

Masilamani Jeganmohan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rhodium-Catalyzed One-Pot Synthesis of Substituted Pyridine Derivatives from β,β' -Unsaturated Ketoximes and Alkynes. <i>Organic Letters</i> , 2008, 10, 325-328.	2.4	303
2	Ruthenium-Catalyzed <i>Ortho</i> -Alkenylation of Aromatic Ketones with Alkenes by C-H Bond Activation. <i>Organic Letters</i> , 2011, 13, 6144-6147.	2.4	247
3	Ruthenium-Catalyzed Highly Regioselective Cyclization of Ketoximes with Alkynes by C-H Bond Activation: A Practical Route to Synthesize Substituted Isoquinolines. <i>Organic Letters</i> , 2012, 14, 3032-3035.	2.4	244
4	Regioselective synthesis of isocoumarins by ruthenium-catalyzed aerobic oxidative cyclization of aromatic acids with alkynes. <i>Chemical Communications</i> , 2012, 48, 2030.	2.2	237
5	Highly Regio- and Stereoselective Ruthenium(II)-Catalyzed Direct <i>ortho</i> -Alkenylation of Aromatic and Heteroaromatic Aldehydes with Activated Alkenes under Open Atmosphere. <i>Organic Letters</i> , 2012, 14, 1134-1137.	2.4	197
6	Recent advances in the ruthenium(η^2)-catalyzed chelation-assisted C-H olefination of substituted aromatics, alkenes and heteroaromatics with alkenes via the deprotonation pathway. <i>Chemical Communications</i> , 2017, 53, 8931-8947.	2.2	164
7	Cobalt- and Nickel-Catalyzed Regio- and Stereoselective Reductive Coupling of Alkynes, Allenes, and Alkenes with Alkenes. <i>Chemistry - A European Journal</i> , 2008, 14, 10876-10886.	1.7	155
8	Ruthenium-Catalyzed <i>ortho</i> -Alkenylation of Aromatics with Alkenes at Room Temperature with Hydrogen Evolution. <i>ACS Catalysis</i> , 2016, 6, 230-234.	5.5	143
9	Recent advances in the ruthenium-catalyzed hydroarylation of alkynes with aromatics: synthesis of trisubstituted alkenes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10420-10436.	1.5	142
10	Transition metal-catalyzed three-component coupling of allenenes and the related allylation reactions. <i>Chemical Communications</i> , 2008, , 3101.	2.2	122
11	Cobalt-Catalyzed Cyclization of <i>N</i> -Methoxy Benzamides with Alkynes using an Internal Oxidant through C-H/N-O Bond Activation. <i>Chemistry - A European Journal</i> , 2016, 22, 5899-5903.	1.7	109
12	Highly Efficient Cyclization of <i>o</i> -Iodobenzoates with Aldehydes Catalyzed by Cobalt Bidentate Phosphine Complexes: A Novel Entry to Chiral Phthalides. <i>Chemistry - A European Journal</i> , 2007, 13, 4356-4363.	1.7	105
13	Alkylation, Annulation, and Alkenylation of Organic Molecules with Maleimides by Transition-Metal-Catalyzed C-H Bond Activation. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1949-1969.	1.3	104
14	Regioselective <i>Ortho</i> -Arylation and Alkenylation of <i>N</i> -Alkyl Benzamides with Boronic Acids via Ruthenium-Catalyzed C-H Bond Activation: An Easy Route to Fluorenones Synthesis. <i>Organic Letters</i> , 2012, 14, 5246-5249.	2.4	100
15	Ruthenium-catalyzed <i>ortho</i> -arylation of acetanilides with aromatic boronic acids: an easy route to prepare phenanthridines and carbazoles. <i>Chemical Communications</i> , 2014, 50, 2442-2444.	2.2	96
16	Ruthenium-Catalyzed Regioselective Cyclization of Aromatic Ketones with Alkynes: An Efficient Route to Indenols and Benzofulvenes. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 417-423.	1.2	95
17	Reaction of alkynes, N-heteroaromatics and nitriles. <i>Chemical Communications</i> , 2006, , 2454.	2.2	94
18	Ruthenium-catalyzed regioselective oxidative coupling of aromatic and heteroaromatic esters with alkenes under an open atmosphere. <i>Chemical Communications</i> , 2012, 48, 7140.	2.2	93

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19	Synthesis of isoindolinones via a ruthenium-catalyzed cyclization of N-substituted benzamides with allylic alcohols. <i>Chemical Communications</i> , 2015, 51, 2929-2932.	2.2	92
20	Cobalt(II)-Catalyzed Regio- and Stereoselective Hydroarylation of Alkynes with Organoboronic Acids. <i>Chemistry - A European Journal</i> , 2008, 14, 11296-11299.	1.7	90
21	A Cooperative Copper- and Palladium-Catalyzed Three-Component Coupling of Benzyne, Allylic Epoxides, and Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 391-394.	7.2	90
22	Cobalt-Catalyzed Intramolecular [2 + 2 + 2] Cocyclotrimerization of Nitrilediynes: An Efficient Route to Tetra- and Pentacyclic Pyridine Derivatives. <i>Organic Letters</i> , 2007, 9, 505-508.	2.4	89
23	Cobalt-Catalyzed Oxidative Cyclization of Benzamides with Maleimides: Synthesis of Isoindolone Spirosuccinimides. <i>Organic Letters</i> , 2017, 19, 5884-5887.	2.4	88
24	Platinum-Catalyzed Multistep Reactions of Indoles with Alkynyl Alcohols. <i>Chemistry - A European Journal</i> , 2007, 13, 8285-8293.	1.7	85
25	Oxidative Cross-Coupling of Two Different Phenols: An Efficient Route to Unsymmetrical Biphenols. <i>Organic Letters</i> , 2015, 17, 3042-3045.	2.4	85
26	Ene Reaction of Arynes with Alkynes. <i>Journal of the American Chemical Society</i> , 2006, 128, 2232-2233.	6.6	84
27	Cobalt-Catalyzed Addition Reaction of Organoboronic Acids with Aldehydes: Highly Enantioselective Synthesis of Diarylmethanols. <i>Chemistry - A European Journal</i> , 2010, 16, 8989-8992.	1.7	84
28	Ruthenium-Catalyzed Cyclization of Anilides with Substituted Propiolates or Acrylates: An Efficient Route to 2-Quinolinones. <i>Organic Letters</i> , 2014, 16, 3568-3571.	2.4	81
29	Highly Regio- and Chemoselective [2+2] Cycloaddition of Electron-Deficient Dienes with Allenes Catalyzed by Nickel Complexes: A Novel Entry to Polysubstituted Benzene Derivatives. <i>Journal of Organic Chemistry</i> , 2002, 67, 7724-7729.	1.7	79
30	Ruthenium-catalyzed aerobic oxidative cyclization of aromatic and heteroaromatic nitriles with alkynes: a new route to isoquinolones. <i>Chemical Communications</i> , 2013, 49, 6060.	2.2	79
31	Palladium-Catalyzed Allylalkynylation of Benzyne: A Highly Efficient Route to Substituted 1-Allyl-2-alkynylbenzenes. <i>Organic Letters</i> , 2004, 6, 2821-2824.	2.4	77
32	Highly Efficient Route to Allylbiaryls via Palladium-Catalyzed Three-Component Coupling of Benzyne, Allylic Halides, and Aryl Organometallic Reagents. <i>Organic Letters</i> , 2005, 7, 2921-2924.	2.4	77
33	Carbocyclization of Aromatic Iodides, Bicyclic Alkenes, and Benzyne Involving a Palladium-Catalyzed C-H Bond Activation as a Key Step. <i>Organic Letters</i> , 2006, 8, 5581-5584.	2.4	77
34	Palladium-Catalyzed [2 + 2 + 2] Cocyclotrimerization of Benzyne with Bicyclic Alkenes: An Efficient Route to Anellated 9,10-Dihydrophenanthrene Derivatives and Polyaromatic Compounds. <i>Journal of Organic Chemistry</i> , 2004, 69, 8445-8450.	1.7	75
35	Palladium-catalyzed cyclization of benzamides with arynes: application to the synthesis of phenaglydon and N-methylcrinasiadine. <i>Chemical Communications</i> , 2014, 50, 12116-12119.	2.2	74
36	Ruthenium-Catalyzed Hydroarylation of Anilides with Alkynes: An Efficient Route to <i>ortho</i> -Alkenylated Anilines. <i>Organic Letters</i> , 2014, 16, 912-915.	2.4	73

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37	Cobalt-catalyzed C-H olefination of aromatics with unactivated alkenes. <i>Chemical Communications</i> , 2016, 52, 10533-10536.	2.2	71
38	Ruthenium-catalyzed oxidative ortho-benzoylation of acetanilides with aromatic acids. <i>Chemical Communications</i> , 2013, 49, 9651.	2.2	70
39	Ruthenium-catalyzed highly regio- and stereoselective hydroarylation of aryl carbamates with alkynes via C-H bond activation. <i>Chemical Communications</i> , 2013, 49, 481-483.	2.2	69
40	A regioselective synthesis of 1-haloisoquinolines via ruthenium-catalyzed cyclization of O-methylbenzohydroximoyl halides with alkynes. <i>Chemical Communications</i> , 2013, 49, 3703.	2.2	68
41	Ruthenium- and palladium-catalyzed consecutive coupling and cyclization of aromatic sulfoximines with phenylboronic acids: an efficient route to dibenzothiazines. <i>Chemical Communications</i> , 2015, 51, 12992-12995.	2.2	68
42	Aerobic Oxidative Alkenylation of Weak C-O-Coordinating Arylacetamides with Alkenes via a Rh(III)-Catalyzed C-H Activation. <i>Organic Letters</i> , 2019, 21, 1320-1324.	2.4	67
43	Nickel-Catalyzed Borylative Coupling of Alkynes, Enones, and Bis(pinacolato)diboron as a Route to Substituted Alkenyl Boronates. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2192-2195.	7.2	66
44	Synthesis of N-Arylated 1,2-Dihydroheteroaromatics Through the Three-Component Reaction of Arynes with N-Heteroaromatics and Terminal Alkynes or Ketones. <i>Chemistry - an Asian Journal</i> , 2010, 5, 153-159.	1.7	66
45	Ruthenium-Catalyzed Cyclization of Aromatic Nitriles with Alkenes: Stereoselective Synthesis of (Z)-3-Methyleisindolin-1-ones. <i>Organic Letters</i> , 2014, 16, 4866-4869.	2.4	66
46	Ruthenium-Catalyzed Oxidant-Free Allylation of Aromatic Ketoximes with Allylic Acetates at Room Temperature. <i>Chemistry - A European Journal</i> , 2015, 21, 13934-13938.	1.7	65
47	Ruthenium-catalyzed highly regio- and stereoselective hydroarylation of aromatic sulfoxides with alkynes via C-H bond activation. <i>Chemical Communications</i> , 2014, 50, 14573-14576.	2.2	60
48	Rhodium(III)-Catalyzed Redox-Neutral 1,1-Cyclization of N-Methoxy Benzamides with Maleimides via C-H/N-H/O Activation: Detailed Mechanistic Investigation. <i>Journal of Organic Chemistry</i> , 2019, 84, 4058-4071.	1.7	60
49	Total synthesis of aristolactam alkaloids via synergistic C-H bond activation and dehydro-Diels-Alder reactions. <i>Chemical Science</i> , 2017, 8, 4130-4135.	3.7	57
50	Ruthenium-catalyzed ortho alkenylation of aromatic nitriles with activated alkenes via C-H bond activation. <i>Chemical Communications</i> , 2015, 51, 10738-10741.	2.2	55
51	A Highly Regio- and Stereoselective Nickel-Catalyzed Ring-Opening Reaction of Alkyl- and Allylzirconium Reagents to 7-Oxabenzonorbornadienes. <i>Journal of Organic Chemistry</i> , 2005, 70, 9545-9550.	1.7	53
52	ortho-Benzoylation of N-Alkyl Benzamides with Aromatic Acids Catalyzed by Ruthenium(II) Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 4092-4097.	1.7	46
53	Nickel-Catalyzed Mizoroki-Heck-versus Michael-Type Addition of Organoboronic Acids to Unsaturated Alkenes through Fine-Tuning of Ligands. <i>Chemistry - an Asian Journal</i> , 2007, 2, 1409-1416.	1.7	44
54	tmp ₄ Zr: An Atom-Economical Base for the Metalation of Functionalized Arenes and Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8520-8524.	7.2	43

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55	Ruthenium-Catalyzed Remote C-H Sulfonation of <i>N</i> -Aryl-2-aminopyridines with Aromatic Sulfonyl Chlorides. <i>Organic Letters</i> , 2017, 19, 6000-6003.	2.4	43
56	Ruthenium(II)-Catalyzed Regioselective-Controlled Allenylation/Cyclization of Benzimides with Propargyl Alcohols. <i>Journal of Organic Chemistry</i> , 2018, 83, 8567-8580.	1.7	42
57	Palladium-catalyzed three-component coupling of arynes with allylic acetates or halides and terminal alkynes promoted by cuprous iodide. <i>Chemical Communications</i> , 2008, , 2158.	2.2	41
58	Ruthenium-Catalyzed Selective Aerobic Oxidative <i>ortho</i> -Alkenylation of Substituted Phenols with Alkenes through C-H Bond Activation. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1150-1157.	1.2	41
59	Ruthenium-catalyzed intramolecular selective halogenation of <i>O</i> -methylbenzohydroximoyl halides: a new route to halogenated aromatic nitriles. <i>Chemical Communications</i> , 2013, 49, 3146.	2.2	39
60	Ruthenium(II)-Catalyzed Cyclization of Aromatic Acids with Allylic Acetates via Redox-Free Two-Fold Aromatic/Allylic C-H Activations: Combined Experimental and DFT Studies. <i>Organic Letters</i> , 2018, 20, 1982-1986.	2.4	39
61	Regioselective Synthesis of Isocoumarins via Iridium(III)-Catalyzed Oxidative Cyclization of Aromatic Acids with Propargyl Alcohols. <i>Journal of Organic Chemistry</i> , 2019, 84, 2699-2712.	1.7	38
62	Palladium-Catalyzed Multistep Reactions Involving Ring Closure of 2-Iodophenoxyallenes and Ring Opening of Bicyclic Alkenes. <i>Organic Letters</i> , 2006, 8, 621-623.	2.4	37
63	Ruthenium(II)-Catalyzed Redox-Neutral Oxidative Cyclization of Benzimidates with Alkenes with Hydrogen Evolution. <i>Organic Letters</i> , 2017, 19, 6678-6681.	2.4	37
64	Highly Selective Nickel-Catalyzed Three-Component Coupling of Alkynes with Enones and Alkenyl Boronic Acids: A Novel Route to Substituted 1,3-Dienes. <i>Organic Letters</i> , 2010, 12, 3610-3613.	2.4	35
65	Ruthenium-Catalyzed Dimerization of Propiolates: A Simple Route to $\hat{\pm}$ -Pyrones. <i>Organic Letters</i> , 2014, 16, 652-655.	2.4	35
66	Aerobic Dehydrogenative $\hat{\pm}$ -Diarylation of Benzyl Ketones with Aromatics through Carbon-Carbon Bond Cleavage. <i>Organic Letters</i> , 2014, 16, 804-807.	2.4	35
67	One-pot synthesis of benzolactones and lactams via a cobalt-catalyzed regioselective [2 + 2 + 2] cocyclootrimerization of alkynyl alcohols and amines with propiolates. <i>Chemical Communications</i> , 2005, , 4955.	2.2	34
68	Ruthenium(II)-Catalyzed Redox-Free [3 + 2] Cycloaddition of <i>N</i> -Sulfonyl Aromatic Aldimines with Maleimides. <i>Journal of Organic Chemistry</i> , 2018, 83, 3746-3755.	1.7	34
69	Cobalt-catalyzed cyclization of benzamides with alkynes: a facile route to isoquinolones with hydrogen evolution. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8384-8389.	1.5	33
70	Rhodium(III)-Catalyzed C-H Olefination of Aromatic/Vinyl Acids with Unactivated Olefins at Room Temperature. <i>Organic Letters</i> , 2020, 22, 5057-5062.	2.4	32
71	Highly regio- and stereoselective silylstannation of allenes catalyzed by phosphine-free palladium complexes. Electronic supplementary information (ESI) available: synthesis and characterization of compounds 4. See http://www.rsc.org/suppdata/cc/b2/b206488j/ . <i>Chemical Communications</i> , 2002, , 2552-2553.	2.2	31
72	Copper-catalyzed three-component coupling of arynes, terminal alkynes and activated alkenes. <i>Chemical Communications</i> , 2008, , 5013.	2.2	31

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73	Temperature-controlled redox-neutral ruthenium(<i>ii</i>)-catalyzed regioselective allylation of benzamides with allylic acetates. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7691-7701.	1.5	31
74	Solvent-controlled selective synthesis of biphenols and quinones via oxidative coupling of phenols. <i>Chemical Communications</i> , 2017, 53, 9616-9619.	2.2	29
75	Cobalt(<i>iii</i>)-catalyzed redox-neutral [4+2]-annulation of <i>N</i> -chlorobenzamides/acrylamides with alkylidene cyclopropanes at room temperature. <i>Chemical Communications</i> , 2021, 57, 3692-3695.	2.2	28
76	Highly Regio- and Chemoselective Palladium-Catalyzed Propargylallylation of Activated Olefins: A Novel Route to 1,7-Enyne Derivatives. <i>Journal of Organic Chemistry</i> , 2004, 69, 4053-4062.	1.7	27
77	Palladium-catalyzed highly regio-, stereo- and chemoselective carbogermanylation of allenes: a novel method for the synthesis of 2-aryllallylgermane derivatives Electronic supplementary information (ESI) available: synthesis and characterization of compounds 4 and 6. See http://www.rsc.org/suppdata/cc/b3/b305370a/ . <i>Chemical Communications</i> , 2003, 1746.	2.2	25
78	Ruthenium-catalyzed cyclization of <i>N</i> -carbamoyl indolines with alkynes: an efficient route to pyrroloquinolinones. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9276-9284.	1.5	25
79	Ruthenium-Catalyzed ¹³ C Benzylation of <i>tert</i> -Benzamides with Aromatic Acids by Weak Coordination. <i>Journal of Organic Chemistry</i> , 2017, 82, 12691-12700.	1.7	25
80	Highly Regio- and Chemoselective Palladium-Catalyzed Three-Component Assembly of Arylethylidene Malononitriles, Allylic Chlorides, and Allenylstannanes: A Novel Route to 1,7-Enyne Derivatives. <i>Organic Letters</i> , 2003, 5, 881-884.	2.4	24
81	Ruthenium(II)-Catalyzed Distal Weak <i>O</i> -Coordinating ¹³ C Alkylation of Arylacetamides with Alkenes: Combined Experimental and DFT Studies. <i>Journal of Organic Chemistry</i> , 2019, 84, 3977-3989.	1.7	22
82	Recent Advancements in Allylic C(³) ¹³ C Functionalization of Olefins Catalyzed by Rh(III) or Ir(III) Complexes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 7304-7319.	1.2	22
83	Ruthenium-Catalyzed ¹³ C Amidation and Alkenylation of Cyclic <i>N</i> -Sulfonyl Ketimines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4013-4019.	1.2	21
84	Remote alkylation of <i>N</i> -(quinolin-8-yl)benzamides with alkyl bromides via ruthenium(ii)-catalyzed ¹³ C bond activation. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3419-3427.	1.5	20
85	Ru(II)- or Rh(III)-Catalyzed Difunctionalization of Alkenes by Tandem Cyclization of <i>N</i> -Aryl Acrylamides with Alkenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 14830-14843.	1.7	20
86	Rhodium(III)-Catalyzed Aerobic Oxidative ¹³ C Olefination of Unsaturated Acrylamides with Unactivated Olefins. <i>Organic Letters</i> , 2021, 23, 767-771.	2.4	19
87	Transition-Metal-Catalyzed, Chelation-Assisted ¹³ C Alkenylation and Allylation of Organic Molecules with Unactivated Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2113-2139.	2.1	19
88	Oxidative Cross-Coupling of Substituted Phenols with Unactivated Aromatics. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4305-4312.	1.2	17
89	Rhodium(III)-Catalyzed <i>ortho</i> -Alkenylation of Anilides with Maleimides. <i>ChemistrySelect</i> , 2019, 4, 2976-2981.	0.7	17
90	Platinum-Catalyzed Multi-Step Reaction of Propargyl Alcohols with <i>N</i> -Heteroaromatics. <i>Chemistry - an Asian Journal</i> , 2010, 5, 141-146.	1.7	16

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91	Rhodium(III)-Catalyzed Redox-Neutral Weak π -Coordinating Vinylation and Allylation of Arylacetamides with Allylic Acetates. <i>Organic Letters</i> , 2019, 21, 5655-5659.	2.4	16
92	Cobalt(III)-Catalyzed Redox-Neutral Coupling of Acrylamides with Activated Alkenes via C-H Bond Activation. <i>Synthesis</i> , 2020, 52, 1625-1633.	1.2	16
93	Iridium(III)-Catalyzed Intermolecular Allylic C-H Amidation of Internal Alkenes with Sulfonamides. <i>Journal of Organic Chemistry</i> , 2019, 84, 13053-13064.	1.7	15
94	Rhodium(III)-Catalyzed Diastereoselective Ring-Opening of 7-Azabenzonorbornadienes with Aromatic Ketoximes: Synthesis of Benzophenanthridine Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 15590-15604.	1.7	15
95	Cobalt(III)-Catalyzed Chemo- and Regioselective [4 + 2]-Annulation of Aromatic Sulfoxonium Ylides with 1,3-Diynes. <i>Journal of Organic Chemistry</i> , 2022, 87, 4134-4153.	1.7	15
96	A Ruthenium-Catalyzed Cyclization to Dihydrobenzo[<i>c</i>]phenanthridinone from 7-Azabenzonorbornadienes with Aryl Amides. <i>Organic Letters</i> , 2022, 24, 5260-5265.	2.4	15
97	A Short Total Synthesis of Benzophenanthridine Alkaloids via a Rhodium(III)-Catalyzed C-H Ring-Opening Reaction. <i>Journal of Organic Chemistry</i> , 2021, 86, 14826-14843.	1.7	14
98	Aerobic Oxidative C-H Olefination of Arylamides with Unactivated Olefins via a Rh(III)-Catalyzed C-H Activation. <i>Organic Letters</i> , 2021, 23, 2964-2970.	2.4	13
99	Ligand-Enabled [3+2] Annulation of Aromatic Acids with Maleimides by $C(sp^3)$ -H and $C(sp^2)$ -H Bond Activation. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	13
100	Ruthenium(II)-Catalyzed Redox-Neutral C-H Alkylation of Arylamides with Unactivated Olefins. <i>Organic Letters</i> , 2021, 23, 4849-4854.	2.4	12
101	Effect of Transition Metals on Chemodivergent Cross-Coupling of Acrylamides with Vinyl Acetate via C-H Activation. <i>Organic Letters</i> , 2021, 23, 5679-5683.	2.4	12
102	Ru(II)- or Rh(III)-Catalyzed Annulation of Aromatic/Vinylic Acids with Alkylidenecyclopropanes via C-H Activation. <i>Journal of Organic Chemistry</i> , 2022, 87, 5668-5681.	1.7	12
103	A Regioselective Synthesis of Benzopinacolones through Aerobic Dehydrogenative γ -Arylation of the Tertiary α -C-H Bond of 1,1-Diphenylketones with Aromatic and Heteroaromatic Compounds. <i>Chemistry - A European Journal</i> , 2015, 21, 1337-1342.	1.7	10
104	Recent Advances in Transition-Metal-Catalyzed C-H Functionalization Reactions Involving Aza/Oxabicyclic Alkenes. <i>Synthesis</i> , 2021, 53, 3249-3262.	1.2	10
105	Rh(III)-Catalyzed Selective Olefination of <i>N</i> -Carboxamide Indoles with Unactivated Olefins at Room Temperature via an Internal Oxidation. <i>Organic Letters</i> , 2022, 24, 1121-1126.	2.4	10
106	Cobalt(III)-Catalyzed Regio- and Chemoselective [4 + 2]-Annulation of <i>N</i> -Chlorobenzamides/Acrylamides with 1,3-Dienes at Room Temperature. <i>Journal of Organic Chemistry</i> , 2022, 87, 5713-5729.	1.7	9
107	Rh(III)-Catalyzed allylic C-H amidation of unactivated alkenes with <i>in situ</i> generated iminoiodinanes. <i>Chemical Communications</i> , 2021, 57, 6428-6431.	2.2	8
108	Synthesis of conjugated dienes via palladium-catalysed aerobic dehydrogenation of unsaturated acids and amides. <i>Chemical Communications</i> , 2022, 58, 8814-8817.	2.2	7

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109	Palladium-Catalyzed Aerobic α,β -Dehydrogenation of Aliphatic Amides. <i>Journal of Organic Chemistry</i> , 2022, 87, 4873-4882.	1.7	6
110	Substituted 1-Allyl-2-allenylbenzenes via Palladium-Catalyzed Allylallenylation of Benzyne Derivatives. <i>Synthesis</i> , 2005, 2005, 1693-1697.	1.2	5
111	Ruthenium(II)-catalyzed <i>ortho</i> ; C-O Bond formation of Substituted Aromatics with Oxygen Nucleophiles through C-H Bond Activation. <i>Proceedings of the Indian National Science Academy</i> , 2014, 80, 999.	0.5	5
112	Highly Regio- and Stereoselective Silylstannation of Allenes Catalyzed by Phosphine-Free Palladium Complexes.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
113	Highly Regio- and Chemoselective [2 + 2 + 2] Cycloaddition of Electron-Deficient Diynes with Allenes Catalyzed by Nickel Complexes: A Novel Entry to Polysubstituted Benzene Derivatives.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
114	Highly Regio- and Chemoselective Palladium-Catalyzed Three-Component Assembly of Arylethylidene Malononitriles, Allylic Chlorides, and Allenylstannanes: A Novel Route to 1,7-Enyne Derivatives.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
115	Highly Regio- and Chemoselective Palladium-Catalyzed Propargylallylation of Activated Olefins: A Novel Route to 1,7-Enyne Derivatives.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
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