

Mari Vellakkaran

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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#	ARTICLE	IF	CITATIONS
1	An Efficient and Selective Nickel-Catalyzed Direct N-Alkylation of Anilines with Alcohols. <i>ACS Catalysis</i> , 2017, 7, 8152-8158.	5.5	174
2	Nickel-Catalyzed Hydrogen-Borrowing Strategy for α -Alkylation of Ketones with Alcohols: A New Route to Branched <i>gem</i> -Bis(alkyl) Ketones. <i>Organic Letters</i> , 2018, 20, 5587-5591.	2.4	116
3	A nitrogen-ligated nickel-catalyst enables selective intermolecular cyclisation of β - and γ -amino alcohols with ketones: access to five and six-membered N-heterocycles. <i>Green Chemistry</i> , 2018, 20, 2250-2256.	4.6	77
4	Nickel-Catalyzed Alkylation of Ketone Enolates: Synthesis of Monoselective Linear Ketones. <i>Journal of Organic Chemistry</i> , 2019, 84, 769-779.	1.7	54
5	Nickel-catalysed alkylation of C(sp ³)-H bonds with alcohols: direct access to functionalised N-heteroaromatics. <i>Chemical Communications</i> , 2018, 54, 12369-12372.	2.2	48
6	Iron-Catalyzed Coupling of Methyl <i>N</i> -Heteroarenes with Primary Alcohols: Direct Access to <i>E</i> -Selective Olefins. <i>Organic Letters</i> , 2019, 21, 7514-7518.	2.4	36
7	Nickel-Catalyzed Double Dehydrogenative Coupling of Secondary Alcohols and β -Amino Alcohols To Access Substituted Pyrroles. <i>Journal of Organic Chemistry</i> , 2019, 84, 13557-13564.	1.7	31
8	Ligated Regioselective Pd ^{II} Catalysis to Access β -Aryl-Bearing Aldehydes, Ketones, and β -Keto Esters. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4694-4698.	1.2	28
9	Replacing a stoichiometric silver oxidant with air: ligated Pd(ⁱⁱ)-catalysis to β -aryl carbonyl derivatives with improved chemoselectivity. <i>Green Chemistry</i> , 2014, 16, 2788-2797.	4.6	26
10	Nickel-catalysed direct α -olefination of alkyl substituted N-heteroarenes with alcohols. <i>Chemical Communications</i> , 2019, 55, 7530-7533.	2.2	25
11	Rhodium(II)-Catalyzed Carbenoid Insertion of <i>N</i> -Tosylhydrazones into Amide N-H Bonds: An Efficient Approach to <i>N</i> -Benzyl/Alkyl- β -Arylquinazolinones. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 81-89.	2.1	23
12	Visible-Light-Induced C4-Selective Functionalization of Pyridinium Salts with Cyclopropanols. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
13	Ruthenium as a Single Catalyst for Two Steps: One-Pot Ruthenium(II)-Catalyzed Aerobic Oxidative Dehydrogenation of Dihydroquinazolinones and Cross-Coupling/Annulation to give <i>N</i> -Fused Polycyclic Heteroarenes. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 462-469.	1.3	15
14	Palladium(ⁱⁱ)-catalyzed direct O-alkenylation of 2-arylquinazolinones with <i>N</i> -tosylhydrazones: an efficient route to O-alkenylquinazolines. <i>Chemical Communications</i> , 2017, 53, 1672-1675.	2.2	15
15	Oxygen as single oxidant for two steps: base-free one-pot Pd(ii)-catalyzed alcohol oxidation & arylation to halogen-intact β -aryl α,β -enones. <i>RSC Advances</i> , 2014, 4, 45490-45494.	1.7	14
16	Direct Synthesis of β -Keto Sulfones from Allylic Alcohols: One-Pot Palladium(II)-Catalyzed Generation of Enones Followed by Water-Mediated 1,4-Addition of Organosulfonates. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3575-3583.	1.2	13
17	Visible-Light-Induced Reactions Driven by Photochemical Activity of Quinolinone and Coumarin Scaffolds. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1012-1023.	1.3	10
18	Regioselective Palladium(II)-Catalyzed Desulfitative Heck-Type Reaction: Access to β -Benzyl- β -keto Esters from Baylis-Hillman Adducts and Sodium Sulfonates. <i>Synthesis</i> , 2013, 45, 2867-2874.	1.2	9

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19	Palladium(0)-catalyzed direct C-H hetero-arylation of 2-arylimidazo [1,2-a]pyridines with (E)-1-(5-bromothiophen-2-yl)-3-arylprop-2-en-1-ones and their anticancer activity. RSC Advances, 2015, 5, 80057-80062.	1.7	2
20	Visible-Light-Induced C4-Selective Functionalization of Pyridinium Salts with Cyclopropanols. Angewandte Chemie, 0, , .	1.6	2