

# Narasimhulu Gandhamsetty

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Reoptimization of the Organocatalyzed Double Aldol Domino Process to a Key Enal Intermediate and Its Application to the Total Synthesis of Î²<sup>12</sup>-Prostaglandin J<sub>3</sub>. Chemistry - A European Journal, 2018, 24, 9542-9545.	3.3	32
2	Boron-Catalyzed Hydrogenative Reduction of Substituted Quinolines to Tetrahydroquinolines with Hydrosilanes. Synlett, 2017, 28, 2396-2400.	1.8	25
3	Diastereoselective Construction of Î±-Silyltetrahydropyrans through Silyl-Oxa-Prins Cyclization. European Journal of Organic Chemistry, 2017, 2017, 933-938.	2.4	1
4	Borane catalysed ring opening and closing cascades of furans leading to silicon functionalized synthetic intermediates. Nature Communications, 2016, 7, 13431.	12.8	61
5	Boron-Catalyzed Silylative Reduction of Nitriles in Accessing Primary Amines and Imines. Journal of Organic Chemistry, 2015, 80, 7281-7287.	3.2	65
6	Chemoselective Silylative Reduction of Conjugated Nitriles under Metal-Free Catalytic Conditions: Î±-Silyl Amines and Enamines. Angewandte Chemie - International Edition, 2015, 54, 6832-6836.	13.8	67
7	Selective Silylative Reduction of Pyridines Leading to Structurally Diverse Azacyclic Compounds with the Formation of sp<sup>3</sup>-Si Bonds. Journal of the American Chemical Society, 2015, 137, 15176-15184.	13.7	96
8	Boron-Catalyzed Silylative Reduction of Quinolines: Selective sp<sup>3</sup>-Si Bond Formation. Journal of the American Chemical Society, 2014, 136, 16780-16783.	13.7	113
9	Microwave-assisted cyclocondensation: a rapid and solvent-free synthesis of 3-benzyl-2H-pyrido[1,2-a]pyrimidin-2-one derivatives. Tetrahedron Letters, 2013, 54, 4892-4895.	1.4	11
10	SN2 substitution reaction of 2-C-acetoxymethyl glycals catalyzed by iodine: a novel synthesis of 2-C-N-arylamidomethyl glycals. Tetrahedron Letters, 2013, 54, 871-873.	1.4	9
11	Iron(III)-catalyzed Highly Efficient, One-pot Synthesis of Triazolo[1,2-a]indazoletriones and Spirotriazolo[1,2-a]indazoletetraones. Chemistry Letters, 2013, 42, 927-929.	1.3	7
12	Cellulose-Sulfonic Acid: An Efficient, Recyclable, and Biodegradable Solid Acid Catalyst for the Synthesis of 3-Aminoalkylindoles. Chemistry Letters, 2013, 42, 972-974.	1.3	5
13	Quinazolinone-Directed C-H Activation: A Novel Strategy for the Acetoxylation-Methoxylation of the Arenes. Synlett, 2012, 23, 1364-1370.	1.8	52
14	In(OTf) <sub>3</sub> -catalyzed tandem aza-Piancatelli rearrangement/Michael reaction for the synthesis of 3,4-dihydro-2H-benzo[b][1,4]thiazine and oxazine derivatives. RSC Advances, 2012, 2, 10661.	3.6	32
15	Oxidative C-H functionalization: a novel strategy for the acetoxylation/alkoxylation of arenes tethered to 3,4-dihydroisoquinolines. Tetrahedron Letters, 2012, 53, 6091-6094.	1.4	17
16	Iodine-catalyzed three-component one-pot synthesis of naphthopyranopyrimidines under solvent-free conditions. Tetrahedron Letters, 2012, 53, 1738-1741.	1.4	37
17	Phosphomolybdic acid: a highly efficient solid acid catalyst for the synthesis of trans-4,5-disubstituted cyclopentenones. Tetrahedron Letters, 2012, 53, 1776-1779.	1.4	40
18	Sc(OTf) <sub>3</sub> /TsOH: a highly efficient catalytic system for the synthesis of 2,6-dioxabicyclo[3,2,1]octane derivatives. Tetrahedron Letters, 2012, 53, 3100-3103.	1.4	16

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19	Total synthesis of (+)-pseudohygroline. Tetrahedron Letters, 2010, 51, 1574-1577.	1.4	17
20	InCl <sub>3</sub> -catalyzed three-component reaction: a novel synthesis of dihydropyrano[3,2-b]chromenediones under solvent-free conditions. Tetrahedron Letters, 2010, 51, 5677-5679.	1.4	56
21	First example of FeCl <sub>3</sub> -catalyzed alkylation of indoles with pinenes. Tetrahedron Letters, 2010, 51, 244-247.	1.4	14
22	Iodine-catalyzed 1,4-addition of 2-(trimethylsilyloxy)furan to $\hat{1},\hat{2}$ -unsaturated ketones: a facile synthesis of $\hat{1},\hat{3}$ -butenolides. Tetrahedron Letters, 2009, 50, 3760-3762.	1.4	19
23	FeCl <sub>3</sub> -catalyzed functionalization of monoterpenes via hydroalkylation of unactivated alkenes. Tetrahedron Letters, 2009, 50, 5783-5785.	1.4	10
24	A novel biomimetic condensation of 2-deoxyribose, aryl amine and acetyl acetone to bicyclic aminols catalyzed by InCl <sub>3</sub> . Tetrahedron Letters, 2008, 49, 3341-3345.	1.4	13
25	Iodine as a mild and efficient catalyst for the diastereoselective synthesis of $\hat{1}$ -silyloxy- $\hat{1},\hat{3}$ -lactones. Tetrahedron Letters, 2008, 49, 5683-5686.	1.4	22