

Kallu Rajender Reddy

List of Publications by Year in descending order

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43
papers

1,687
citations

331670

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276875

41
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all docs

45
docs citations

45
times ranked

1857
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Amidation of Aldehydes and Alcohols with Primary Amines Catalyzed by KI/TBHP. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3619-3622.	2.4	138
2	Copper-Catalyzed Oxidative C–O Coupling by Direct C–H Bond Activation of Formamides: Synthesis of Enol Carbamates and α -Carbonyl-Substituted Phenol Carbamates. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11748-11751.	13.8	130
3	Highly Efficient One-Pot Synthesis of α -Substituted Quinazolines and β -Benzo[<i>d</i>][1,3]oxazines via Cross Dehydrogenative Coupling using Sodium Hypochlorite. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 341-346.	4.3	116
4	Chitosan hydrogel: A green and recyclable biopolymer catalyst for aldol and Knoevenagel reactions. <i>New Journal of Chemistry</i> , 2006, 30, 1549.	2.8	115
5	Critical assessment of the efficiency of chitosan biohydrogel beads as recyclable and heterogeneous organocatalyst for C–C bond formation. <i>Green Chemistry</i> , 2012, 14, 378-392.	9.0	99
6	Catalytic oxidative conversion of alcohols, aldehydes and amines into nitriles using KI/TBHP system. <i>Tetrahedron Letters</i> , 2009, 50, 2050-2053.	1.4	93
7	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. <i>Catalysis Letters</i> , 2007, 114, 36-40.	2.6	85
8	Synthesis of 3-Quinazolinones and 4-Benzoxazinones via Benzylic Oxidation and Oxidative Dehydrogenation using Potassium Iodide-tert-Butyl Hydroperoxide. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 401-410.	4.3	84
9	Selective Oxidation of Aromatic Amines to Nitro Derivatives using Potassium Iodide-tert-Butyl Hydroperoxide Catalytic System. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 93-96.	4.3	75
10	Transition Metal-Free α -C(sp ³)–H Bond Functionalization of Amines by Oxidative Cross Dehydrogenative Coupling Reaction: Simple and Direct Access to α -Alkylated 3,4-Dihydroquinazoline Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2985-2991.	4.3	59
11	Mild and efficient oxy-iodination of alkynes and phenols with potassium iodide and tert-butyl hydroperoxide. <i>Tetrahedron Letters</i> , 2010, 51, 2170-2173.	1.4	57
12	Copper-Catalyzed Oxidative Coupling of Carboxylic Acids with <i>N,N</i> -Dialkylformamides: An Approach to the Synthesis of Amides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1218-1222.	2.4	54
13	Copper catalyzed oxidative coupling of amines with formamides: a new approach for the synthesis of unsymmetrical urea derivatives. <i>Chemical Communications</i> , 2013, 49, 6686.	4.1	47
14	Catalytic Oxidative Esterification of Aldehydes and Alcohols Using KI/TBHP. <i>Synthetic Communications</i> , 2009, 40, 186-195.	2.1	41
15	Palladium-imidazole derivatives as highly active catalysts for Heck reactions. <i>Tetrahedron Letters</i> , 2005, 46, 661-663.	1.4	38
16	Copper-Catalyzed Activation of α -Amino Peroxy and Hydroxy Intermediates to Iminium Ion Precursor: An Access to C4-Substituted 3,4-Dihydroquinazolines via Oxidative Cross Coupling Strategy. <i>Journal of Organic Chemistry</i> , 2013, 78, 10240-10250.	3.2	36
17	Zinc-Proline Complex: An Efficient, Reusable Catalyst for Direct Nitroaldol Reaction in Aqueous Media. <i>Synthetic Communications</i> , 2007, 37, 1971-1976.	2.1	33
18	Synthesis of unsymmetrical phenylurea derivatives via oxidative cross coupling of aryl formamides with amines under metal-free conditions. <i>New Journal of Chemistry</i> , 2015, 39, 805-809.	2.8	32

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19	One-Pot Sequential Synthesis of α -Hydroxy-1,4-disubstituted-1,2,3-triazoles from in-situ Generated α -Azido Alcohol by Click Chemistry. <i>Synthetic Communications</i> , 2008, 38, 2158-2167.	2.1	31
20	L-Proline-Catalyzed Michael Addition of Aldehydes and Unmodified Ketones to Nitro Olefins Accelerated by Et ₃ N. <i>Synthetic Communications</i> , 2007, 37, 91-98.	2.1	24
21	Iron-catalyzed C-N bond formation via oxidative Csp ³ -H bond functionalization adjacent to nitrogen in amides and anilines: Synthesis of N-alkyl and N-benzyl azoles. <i>Tetrahedron Letters</i> , 2015, 56, 4200-4203.	1.4	23
22	Direct Access to Halogenated Fused Imidazo[1,5-a]N-heteroaromatics through Copper-Promoted Double Oxidative C-H Amination and Halogenation. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3036-3047.	2.4	22
23	Ligand-Assisted Copper-Catalyzed Oxidative Cross-Coupling of Simple Phenols with Formamides for the Synthesis of Carbamates. <i>Synlett</i> , 2014, 25, 2133-2138.	1.8	17
24	C-N and C-P bond formation via cross dehydrative coupling reaction: an efficient synthesis of novel 3,4-dihydroquinazolines. <i>RSC Advances</i> , 2014, 4, 55884-55888.	3.6	17
25	Metal free oxidative coupling of aryl formamides with alcohols for the synthesis of carbamates. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2172-2175.	2.8	17
26	L-Proline-H ₂ O ₂ : A New Chemoselective Approach for Oxidation of Sulfides to Sulfoxides. <i>Synthetic Communications</i> , 2006, 36, 3761-3766.	2.1	16
27	Synthesis of Chiral Benzimidazole-Pyrrolidine Derivatives and their Application in Organocatalytic Aldol and Michael Addition Reactions. <i>Synthetic Communications</i> , 2007, 37, 4289-4299.	2.1	15
28	TBAI/TBHP mediated oxidative cross coupling of ketones with phenols and carboxylic acids: Direct access to benzofurans. <i>Tetrahedron Letters</i> , 2018, 59, 33-37.	1.4	14
29	LiI/TBHP Mediated Oxidative Cross-Coupling of P(O)-H Compounds with Phenols and Various Nucleophiles: Direct Access to the Synthesis of Organophosphates. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7463-7474.	2.4	14
30	Oxidative Copper-Catalyzed Regioselective Trifluoromethylation of Fused Imidazo[1,5-a]N-heteroarenes using Langlois Reagent. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 246-252.	2.4	11
31	Copper(II)-Catalyzed Aromatization Followed by Bromination of Cyclohexenones Leading to Phenols and Bromophenols. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3256-3261.	2.4	10
32	Iron-catalyzed C(sp ³)-C(sp ³) bond formation via dehydrative cross coupling reaction: Facile access to new hybrid dihydroquinazolines having quinoline, isoquinoline, quinoxaline and azoles. <i>Tetrahedron Letters</i> , 2017, 58, 1501-1506.	1.4	10
33	Iron-Catalyzed Minisci Type Acetylation of N-Heteroarenes Mediated by CH(OEt) ₃ /TBHP. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1815-1819.	2.4	10
34	Synthesis of substituted 1,2-dihydroisoquinolines via Ni(II) and Cu/Ag catalyzed double nucleophilic addition of arylamines to ortho-alkynyl donor-acceptor cyclopropanes (o-ADACs). <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6025-6029.	2.8	10
35	L-Proline-Catalyzed Asymmetric Direct Aldol Reaction of Heteroaromatic Aldehydes and Acetone: Improvement of Catalytic Efficiency in Ionic Liquid bmim [BF ₄]. <i>Synthetic Communications</i> , 2007, 37, 4301-4307.	2.1	9
36	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. <i>Tetrahedron Letters</i> , 2016, 57, 1648-1652.	1.4	9

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37	Hydroxymethylation of quinolines <i>via</i> iron promoted oxidative C-H functionalization: synthesis of arsinoline-A and its derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 645-652.	2.8	9
38	One-Pot Synthesis of β -Sulfonyl/Selenylimidazo[1,5-a]quinolines from α -Methylquinolines, Aliphatic Amines/Amino Acids, and Dichalcogenides. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6122-6131.	2.4	8
39	Metal-Free, One-Pot Oxidative Triple Functionalization of Azaarenes with Methyl Arenes Mediated by Molecular Iodine/TBHP: Synthesis of N -Benzylated Iodo(iso)quinolinones. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 2162-2171.	2.7	6
40	Pyrrolidine-Catalyzed Condensation of Ethyl Diazoacetate to Aldehydes in Water. <i>Synthetic Communications</i> , 2010, 40, 1724-1729.	2.1	5
41	Synthesis of Substituted Pyrano[3,4- <i>b</i>]Quinolines by Silver-Catalyzed Regioselective Intramolecular Cyclization of β -Alkynylquinoline Aldehydes. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	4
42	Copper-Catalyzed N -Alkyl Formamide Activation: Tandem Oxidative Coupling Approach for the Construction of $C-N$ and $C-O$ Bonds to Synthesize β -Alkyl- $1,3$ -Benzoxazine- $2,4$ -Dione and 4 -Methylene- β -Alkyl- $1,3$ -Benzoxazine- 2 -One Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1415-1421.	4.3	3
43	Synthesis and Optoelectronic Properties of BODIPY o-Phos Systems. <i>Photochemistry and Photobiology</i> , 2020, 96, 1182-1190.	2.5	1