

# Adimurthy Subbarayappa

## List of Publications by Year in descending order

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42  
papers

2,311  
citations

236925

25  
h-index

265206

42  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed Aerobic Oxidation of Amines to Imines under Neat Conditions with Low Catalyst Loading. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1695-1700.	4.3	213
2	<i>N</i> -Chlorosuccinimide-Promoted Regioselective Sulfenylation of Imidazoheterocycles at Room Temperature. <i>Organic Letters</i> , 2014, 16, 2978-2981.	4.6	172
3	<i>scp</i> -Proline: An Efficient Catalyst for Transamidation of Carboxamides with Amines. <i>Organic Letters</i> , 2013, 15, 1496-1499.	4.6	151
4	Synthesis of Imidazo[1,2- <i>a</i> ]pyridines: Water-Mediated Hydroamination and Silver-Catalyzed Aminooxygenation. <i>Journal of Organic Chemistry</i> , 2013, 78, 1266-1272.	3.2	136
5	Copper(I) Iodide-Catalyzed Aerobic Oxidative Synthesis of Imidazo[1,2- <i>a</i> ]pyridines from 2-Aminopyridines and Methyl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2217-2221.	4.3	111
6	Eco-friendly and versatile brominating reagent prepared from a liquid bromine precursor. <i>Green Chemistry</i> , 2006, 8, 916.	9.0	105
7	An alternative method for the regio- and stereoselective bromination of alkenes, alkynes, toluene derivatives and ketones using a bromide/bromate couple. <i>Green Chemistry</i> , 2008, 10, 232-237.	9.0	96
8	Dual role of <i>p</i> -tosylchloride: copper-catalyzed sulfenylation and metal free methylthiolation of imidazo[1,2- <i>a</i> ]pyridines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2282-2290.	2.8	93
9	Copper-Catalyzed Denitrogenative Transannulation Reaction of Pyridotriazoles: Synthesis of Imidazo[1,5- <i>a</i> ]pyridines with Amines and Amino Acids. <i>Organic Letters</i> , 2016, 18, 464-467.	4.6	92
10	Sodium Salts (NaI/NaBr/NaCl) for the Halogenation of Imidazo-Fused Heterocycles. <i>Journal of Organic Chemistry</i> , 2019, 84, 792-805.	3.2	91
11	Copper-Catalyzed Three-Component System for Arylsulfenylation of Imidazopyridines with Elemental Sulfur. <i>Journal of Organic Chemistry</i> , 2016, 81, 9964-9972.	3.2	84
12	Copper-Catalyzed C-H Functionalization of Pyridines and Isoquinolines with Vinyl Azides: Synthesis of Imidazo Heterocycles. <i>Journal of Organic Chemistry</i> , 2014, 79, 11277-11284.	3.2	83
13	Copper(0)-catalyzed aerobic oxidative synthesis of imines from amines under solvent-free conditions. <i>RSC Advances</i> , 2012, 2, 5119.	3.6	70
14	Synthesis of Imidazo[1,2- <i>a</i> ]pyridines: C-H Functionalization in the Direction of C-S Bond Formation. <i>Chemical Record</i> , 2017, 17, 1019-1038.	5.8	66
15	Copper(I) Iodide Catalyzed Aerobic Oxidative C-N and C-S bond formations through C-H Activation: Synthesis of Functionalized Imidazo[1,2- <i>a</i> ]pyridines. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 609-613.	2.7	64
16	Chitosan: an efficient recyclable catalyst for transamidation of carboxamides with amines under neat conditions. <i>Green Chemistry</i> , 2014, 16, 4122.	9.0	64
17	Lewis Acid-Catalyzed Denitrogenative Transannulation of Pyridotriazoles with Nitriles: Synthesis of Imidazopyridines. <i>Journal of Organic Chemistry</i> , 2016, 81, 9461-9469.	3.2	58
18	NaOH-Catalyzed Imine Synthesis: Aerobic Oxidative Coupling of Alcohols and Amines. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4457-4460.	2.4	51

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19	Visible-light-promoted selective C-H amination of heteroarenes with heteroaromatic amines under metal-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9590-9594.	2.8	51
20	C3 Sulfenylation of N-Heteroarenes in Water under Catalyst-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3646-3651.	2.4	50
21	Visible-light induced phosphonation of quinoxalines and quinoxalin-2(1H)-ones under aerobic metal-free conditions. <i>Green Chemistry</i> , 2020, 22, 6170-6175.	9.0	49
22	Indium-Catalyzed Denitrogenative Transannulation of Pyridotriazoles: Synthesis of Pyrido[1,2-a]indoles. <i>Organic Letters</i> , 2019, 21, 2043-2047.	4.6	35
23	Copper-Catalyzed Multicomponent Reactions (MCRs) for Disulfenylation of Imidazo[1,2-a]pyridines Using Elemental Sulfur and Arylhalides and Intramolecular Cyclization of Haloimidazo[1,2-a]pyridines. <i>Journal of Organic Chemistry</i> , 2019, 84, 14151-14160.	3.2	31
24	Ionic liquid catalysed aerobic oxidative amidation and thioamidation of benzylic amines under neat conditions. <i>Green Chemistry</i> , 2019, 21, 962-967.	9.0	29
25	Base-Promoted Transition-Metal-Free Arylation of Imidazo-Fused Heterocycles with Diaryliodonium Salts. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1665-1673.	2.4	27
26	Pd-Catalyzed regioselective synthesis of 2,6-disubstituted pyridines through denitrogenation of pyridotriazoles and 3,8-diarylation of imidazo[1,2-a]pyridines. <i>Chemical Communications</i> , 2019, 55, 10888-10891.	4.1	25
27	Green bromine: in situ generated catalyst for the selective oxidation of alcohols using H <sub>2</sub> O <sub>2</sub> as a benign oxidant. <i>RSC Advances</i> , 2012, 2, 2235.	3.6	23
28	H <sup>+</sup> -zeolite catalyzed transamidation of carboxamides, phthalimide, formamides and thioamides with amines under neat conditions. <i>RSC Advances</i> , 2015, 5, 95313-95317.	3.6	23
29	Synthesis of Functionalized Pyrazolo[1,5-a]pyridines: [3+2] Cycloaddition of N-Aminopyridines and $\beta,\gamma$ -Unsaturated Carbonyl Compounds/Alkenes at Room Temperature. <i>Synthesis</i> , 2017, 49, 2513-2522.	2.3	22
30	K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> -Catalyzed Oxidative Amidation of Benzylamines and Benzyl Cyanides under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2017, 82, 13632-13642.	3.2	20
31	Visible-Light-Induced C(sp <sup>3</sup> )-H Functionalization of Tosylhydrazones: Synthesis of Polysubstituted Pyrroles under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2018, 83, 9412-9421.	3.2	20
32	Pd-Catalyzed <i>ortho</i> Selective C-H Acyloxylation and Hydroxylation of Pyridotriazoles. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7874-7879.	2.4	19
33	Substrate selective synthesis of pyrazolo[1,5-a]pyridines through [3 + 2] cycloaddition of N-aminopyridines and $\beta$ -nitro styrenes. <i>RSC Advances</i> , 2015, 5, 42961-42964.	3.6	18
34	Oxidative Amidation of Methylarenes and Heteroamines under Metal-Free Conditions. <i>ChemistrySelect</i> , 2017, 2, 5887-5890.	1.5	17
35	Polyethylene Glycol (PEG400) as Methylene Spacer and Green Solvent for the Synthesis of Heterodiarilmethanes under Metal-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3499-3507.	2.4	15
36	Iodine-Catalyzed One-Pot Decarboxylative Sulfenylation of Electron-Rich Arenes and Indoles. <i>ChemistrySelect</i> , 2018, 3, 6116-6121.	1.5	11

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37	Ionic-Liquid-Catalyzed Synthesis of Imines, Benzimidazoles, Benzothiazoles, Quinoxalines and Quinolines through C-N, C-S, and C-C Bond Formation. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6705-6716.	2.4	7
38	Ru-Catalyzed Selective C-H Functionalization of Pyridotriazoles with Acrylates. <i>SynOpen</i> , 2021, 05, 294-300.	1.7	5
39	Catalyst-free Azoarylation of Arenes/Heteroarenes at Room Temperature. <i>ChemistrySelect</i> , 2019, 4, 5740-5744.	1.5	4
40	Annulation of imidazo[1,2-a]pyridines under metal-free conditions. <i>New Journal of Chemistry</i> , 2020, 44, 20530-20534.	2.8	4
41	BF <sub>3</sub> ·Et <sub>2</sub> O catalyzed transannulation of pyridotriazoles with isothiocyanates: synthesis of thiazolo[3,4-a]pyridin-3-imines. <i>New Journal of Chemistry</i> , 2021, 45, 20547-20550.	2.8	4
42	Hypervalent iodine mediated synthesis of imidazo[1,2-a]pyridine ethers: consecutive methylene linkage and insertion of ethylene glycol. <i>New Journal of Chemistry</i> , 2021, 45, 7491-7495.	2.8	2