

Jayashree Milind Nagarkar

List of Publications by Year in descending order

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49
papers

1,233
citations

331670

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#	ARTICLE	IF	CITATIONS
1	Nano ceria catalyzed synthesis of substituted benzimidazole, benzothiazole, and benzoxazole in aqueous media. <i>Tetrahedron Letters</i> , 2013, 54, 6986-6990.	1.4	93
2	Palladium supported on zinc ferrite: A highly active, magnetically separable catalyst for ligand free Suzuki and Heck coupling. <i>Catalysis Communications</i> , 2013, 35, 11-16.	3.3	72
3	Amberlyst-15 catalyzed synthesis of 5-substituted 1-H-tetrazole via [3+2] cycloaddition of nitriles and sodium azide. <i>Tetrahedron Letters</i> , 2013, 54, 106-109.	1.4	63
4	Synthesis of 5-substituted 1H-tetrazoles using a nano ZnO/Co ₃ O ₄ catalyst. <i>Catalysis Science and Technology</i> , 2012, 2, 1324.	4.1	61
5	Choline chloride based eutectic solvent: an efficient and reusable solvent system for the synthesis of primary amides from aldehydes and from nitriles. <i>RSC Advances</i> , 2014, 4, 1102-1106.	3.6	58
6	A novel method for the synthesis of 5-substituted 1H-tetrazole from oxime and sodium azide. <i>Tetrahedron Letters</i> , 2012, 53, 3706-3709.	1.4	55
7	Nano ceria catalyzed synthesis of α -aminophosphonates under ultrasonication. <i>Tetrahedron Letters</i> , 2011, 52, 3499-3504.	1.4	51
8	Facile approach to the electrochemical synthesis of palladium-reduced graphene oxide and its application for Suzuki coupling reaction. <i>Tetrahedron Letters</i> , 2014, 55, 857-860.	1.4	50
9	Electrochemical synthesis and characterization of palladium nanoparticles on nafion [®] graphene support and its application for Suzuki coupling reaction. <i>Tetrahedron Letters</i> , 2013, 54, 3457-3461.	1.4	49
10	An efficient magnetic copper ferrite nanoparticle: for one pot synthesis of 2-substituted benzoxazole via redox reactions. <i>Tetrahedron Letters</i> , 2015, 56, 206-210.	1.4	47
11	Palladium supported on zinc ferrite: an efficient catalyst for ligand free C-C and C-O cross coupling reactions. <i>Tetrahedron Letters</i> , 2013, 54, 6319-6323.	1.4	44
12	Emulsification of Vegetable Oils using a Blend of Nonionic Surfactants for Cosmetic Applications. <i>Journal of Dispersion Science and Technology</i> , 2007, 28, 1077-1080.	2.4	32
13	Synthesis of bis(indolyl)methanes catalyzed by surface modified zirconia. <i>Catalysis Communications</i> , 2008, 9, 1728-1733.	3.3	28
14	Nano ceria catalyzed Ullmann type coupling reactions. <i>Tetrahedron Letters</i> , 2011, 52, 5220-5223.	1.4	28
15	Magnetically separable nano CeO ₂ : a highly efficient catalyst for ligand free direct C-H arylation of heterocycles. <i>Tetrahedron Letters</i> , 2015, 56, 693-699.	1.4	27
16	Palladium on manganese ferrite: an efficient catalyst for ligand free decarboxylative Sonogashira reaction with arene diazonium tetrafluoroborate. <i>Tetrahedron Letters</i> , 2015, 56, 1771-1774.	1.4	25
17	Palladium(II) on Functionalized NiFe ₂ O ₄ : An Efficient and Recyclable Phosphine-Free Heterogeneous Catalyst for Suzuki Coupling Reaction. <i>Catalysis Letters</i> , 2015, 145, 723-730.	2.6	25
18	Reductive carbonylation of aryl and heteroaryl iodides using Pd(acac) ₂ /dppm as an efficient catalyst. <i>Tetrahedron Letters</i> , 2011, 52, 2383-2386.	1.4	24

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19	Copper catalyzed synthesis of unsymmetrical diaryl sulfones from an arenediazonium salt and sodium p-toluenesulfinate. RSC Advances, 2015, 5, 62926-62930.	3.6	23
20	Pd(NHC)PEPPSI-diazonium salts: an efficient blend for the decarboxylative Sonogashira cross coupling reaction. New Journal of Chemistry, 2017, 41, 6775-6780.	2.8	23
21	One-Pot Synthesis of Nitriles from Aldehydes Catalyzed by Deep Eutectic Solvent. Synthesis, 2013, 45, 3295-3299.	2.3	22
22	Nano Pd@Fe ₃ O ₄ @Alg beads: as an efficient and magnetically separable catalyst for Suzuki, Heck and Buchwald-Hartwig coupling reactions. RSC Advances, 2014, 4, 53387-53396.	3.6	22
23	Electrochemically codeposited reduced graphene oxide and palladium nanoparticles: An efficient heterogeneous catalyst for Heck coupling reaction. Colloids and Interface Science Communications, 2014, 1, 47-49.	4.1	22
24	Nickel-glycerol: an efficient, recyclable catalysis system for Suzuki cross coupling reactions using aryl diazonium salts. New Journal of Chemistry, 2016, 40, 1564-1570.	2.8	22
25	Copper bis(2,2,6,6-tetramethyl-3,5-heptanedionate) catalyzed synthesis of N-substituted ferrocenes. Tetrahedron Letters, 2008, 49, 1384-1387.	1.4	21
26	Choline chloride based deep eutectic solvent as an efficient solvent for the benzylation of phenols. Tetrahedron Letters, 2014, 55, 7243-7246.	1.4	21
27	Palladium β^2 -diketonate complex catalyzed synthesis of monosubstituted arylferrocenes. Tetrahedron Letters, 2008, 49, 5252-5254.	1.4	20
28	Electrochemical synthesis of copper nanoparticles on nafion-graphene nanoribbons and its application for the synthesis of diaryl ethers. Tetrahedron Letters, 2014, 55, 4917-4922.	1.4	19
29	Electrochemical Deposition of Highly Dispersed Palladium Nanoparticles on Nafion-Graphene Film in Presence of Ferrous Ions for Ethanol Electrooxidation. Fuel Cells, 2013, 13, 364-370.	2.4	18
30	An efficient catalyst-free and chemoselective synthesis of azobenzenes from nitrobenzenes. RSC Advances, 2014, 4, 42947-42951.	3.6	15
31	A Novel Approach for the Synthesis of Biologically Important N-Aryl Amides with Arenediazonium Salts. Synthesis, 2014, 46, 2951-2956.	2.3	13
32	Palladium catalyzed desulfinylative couplings between aryl sulfinates and aryl bromide/iodide for the synthesis of biaryls. Tetrahedron, 2016, 72, 5051-5056.	1.9	12
33	Atom economic palladium catalyzed novel approach for arylation of benzothiazole and benzoxazole with triarylbiomuth reagents via C H activation. Catalysis Communications, 2017, 89, 29-33.	3.3	12
34	Ligand-free C and N cross-couplings with Pd/Nf-G nanocomposite. Tetrahedron Letters, 2015, 56, 4463-4467.	1.4	11
35	Nanoceria-catalyzed Highly Efficient Procedure for N-Formylation of Amines at Room Temperature under Solvent-free Conditions. Chemistry Letters, 2013, 42, 524-526.	1.3	10
36	One step electrochemical synthesis of bimetallic PdAu supported on nafion-graphene ribbon film for ethanol electrooxidation. Materials Research Bulletin, 2015, 70, 539-544.	5.2	10

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37	A Simple Metal Free Oxidation of Sulfide Compounds. <i>Catalysis Letters</i> , 2017, 147, 181-187.	2.6	10
38	Formylation and acetylation of alcohols using Amberlyst-15 [®] as a recyclable heterogeneous catalyst. <i>Green Chemistry Letters and Reviews</i> , 2012, 5, 27-32.	4.7	9
39	Synthesis of highly substituted indoles in presence of solid acid catalysts. <i>Green Chemistry Letters and Reviews</i> , 2011, 4, 121-126.	4.7	8
40	An efficient magnetic copper ferrite nanoparticle catalysed ligand and solvent free synthesis of N-aryl amide from aldoximes and iodobenzene. <i>RSC Advances</i> , 2015, 5, 105353-105358.	3.6	8
41	Tandem and chemoselective synthesis of benzil derivatives from styrene and arene diazonium salts. <i>Tetrahedron Letters</i> , 2017, 58, 1834-1838.	1.4	8
42	Base free palladium-Ag ₂ O catalyzed decarboxylative cross-coupling of alkynyl carboxylic acids with triaryl bismuth reagents. <i>Catalysis Communications</i> , 2018, 104, 78-81.	3.3	8
43	Zinc Mediated Selective Acylation of Ferrocene under Solvent-Free Conditions. <i>Journal of Chemical Research</i> , 2007, 2007, 426-428.	1.3	7
44	Synthesis of 2-aryl quinazolines from (2-aminophenyl)methanol and oxime ether catalyzed by copper ferrite nanoparticles. <i>Tetrahedron Letters</i> , 2017, 58, 779-784.	1.4	7
45	Palladium on manganese ferrite: an efficient catalyst for one pot synthesis of primary amides from iodobenzene. <i>RSC Advances</i> , 2015, 5, 6636-6641.	3.6	6
46	Desulfinylative Pd-catalyzed coupling reaction of arene diazonium salt with aryl sulfinates to give unsymmetrical biaryls. <i>Tetrahedron Letters</i> , 2017, 58, 2936-2939.	1.4	6
47	Electrochemical Synthesis of Pd Nano Particles on Pencil-Graphite and Application for Suzuki Coupling Reactions. <i>Catalysis Letters</i> , 2015, 145, 1817-1824.	2.6	3
48	Aryl diazonium salt and thioacetamide: a catalyst free, efficient blend of an inexpensive arylating agent with a surrogate for sulphide synthesis. <i>RSC Advances</i> , 2016, 6, 90046-90050.	3.6	3
49	Formulation, Rheology, and Hypolepidemic Activity of Vegetable Oil-Based Eggless and Low-Fat Food Emulsions. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 1006-1011.	2.4	2