

Narasimhulu Gandhamsetty

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Boron-Catalyzed Silylative Reduction of Quinolines: Selective $\text{sp}^3\text{-C}=\text{Si}$ Bond Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 16780-16783.	13.7	113
2	Selective Silylative Reduction of Pyridines Leading to Structurally Diverse Azacyclic Compounds with the Formation of $\text{sp}^3\text{-C}=\text{Si}$ Bonds. <i>Journal of the American Chemical Society</i> , 2015, 137, 15176-15184.	13.7	96
3	Chemoselective Silylative Reduction of Conjugated Nitriles under Metal-Free Catalytic Conditions: β -Silyl Amines and Enamines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6832-6836.	13.8	67
4	Boron-Catalyzed Silylative Reduction of Nitriles in Accessing Primary Amines and Imines. <i>Journal of Organic Chemistry</i> , 2015, 80, 7281-7287.	3.2	65
5	Borane catalysed ring opening and closing cascades of furans leading to silicon functionalized synthetic intermediates. <i>Nature Communications</i> , 2016, 7, 13431.	12.8	61
6	InCl_3 -catalyzed three-component reaction: a novel synthesis of dihydropyrano[3,2-b]chromenediones under solvent-free conditions. <i>Tetrahedron Letters</i> , 2010, 51, 5677-5679.	1.4	56
7	Quinazolinone-Directed C-H Activation: A Novel Strategy for the Acetoxylation-Methoxylation of the Arenes. <i>Synlett</i> , 2012, 23, 1364-1370.	1.8	52
8	Phosphomolybdic acid: a highly efficient solid acid catalyst for the synthesis of trans-4,5-disubstituted cyclopentenones. <i>Tetrahedron Letters</i> , 2012, 53, 1776-1779.	1.4	40
9	Iodine-catalyzed three-component one-pot synthesis of naphthopyranopyrimidines under solvent-free conditions. <i>Tetrahedron Letters</i> , 2012, 53, 1738-1741.	1.4	37
10	$\text{In}(\text{OTf})_3$ -catalyzed tandem aza-Piancatelli rearrangement/Michael reaction for the synthesis of 3,4-dihydro-2H-benzo[b][1,4]thiazine and oxazine derivatives. <i>RSC Advances</i> , 2012, 2, 10661.	3.6	32
11	Reoptimization of the Organocatalyzed Double Aldol Domino Process to a Key Enal Intermediate and Its Application to the Total Synthesis of β -Prostaglandin J_3 . <i>Chemistry - A European Journal</i> , 2018, 24, 9542-9545.	3.3	32
12	Boron-Catalyzed Hydrogenative Reduction of Substituted Quinolines to Tetrahydroquinolines with Hydrosilanes. <i>Synlett</i> , 2017, 28, 2396-2400.	1.8	25
13	Iodine as a mild and efficient catalyst for the diastereoselective synthesis of β -silyloxy- β -lactones. <i>Tetrahedron Letters</i> , 2008, 49, 5683-5686.	1.4	22
14	Iodine-catalyzed 1,4-addition of 2-(trimethylsilyloxy)furan to α,β -unsaturated ketones: a facile synthesis of β -butenolides. <i>Tetrahedron Letters</i> , 2009, 50, 3760-3762.	1.4	19
15	Total synthesis of (+)-pseudohygroline. <i>Tetrahedron Letters</i> , 2010, 51, 1574-1577.	1.4	17
16	Oxidative C-H functionalization: a novel strategy for the acetoxylation/alkoxylation of arenes tethered to 3,4-dihydroisoquinolines. <i>Tetrahedron Letters</i> , 2012, 53, 6091-6094.	1.4	17
17	$\text{Sc}(\text{OTf})_3/\text{TsOH}$: a highly efficient catalytic system for the synthesis of 2,6-dioxabicyclo[3,2,1]octane derivatives. <i>Tetrahedron Letters</i> , 2012, 53, 3100-3103.	1.4	16
18	First example of FeCl_3 -catalyzed alkylation of indoles with pinenes. <i>Tetrahedron Letters</i> , 2010, 51, 244-247.	1.4	14

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19	A novel biomimetic condensation of 2-deoxyribose, aryl amine and acetyl acetone to bicyclic aminols catalyzed by InCl ₃ . <i>Tetrahedron Letters</i> , 2008, 49, 3341-3345.	1.4	13
20	Microwave-assisted cyclocondensation: a rapid and solvent-free synthesis of 3-benzyl-2H-pyrido[1,2-a]pyrimidin-2-one derivatives. <i>Tetrahedron Letters</i> , 2013, 54, 4892-4895.	1.4	11
21	FeCl ₃ -catalyzed functionalization of monoterpenes via hydroalkylation of unactivated alkenes. <i>Tetrahedron Letters</i> , 2009, 50, 5783-5785.	1.4	10
22	SN ₂ substitution reaction of 2-C-acetoxymethyl glycols catalyzed by iodine: a novel synthesis of 2-C-N-arylamidomethyl glycols. <i>Tetrahedron Letters</i> , 2013, 54, 871-873.	1.4	9
23	Iron(III)-catalyzed Highly Efficient, One-pot Synthesis of Triazolo[1,2- <i>a</i>]indazoletriones and Spirotriazolo[1,2- <i>a</i>]indazoletetraones. <i>Chemistry Letters</i> , 2013, 42, 927-929.	1.3	7
24	Cellulose- <i>Sulfonic Acid</i> : An Efficient, Recyclable, and Biodegradable Solid Acid Catalyst for the Synthesis of 3-Aminoalkylindoles. <i>Chemistry Letters</i> , 2013, 42, 972-974.	1.3	5
25	Diastereoselective Construction of β -Silyltetrahydropyrans through Silyl-Oxa-Prins Cyclization. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 933-938.	2.4	1