

Ramar A Kumar

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Self-Assembled Polydiacetylene Nanoribbons for Semi-Heterogeneous and Enantioselective Organocatalysis of Aldol Reactions in Water. <i>ChemCatChem</i> , 2020, 12, 1156-1160.	1.8	12
2	Tailor-Made Polydiacetylene Micelles for the Catalysis of 1,3-Dipolar Cycloadditions in Water. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4425-4431.	2.1	16
3	Strain-Promoted 1,3-Dithiolium-Alkyne Cycloaddition. <i>Angewandte Chemie</i> , 2019, 131, 14686-14690.	10	
4	Copper complexes and carbon nanotube-copper ferrite-catalyzed benzenoid A-ring selenation of quinones: an efficient method for the synthesis of trypanocidal agents. <i>New Journal of Chemistry</i> , 2019, 43, 13751-13763.	1.4	27
5	Strain-Promoted 1,3-Dithiolium-Alkyne Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14544-14548.	7.2	18
6	A Practical Synthesis of Valuable Strained Eight-Membered Ring Derivatives for Click Chemistry. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2000-2008.	1.2	9
7	Carbon nanotube-copper ferrite-catalyzed aqueous 1,3-dipolar cycloaddition of <i>in situ</i> -generated organic azides with alkynes. <i>Chemical Communications</i> , 2018, 54, 3644-3647.	2.2	27
8	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.	0.7	10
9	Bioorthogonal Click and Release Reaction of Iminosydones with Cycloalkynes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15612-15616.	7.2	91
10	Bioorthogonal Click and Release Reaction of Iminosydones with Cycloalkynes. <i>Angewandte Chemie</i> , 2017, 129, 15818-15822.	1.6	32
11	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.	0.7	9
12	Iron-catalyzed C-C bond formation via cross dehydrative coupling reaction of N-heterocyclic aminols with electron rich arenes: facile access to C4-aryl-dihydroquinazolines. <i>Tetrahedron</i> , 2016, 72, 794-802.	1.0	3
13	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.	0.7	23
14	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.	1.7	17
15	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.	1.7	36
16	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.	1.2	54
17	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.	2.2	47
18	Transition Metal-Free α -C(sp ³) ₂ -H Bond Functionalization of Amines by Oxidative Cross Dehydrogenative Coupling Reaction: Simple and Direct Access to C4-Alkylated 3,4-Dihydroquinazoline Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2985-2991.	2.1	59

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19	Synthesis of 3 <i>H</i> -Quinazolin-4-ones and 4 <i>H</i> - β ,1-Benzoxazin-4-ones <i>via</i> Benzylic Oxidation and Oxidative Dehydrogenation using Potassium Iodide- <i>tert</i> -Butyl Hydroperoxide. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 401-410.	2.1	84
20	Copper-Catalyzed Oxidative C=C 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.	7.2	130
21	Highly Efficient One-Pot Synthesis of α -Substituted Quinazolines and 4 <i>H</i> -Benzo[<i>d</i>][1,3]oxazines <i>via</i> Cross Dehydrogenative Coupling using Sodium Hypochlorite. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 341-346.	2.1	116