

Vaithiyanathan V

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An efficient stereoselective synthesis of 3-spirocyclopentene- and 3-spiropyrazole-2-oxindoles via 1,3-dipolar cycloaddition reaction. <i>Chemical Communications</i> , 2010, 46, 2826.	4.1	98
2	Synthesis of functionalized 3-spirocyclopropane-2-indolones from isomerised Baylis-Hillman adducts of isatin. <i>Tetrahedron</i> , 2006, 62, 4342-4348.	1.9	55
3	Stereoselective synthesis of 3-spiro- β -methylene- β -butyrolactone oxindoles from Morita-Baylis-Hillman adducts of isatin. <i>Tetrahedron</i> , 2008, 64, 3322-3330.	1.9	36
4	Activation of the NC-H bond of Baylis-Hillman adducts of N-methylisatin with CAN/ROH. <i>Tetrahedron Letters</i> , 2006, 47, 6851-6855.	1.4	19
5	A facile and efficient stereoselective synthesis of highly functionalised trisubstituted alkene derivatives of ferrocenealdehyde. <i>Tetrahedron Letters</i> , 2007, 48, 9190-9194.	1.4	19
6	A mild and efficient CAN mediated oxidation of Morita-Baylis-Hillman adducts of 5-methyl-N-alkylisatin to 5-formyl-N-alkylisatin. <i>Tetrahedron Letters</i> , 2008, 49, 2119-2123.	1.4	15
7	A Facile and Efficient Synthesis of Functionalized β -Butyrolactones from Baylis - Hillman Adducts of Isatin. <i>Australian Journal of Chemistry</i> , 2007, 60, 296.	0.9	13
8	Synthesis of Substituted Isatins from the MBH Adduct of 1,5,6-Trisubstituted Isatins Using (2,4-Dinitrophenyl)hydrazine and K-10 Clay Explored as Protection-Deprotection Chemistry. <i>ACS Omega</i> , 2019, 4, 9563-9568.	3.5	12
9	Synthesis of 3-Heteroaryl-Substituted Tetrahydrofurans from the Baylis-Hillman Adducts of Heteroarylaldehydes by Bu_3SnH -Mediated α -exo-trig Vinyl Radical Cyclization. <i>Synthetic Communications</i> , 2007, 37, 2291-2299.	2.1	9
10	A first one-pot synthesis, isomerization and synthetic utility of mono- and bis Morita-Baylis-Hillman adducts of 1,1'-ferrocenealdehyde. <i>Tetrahedron Letters</i> , 2009, 50, 2213-2218.	1.4	8
11	Activation of the NC-H bond of Morita-Baylis-Hillman adducts of N-substituted isatins with cerium ammonium nitrate (CAN) and alcohol (ROH). <i>Canadian Journal of Chemistry</i> , 2009, 87, 591-599.	1.1	7
12	Silica Chloride-Catalyzed One-Pot Isomerization - Chlorination, Arylation, and Etherification of Baylis - Hillman Adducts. <i>Australian Journal of Chemistry</i> , 2007, 60, 850.	0.9	6
13	Synthesis of chiral allene moiety from Morita-Baylis-Hillman adduct of isatin derivatives via Claisen rearrangement. <i>Tetrahedron Letters</i> , 2019, 60, 507-510.	1.4	4
14	A short time isomerisation for the synthesis of 3-ylideneoxindoles from Morita-Baylis-Hillman adduct of isatin derivatives with 1-hexyn-3-ol using FeCl_3 and K-10 clay. <i>Tetrahedron Letters</i> , 2021, 75, 153212.	1.4	3
15	Synthesis of Highly Functionalized Allene-Appended Oxindoles and 2-Oxo-1,2-dihydroindol-3-ylidene-2,5-dihydrofurans via Claisen Rearrangement and Cyclization. <i>Synlett</i> , 2009, 2009, 1591-1596.	1.8	2