Kallu Rajender Reddy

List of Publications by Year
in descending order

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43 papers	1,687 citations	331670 21 h-index	276875 41 g-index
45 all docs	45 docs citations	45 times ranked	1857 citing authors

#	Article	IF	Citations
1	Synthesis of Substituted Pyrano[3,4â€b]Quinolines by Silverâ€Catalyzed Regioselective Intramolecular Cyclization of 3â€Alkynylquinoline Aldehydes. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	4
2	Copperâ€Catalyzed Nâ€Alkyl Formamide Activation: Tandem Oxidative Coupling Approach for the Construction of Câ^'N and Câ^'O Bonds to Synthesize 3â€Alkylâ€1,3â€Benzoxazineâ€2,4â€Dione and 4â€Methyleneâ€3â€Alkylâ€1,3â€Benzoxazineâ€2â€One Derivatives. Advanced Synthesis and Catalysis, 2022, 364, 1415-1421.	4.3	3
3	Oxidative Copperâ€Catalyzed Regioselective Trifluoromethylation of Fused Imidazo[1,5â€a]â€Nâ€heteroarenes using Langlois Reagent. European Journal of Organic Chemistry, 2021, 2021, 246-252.	2.4	11
4	Synthesis of substituted 1,2-dihydroisoquinolines via Ni(<scp>ii</scp>) and Cu(<scp>i</scp>)/Ag(<scp>i</scp>) catalyzed double nucleophilic addition of arylamines to ortho-alkynyl donorâ€“acceptor cyclopropanes (o-ADACs). Organic and Biomolecular Chemistry, 2021, 19, 6025-6029.	2.8	10
5	Hydroxymethylation of quinolines via iron promoted oxidative Câ€“H functionalization: synthesis of arsindoline-A and its derivatives. Organic and Biomolecular Chemistry, 2021, 19, 645-652.	2.8	9
6	Synthesis and Optoâ€electronic Properties of BODIPY oâ€OPhos Systems. Photochemistry and Photobiology, 2020, 96, 1182-1190.	2.5	1
7	Oneâ€Pot Synthesis of 3â€Sulfenyl/Selenylimidazo[1,5â€a]quinolines from 2â€Methylquinolines, Aliphatic Amines/Amino Acids, and Dichalcogenides. European Journal of Organic Chemistry, 2019, 2019, 6122-6131.	2.4	8
8	LiI/TBHP Mediated Oxidative Crossâ€Coupling of P(O)â€“H Compounds with Phenols and Various Nucleophiles: Direct Access to the Synthesis of Organophosphates. European Journal of Organic Chemistry, 2019, 2019, 7463-7474.	2.4	14
9	Metalâ€Free, Oneâ€Pot Oxidative Triple Functionalization of Azaarenes with Methyl Arenes Mediated by Molecular Iodine/TBHP: Synthesis of Nâ€Benzylated Iodo(iso)quinolinones. Asian Journal of Organic Chemistry, 2019, 8, 2162-2171.	2.7	6
10	Ironâ€Catalyzed Minisci Type Acetylation of Nâ€Heteroarenes Mediated by CH(OEt)₃/TBHP. European Journal of Organic Chemistry, 2019, 2019, 1815-1819.	2.4	10
11	Direct Access to Halogenated Fused Imidazo[1,5â€a]Nâ€heteroaromatics through Copperâ€Promoted Double Oxidative Câ€“H Amination and Halogenation. European Journal of Organic Chemistry, 2018, 2018, 3036-3047.	2.4	22
12	TBAI/TBHP mediated oxidative cross coupling of ketones with phenols and carboxylic acids: Direct access to benzofurans. Tetrahedron Letters, 2018, 59, 33-37.	1.4	14
13	Iron-catalyzed C sp3 C sp3 bond formation via dehydrative cross coupling reaction: Facile access to new hybrid dihydroquinazolines having quinoline, isoquinoline, quinoxaline and azoles. Tetrahedron Letters, 2017, 58, 1501-1506.	1.4	10
14	TBAI/TBHP mediated oxidative cross coupling of aryl alkyl ketones with H-phosphonates and H-phosphine oxides in water: facile access to ketol phosphates and phosphinates. Tetrahedron Letters, 2016, 57, 1648-1652.	1.4	9
15	Iron-catalyzed Câ€“N bond formation via oxidative Csp3â€“H bond functionalization adjacent to nitrogen in amides and anilines: Synthesis of N-alkyl and N-benzyl azoles. Tetrahedron Letters, 2015, 56, 4200-4203.	1.4	23
16	Synthesis of unsymmetrical phenylurea derivatives via oxidative cross coupling of aryl formamides with amines under metal-free conditions. New Journal of Chemistry, 2015, 39, 805-809.	2.8	32
17	Ligand-Assisted Copper-Catalyzed Oxidative Cross-Coupling of Simple Phenols with Formamides for the Synthesis of Carbamates. Synlett, 2014, 25, 2133-2138.	1.8	17
18	Copper(II)â€Catalyzed Aromatization Followed by Bromination of Cyclohexenones Leading to Phenols and Bromophenols. European Journal of Organic Chemistry, 2014, 2014, 3256-3261.	2.4	10

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19	Câ€“N and Câ€“P bond formation via cross dehydrative coupling reaction: an efficient synthesis of novel 3,4-dihydroquinazolines. RSC Advances, 2014, 4, 55884-55888.	3.6	17
20	Metal free oxidative coupling of aryl formamides with alcohols for the synthesis of carbamates. Organic and Biomolecular Chemistry, 2014, 12, 2172-2175.	2.8	17
21	Copper-Catalyzed Activation of Î±-Amino Peroxy and Hydroxy Intermediates to Iminium Ion Precursor: An Access to C4-Substituted 3,4-Dihydroquinazolines via Oxidative Cross Coupling Strategy. Journal of Organic Chemistry, 2013, 78, 10240-10250.	3.2	36
22	Copperâ€Catalyzed Oxidative Coupling of Carboxylic Acids with N,Nâ€Dialkylformamides: An Approach to the Synthesis of Amides. European Journal of Organic Chemistry, 2013, 2013, 1218-1222.	2.4	54
23	Copper catalyzed oxidative coupling of amines with formamides: a new approach for the synthesis of unsymmetrical urea derivatives. Chemical Communications, 2013, 49, 6686.	4.1	47
24	Transition Metalâ€Free Î±â€C(sp³)ï£¿H Bond Functionalization of Amines by Oxidative Cross Dehydrogenative Coupling Reaction: Simple and Direct Access to Câ€4â€Alkylated 3,4â€Dihydroquinazoline Derivatives. Advanced Synthesis and Catalysis, 2012, 354, 2985-2991.	4.3	59
25	Critical assessment of the efficiency of chitosan biohydrogel beads as recyclable and heterogeneous organocatalyst for Câ€“C bond formation. Green Chemistry, 2012, 14, 378-392.	9.0	99
26	Synthesis of 3Hâ€Quinazolinâ€4â€ones and 4Hâ€3,1â€Benzoxazinâ€4â€ones via Benzylic Oxidation and Oxidative Dehydrogenation using Potassium Iodideâ€tertâ€Butyl Hydroperoxide. Advanced Synthesis and Catalysis, 2011, 353, 401-410.	4.3	84
27	Copperâ€Catalyzed Oxidative Cï£¿O Coupling by Direct Cï£¿H Bond Activation of Formamides: Synthesis of Enol Carbamates and 2â€Carbonylâ€Substituted Phenol Carbamates. Angewandte Chemie - International Edition, 2011, 50, 11748-11751.	13.8	130
28	Highly Efficient Oneâ€Pot Synthesis of 2â€Substituted Quinazolines and 4Hâ€Benzo[d][1,3]oxazines via Cross Dehydrogenative Coupling using Sodium Hypochlorite. Advanced Synthesis and Catalysis, 2010, 352, 341-346.	4.3	116
29	Mild and efficient oxy-iodination of alkynes and phenols with potassium iodide and tert-butyl hydroperoxide. Tetrahedron Letters, 2010, 51, 2170-2173.	1.4	57
30	Pyrrolidine-Catalyzed Condensation of Ethyl Diazoacetate to Aldehydes in Water. Synthetic Communications, 2010, 40, 1724-1729.	2.1	5
31	Selective Oxidation of Aromatic Amines to Nitro Derivatives using Potassium Iodideâ€tertâ€Butyl Hydroperoxide Catalytic System. Advanced Synthesis and Catalysis, 2009, 351, 93-96.	4.3	75
32	Catalytic oxidative conversion of alcohols, aldehydes and amines into nitriles using KI/I2â€“TBHP system. Tetrahedron Letters, 2009, 50, 2050-2053.	1.4	93
33	Catalytic Oxidative Esterification of Aldehydes and Alcohols Using KIâ€“TBHP. Synthetic Communications, 2009, 40, 186-195.	2.1	41
34	Oxidative Amidation of Aldehydes and Alcohols with Primary Amines Catalyzed by KIâ€TBHP. European Journal of Organic Chemistry, 2008, 2008, 3619-3622.	2.4	138
35	One-Pot Sequential Synthesis ofÎ²-Hydroxy-1,4-disubstituted-1,2,3-triazoles from in-situ GeneratedÎ²-Azido Alcohol by Click Chemistry. Synthetic Communications, 2008, 38, 2158-2167.	2.1	31
36	Synthesis of Chiral Benzimidazoleâ€Pyrrolidine Derivatives and their Application in Organocatalytic Aldol and Michael Addition Reactions. Synthetic Communications, 2007, 37, 4289-4299.	2.1	15

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37	Zincâ€“Proline Complex: An Efficient, Reusable Catalyst for Direct Nitroaldol Reaction in Aqueous Media. Synthetic Communications, 2007, 37, 1971-1976.	2.1	33
38	Lâ€Prolineâ€Catalyzed Asymmetric Direct Aldol Reaction of Heteroaromatic Aldehydes and Acetone: Improvement of Catalytic Efficiency in Ionic Liquid bmim [BF4]. Synthetic Communications, 2007, 37, 4301-4307.	2.1	9
39	Lâ€Prolineâ€Catalyzed Michael Addition of Aldehydes and Unmodified Ketones to Nitro Olefins Accelerated by Et3N. Synthetic Communications, 2007, 37, 91-98.	2.1	24
40	Copper-alginates: a biopolymer supported Cu(II) catalyst for 1,3-dipolar cycloaddition of alkynes with azides and oxidative coupling of 2-naphthols and phenols in water. Catalysis Letters, 2007, 114, 36-40.	2.6	85
41	Chitosan hydrogel: A green and recyclable biopolymer catalyst for aldol and Knoevenagel reactions. New Journal of Chemistry, 2006, 30, 1549.	2.8	115
42	Lâ€Prolineâ€“H2O2: A New Chemoselective Approach for Oxidation of Sulfides to Sulfoxides. Synthetic Communications, 2006, 36, 3761-3766.	2.1	16
43	Palladiumâ€“imidazole derivatives as highly active catalysts for Heck reactions. Tetrahedron Letters, 2005, 46, 661-663.	1.4	38