Ultrasound-promoted synthesis of novel 2-imino-3-aryl-2,3-dihydrobenzo[d]oxazol-5-ol 2-iminooxazolidines derivatives. Tetrahedron, 2013, 69, 3082-3087.	1.0	22
31	A Very Simple, Highly Efficient and Catalyst-free Procedure for the NFormylation of Amines Using Triethyl orthoformate in Water Under Ultrasound-irradiation. Letters in Organic Chemistry, 2013, 10, 209-212.	0.2	22
32	Green and mild laccase-catalyzed aerobic oxidative coupling of benzenediol derivatives with various sodium benzenesulfinates. Tetrahedron Letters, 2017, 58, 289-293.	0.7	22
33	Preparation of Fe ₃ O ₄ @5,10â€dihydropyrido[2,3â€ <i>b</i>]quinoxalineâ€7,8â€diol copper complex: A capable nanocatalyst for the green synthesis of 1â€substituted 1 <i>H</i> â€ŧetrazoles. Applied Organometallic Chemistry, 2018, 32, e3988.	1.7	20
34	An efficient conversion of catechols into 6H-benzofuro[3,2-c][1]-benzopyran-6-one derivatives. Journal of Heterocyclic Chemistry, 2005, 42, 289-292.	1.4	18
35	Synthesis of pyranopyrazoles, benzopyrans, amino-2-chromenes and dihydropyrano[c]chromenes using ionic liquid with dual BrĀ,nsted acidic and Lewis basic sites. Chemical Papers, 2015, 69, .	1.0	18
36	The green and convergent paired Diels–Alder electro-synthetic reaction of 1,4-hydroquinone with 1,2-bis(bromomethyl)benzene. Electrochemistry Communications, 2014, 49, 65-69.	2.3	17

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37	A green and facile approach for the synthesis of N-monosubstituted ureas in water: Pd catalyzed reaction of arylcyanamides (an unexpected behavior of electron withdrawing groups). Polyhedron, 2018, 151, 520-529.	1.0	17
38	Montmorillonite KSF clay as an efficient catalyst for the synthesis of 1,4-dioxo-3,4-dihydrophthalazine-2(1H)-carboxamides and -carbothioamides under solvent-free conditions using microwave irradiation. Catalysis Communications, 2007, 8, 127-130.	1.6	16
39	Chemical and electrochemical procedures for the synthesis of diisopropyltetrahydroquinoxalinedione derivatives. Tetrahedron Letters, 2008, 49, 5043-5046.	0.7	16
40	A highly sensitive supported manganese-based voltammetric sensor for the electrocatalytic determination of captopril. Sensors and Actuators B: Chemical, 2013, 182, 80-86.	4.0	14
41	Application of the Fe 3 O 4 @1,10â€phenanthrolineâ€5,6â€diol@Mn nanoâ€catalyst for the green synthesis of tetrazoles and its biological performance. Applied Organometallic Chemistry, 2018, 32, e4005.	1.7	14
42	Fe3O4 nanoparticles as an efficient and reusable catalyst for the solvent-free synthesis of 9,9-dimethyl-9,10-dihydro-8H-benzo-[a]xanthen-11(12H)-ones. Chinese Journal of Catalysis, 2015, 36, 362-366.	6.9	13
43	Laccase-catalyzed, aerobic oxidative coupling of 4-substituted urazoles with sodium arylsulfinates: Green and mild procedure for the synthesis of arylsulfonyl triazolidinediones. Tetrahedron Letters, 2018, 59, 383-387.	0.7	13
44	Facile synthesis of tetrazoles catalyzed by the new copper nano-catalyst. Green Chemistry Letters and Reviews, 2020, 13, 50-59.	2.1	13
45	Microwaveâ€Induced Solventâ€Iree Synthesis of <i>β </i> â€Keto Esters Using Montmorillonite KSF and K10 Clays as Efficient and Recyclable Heterogeneous Solid Acids. Chinese Journal of Chemistry, 2008, 26, 522-524.	2.6	11
46	A versatile synthesis of arylaminotetrazoles by a magnetic Fe@Phendiol@Mn nanoâ€particle catalyst and its theoretical studies. Applied Organometallic Chemistry, 2017, 31, e3826.	1.7	10
47	A capable cobalt nanoâ€eatalyst for the <i>N</i> â€formylation of various amines and its biological activity studies. Applied Organometallic Chemistry, 2017, 31, e3874.	1.7	10
48	Montmorillonite K-10 clay as reusable heterogeneous catalyst for the microwave-mediated solventless synthesis of phthalazinetetraones. Canadian Journal of Chemistry, 2007, 85, 81-84.	0.6	9
49	Green Procedure for the Synthesis of Phthalazino[2,3â€b]phthalazineâ€5,7,12,14â€tetraones. Synthetic Communications, 2007, 37, 3165-3171.	1.1	9
50	Silica Sulfuric Acid as an Efficient Heterogeneous Catalyst for the Solvent-Free Synthesis of 1-Substituted 1H-1,2,3,4-Tetrazoles. Journal of Chemistry, 2013, 2013, 1-4.	0.9	9
51	Doxorubicin poly N -vinylpyrrolidone and poly N -isopropylacrylamide-co- N -vinylpyrrolidone coated magnetic nanoparticles. Applied Surface Science, 2014, 320, 301-308.	3.1	9
52	Synthesis Of Some Novel Silver-Cysteamine Complexes. Molecules, 2000, 5, 1194-1200.	1.7	8
53	Diaryl Sulfones Through Oxidative Coupling of Catechols and Arylsulfinic Acids. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 1391-1396.	0.8	8
54	An Efficient One-pot Synthesis of Dihydropyrano[c]chromenes and Amino-2-chromenes under Solvent-free Conditions. Journal of Chemical Research, 2013, 37, 253-255.	0.6	8

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55	The nano-magnetite-loaded 2-mercaptobenzoxazole as an adsorbent for the selective removal of the Pb2+, Ni2+ and Cd2+ ions from aqueous solutions. Korean Journal of Chemical Engineering, 2021, 38, 1510-1521.	1.2	8
56	Montmorillonite K-10 supported one-pot synthesis of some symmetric diimides and 3a,4,7,7a-tetrahydroisoindole-1,3-dione derivatives under solvent-free conditions using microwaves. Journal of the Serbian Chemical Society, 2005, 70, 579-583.	0.4	8
57	OXIDATIVE COUPLING OF IN-SITU GENERATED o-BENZOQUINONES WITH 4-HYDROXY-6-METHYL-2-PYRONE. Heterocyclic Communications, 2005, 11, .	0.6	7
58	Selective conversion of C=N bonds to their corresponding carbonyl compounds by the tribromoisocyanuric acid/wet SiO2 system as a novel reagent. Monatshefte Für Chemie, 2012, 143, 809-814.	0.9	7
59	Solvent-Free Synthesis of 1-Aryl-1H-1,2,3,4-Tetrazoles using FeCl3–SiO2 Catalysis under Conventional and Ultrasound Irradiation Conditions. Journal of Chemical Research, 2013, 37, 464-466.	0.6	7
60	A novel tetrazole functionalized polymer-supported palladium nano-catalyst for the synthesis of various N-benzylated arylcyanamides. Journal of Alloys and Compounds, 2018, 763, 891-898.	2.8	7
61	Synthesis of Tetrazoles from Amines Mediated by New Copper Nanocatalyst. Russian Journal of Organic Chemistry, 2019, 55, 1591-1597.	0.3	7
62	Synthesis of a novel acidic ionic liquid catalyst and its application for preparation of pyridines via a cooperative vinylogous anomeric-based oxidation. Research on Chemical Intermediates, 2021, 47, 1643-1661.	1.3	7
63	SYNTHESIS OF THE NEW SCHIFF BASE POLYAZA MACROCYCLES AND THEIR COMPLEXES WITH Cu2+AND Ni2+. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1197-1202.	0.8	6
64	Synthesis of 6-Substituted Imidazo[2,1-b][1,3]thiazoles and 2-Substituted Imidazo[2,1-b][1,3]benzothiazoles via Pd/Cu-Mediated Sonogashira Coupling. Synlett, 2009, 2009, 2601-2604.	1.0	6
65	<i>N</i> -Formylation of Anilines with Silica Sulfuric Acid under Solvent-Free Conditions. Journal of Chemistry, 2013, 2013, 1-6.	0.9	6
66	An efficient and recyclable bifunctional acid–base ionic liquid for synthesis of 1H-indazolo[1,2-b]phthalazinetriones. Research on Chemical Intermediates, 2015, 41, 6245-6255.	1.3	6
67	The electrochemical synthesis of new benzofuran derivatives. Journal of Electroanalytical Chemistry, 2017, 801, 206-214.	1.9	6
68	3-Mercapto-1,2,4-triazole Functionalized Fe ₃ O ₄ Based Cu Nanoparticles: A Capable Catalyst for the Synthesis of Diverse Tetrazoles from Amino Acids. Organic Preparations and Procedures International, 2020, 52, 139-146.	0.6	6
69	Removal of the Cd(II), Ni(II), and Pb(II) ions via their complexation with the uric acid-based adsorbent and use of the corresponding Cd-complex for the synthesis of tetrazoles. Chemical Physics Letters, 2022, 786, 139195.	1.2	6
70	3-Trimethylsilanylethynyl-[1,10]phenanthroline. Molecules, 2001, 6, M224.	1.7	5
71	THE USE OF NAFION-H® AS AN EFFICIENT CATALYST FOR THE DEPROTECTION OF TRIMETHYLSILYL ETHERS TO THEIR CORRESPONDING ALCOHOLS UNDER MILD AND HETEROGENEOUS CONDITIONS. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 2189-2193.	0.8	5
72	Acetylation of Phenols, Anilines, and Thiols Using Silica Sulfuric Acid under Solvent-Free Conditions. Journal of Chemistry, 2013, 2013, 1-6.	0.9	5

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73	Synthesis of 1,4-Dihydropyridines Bearing a Carbamate Moiety on the 4-Position. Journal of Chemistry, 2013, 2013, 1-6.	0.9	5
74	Nano-sized silica supported FeCl3 as an efficient heterogeneous catalyst for the synthesis of 1,2,4-triazine derivatives. Chinese Journal of Catalysis, 2015, 36, 620-625.	6.9	5
75	Green and efficient one-pot Diels-Alder electro-organic cyclization reaction of 1,2-bis(bromomethyl)benzene with naphthoquinone derivatives. Journal of Electroanalytical Chemistry, 2015, 759, 190-193.	1.9	5
76	An overview on the progress and development on the palladium catalyzed direct cyanation. Inorganica Chimica Acta, 2021, 514, 119956.	1.2	5
77	Synthesis of New 1-Substituted-1H-1,2,3,4-Tetrazoles from L-α-Amino Acids and Their Biological Assays. Letters in Organic Chemistry, 2014, 11, 145-151.	0.2	5
78	3-Ethynyl-[1,10]phenanthroline. Molecules, 2001, 6, M225.	1.7	4
79	Chemical and Electrochemical Syntheses of Benzo[<i>b</i>](1,4)â€diazepineâ€7,8â€diones. Journal of Heterocyclic Chemistry, 2015, 52, 197-200.	1.4	4
80	A New Supported Manganese-Based Coordination Complex as a Nano-Catalyst for the Synthesis of Indazolophthalazinetriones and Investigation of Its Antibacterial Activity. Chemistry, 2021, 3, 783-799.	0.9	4
81	Design, preparation, biological investigations and application of a benzoguanamine-based nickel complex for the synthesis of benzimidazoles. Journal of Molecular Structure, 2022, 1254, 132328.	1.8	4
82	A Polymeric silver(I) thiolate with diverse co-ordination numbers: [{AgSCH2CH2NMe2}5·0.5H2O]n. Polyhedron, 1999, 18, 2977-2979.	1.0	3
83	An unexpected oxidative decarboxylation reaction of 2,3-dihydroxybenzoic acid in the synthesis of new dibenzyltetrahydroquinoxalinediones. Tetrahedron, 2014, 70, 4361-4366.	1.0	2
84	Phthalimide-N-sulfonic acid, an efficient catalyst for the synthesis of various isoindoline-1,3-dione derivatives. Chemical Papers, 2017, 71, 2293-2299.	1.0	2
85	Preparation of novel palladium nanoparticles supported on magnetic iron oxide and their catalytic application in the synthesis of 2â€iminoâ€3â€phenylâ€2,3â€dihydrobenzo[<i>d</i>]oxazolâ€5â€ols. Applied Organometallic Chemistry, 2018, 32, e4263.	1.7	2
86	The Bismarck Brown Y based functional polymer-bound palladium nanoparticles as a capable catalyst for the synthesis of N-arylsulfonyl cyanamides. Polyhedron, 2018, 154, 138-147.	1.0	2
87	The capable Pd complex immobilized on the functionalized polymeric scaffold for the green benzylation reaction. Applied Organometallic Chemistry, 2021, 35, e6208.	1.7	2
88	3,8-Diethynyl-[1,10]-phenanthroline. MolBank, 2005, 2005, M424.	0.2	1
89	Editorial Retraction. Synthetic Communications, 2008, 38, 474-474.	1.1	1
90	Efficient synthesis of diethyltetrahydroquinoxalinediones. Russian Journal of Electrochemistry, 2015, 51, 56-62.	0.3	1

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91	Synthesis of a New Cyclen-based Compound as a Potent Anti-tumor Medicine. Oriental Journal of Chemistry, 2013, 29, 975-978.	0.1	1
92	The phenyltetrazolethiol-based nickel complex: a versatile catalyst for the synthesis of diverse amidoalkyl naphthols and chromenes. Research on Chemical Intermediates, 2022, 48, 683-702.	1.3	1
93	ZrCl4 or NH4VO3 as a versatile catalyst for the capable synthesis of xanthenediones and their corresponding theoretical studies. Inorganic Chemistry Communication, 2022, , 109582.	1.8	1
94	The Use of Nafion-H®/NaNO2 as an Efficient Procedure for the Chemoselective N-Nitrosation of Secondary Amines under Mild and Heterogeneous Conditions ChemInform, 2003, 34, no.	0.1	0
95	The Use of Nafion-H® as an Efficient Catalyst for the Direct Conversion of Primary and Secondary Trimethylsilyl Ethers to Their Corresponding Ethers under Mild and Heterogeneous Conditions ChemInform, 2004, 35, no.	0.1	0
96	A Facile Electrochemical Method for Synthesis of New Benzofuran Derivatives ChemInform, 2004, 35, no.	0.1	0
97	The Use of Nafion-H® as an Efficient Catalyst for the Deprotection of Trimethylsilyl Ethers to Their Corresponding Alcohols under Mild and Heterogeneous Conditions ChemInform, 2005, 36, no-no.	0.1	0
98	An Efficient Conversion of Catechols into 6H-Benzofuro[3,2-c][1]benzopyran-6-one Derivatives ChemInform, 2005, 36, no.	0.1	0
99	3-(2,5-Bis-dodecyloxy-4-iodo-phenylethynyl)-[1,10]-phenanthroline. MolBank, 2005, 2005, M417.	0.2	0
100	3-(2,5-Bis-hexyloxy-4-iodo-phenylethynyl)-[1,10]-phenanthroline. MolBank, 2005, 2005, M418.	0.2	0
101	3-(2,5-Dibutoxy-4-iodo-phenylethynyl)-[1,10]-phenanthroline. MolBank, 2005, 2005, M419.	0.2	0
102	3-(2,5-Diethoxy-4-iodo-phenylethynyl)-[1,10]-phenanthroline. MolBank, 2005, 2005, M420.	0.2	0
103	3-(2,5-Diethyl-4-iodo-phenylethynyl)-[1,10]-phenanthroline. MolBank, 2005, 2005, M421.	0.2	0
104	3,8-Bis-trimethylsilanylethynyl-[1,10]-phenanthroline. MolBank, 2005, 2005, M423.	0.2	0
105	3-(2,5-Bis-dodecyl-4-iodo-phenylethynyl)-[1,10]-phenanthroline. MolBank, 2005, 2005, M416.	0.2	0
106	3-(2,5-Dihexyl-4-iodo-phenylethynyl)-[1,10]-phenanthroline. MolBank, 2005, 2005, M422.	0.2	0
107	Synthesis of 2,5-bis(2',2'-dicarboxyethyl)thiophene Monomer and Three Heat Resistant Crosslinked Polyamides: Brief Communication. Polymers and Polymer Composites, 2006, 14, 841-844.	1.0	0
108	Efficient thioacetalisation of carbonyl compounds. Chemical Papers, 2014, 68, .	1.0	0

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109	The synthesis and morphological analysis of conducting homopolymers and copolymers of aniline and N-methylpyrrole. Journal of the Iranian Chemical Society, 2015, 12, 447-456.	1.2	0
110	Unexpected behaviors of catechols with 2,3-diaminonaphthalene. Journal of Saudi Chemical Society, 2016, 20, 201-206.	2.4	0
111	Green Synthesis of 1H-pyrazolo[1,2-b]phthalazinedione-2-carbonitriles in the Presence of L-proline. Current Organocatalysis, 2021, 8, 321-329.	0.3	0
112	A New Versatile Protocol for the Synthesis of Indazolophthalazinetriones. Russian Journal of Organic Chemistry, 2021, 57, 85-90.	0.3	0
113	The triazole-thiol-functionalized Mn-complex and its catalytic performance. Synthetic Communications, 0, , 1-20.	1.1	0