

# Masahiro Miura

## List of Publications by Citations

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#	Paper	IF	Citations
433	Oxidative coupling of aromatic substrates with alkynes and alkenes under rhodium catalysis. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 11212-22	4.8	1598
432	Catalytic Direct Arylation of Heteroaromatic Compounds. <i>Chemistry Letters</i> , <b>2007</b> , 36, 200-205	1.7	629
431	An efficient waste-free oxidative coupling via regioselective C-H bond cleavage: Rh/Cu-catalyzed reaction of benzoic acids with alkynes and acrylates under air. <i>Organic Letters</i> , <b>2007</b> , 9, 1407-9	6.2	622
430	Palladium-Catalyzed Regioselective Mono- and Diarylation Reactions of 2-Phenylphenols and Naphthols with Aryl Halides. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 1740-1742		512
429	Rhodium- and iridium-catalyzed oxidative coupling of benzoic acids with alkynes via regioselective C-H bond cleavage. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 5362-7	4.2	477
428	Palladium-Catalyzed Arylation of Azole Compounds with Aryl Halides in the Presence of Alkali Metal Carbonates and the Use of Copper Iodide in the Reaction. <i>Bulletin of the Chemical Society of Japan</i> , <b>1998</b> , 71, 467-473	5.1	411
427	Fluorescent naphthyl- and anthrylazoles from the catalytic coupling of phenylazoles with internal alkynes through the cleavage of multiple C-H bonds. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 4019-22	16.4	375
426	A new entry of amination reagents for heteroaromatic C-H bonds: copper-catalyzed direct amination of azoles with chloroamines at room temperature. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 6900-1	16.4	356
425	Transition-Metal-Catalyzed Regioselective Arylation and Vinylation of Carboxylic Acids. <i>Synthesis</i> , <b>2010</b> , 2010, 3395-3409	2.9	350
424	Rhodium-catalyzed oxidative coupling of aromatic imines with internal alkynes via regioselective C-H bond cleavage. <i>Chemical Communications</i> , <b>2009</b> , 5141-3	5.8	340
423	Oxidative Cross-Coupling of N-(2-Phenylphenyl)benzene- sulfonamides or Benzoic and Naphthoic Acids with Alkenes Using a Palladium-Copper Catalyst System under Air. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 5211-5215	4.2	328
422	Regioselective C-H functionalization directed by a removable carboxyl group: palladium-catalyzed vinylation at the unusual position of indole and related heteroaromatic rings. <i>Organic Letters</i> , <b>2008</b> , 10, 1159-62	6.2	308
421	Palladium-catalyzed multiple arylation of thiophenes. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 5286-7	16.4	290
420	Ruthenium-catalyzed oxidative vinylation of heteroarene carboxylic acids with alkenes via regioselective C-H bond cleavage. <i>Organic Letters</i> , <b>2011</b> , 13, 706-8	6.2	259
419	Copper-Catalyzed Reaction of Terminal Alkynes with Nitrones. Selective Synthesis of 1-Aza-1-buten-3-yne and 2-Azetidinone Derivatives. <i>Journal of Organic Chemistry</i> , <b>1995</b> , 60, 4999-5004	4.2	258
418	Copper-catalyzed intermolecular regioselective hydroamination of styrenes with polymethylhydrosiloxane and hydroxylamines. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10830-4	16.4	255
417	Synthesis of aryl- and vinylacetylene derivatives by copper-catalyzed reaction of aryl and vinyl iodides with terminal alkynes. <i>Journal of Organic Chemistry</i> , <b>1993</b> , 58, 4716-4721	4.2	255

4 <sup>16</sup>	Rhodium-catalyzed Oxidative Coupling/Cyclization of Benzamides with Alkynes via C-H Bond Cleavage. <i>Chemistry Letters</i> , <b>2010</b> , 39, 744-746	1.7	251
4 <sup>15</sup>	Rhodium-catalyzed oxidative coupling/cyclization of 2-phenylindoles with alkynes via C-H and N-H bond cleavages with air as the oxidant. <i>Organic Letters</i> , <b>2010</b> , 12, 2068-71	6.2	244
4 <sup>14</sup>	Rational ligand design in constructing efficient catalyst systems for Suzuki-Miyaura coupling. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 2201-3	16.4	237
4 <sup>13</sup>	Direct Arylation via Cleavage of Activated and Unactivated C-H Bonds. <i>Topics in Current Chemistry</i> , <b>2002</b> , 211-241		237
4 <sup>12</sup>	Copper-mediated C-H/C-H biaryl coupling of benzoic acid derivatives and 1,3-azoles. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 4457-61	16.4	234
4 <sup>11</sup>	Nickel-catalyzed direct C-H arylation and alkenylation of heteroarenes with organosilicon reagents. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 2202-5	16.4	232
4 <sup>10</sup>	Copper-mediated intermolecular direct biaryl coupling. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 2160-2	16.4	219
4 <sup>09</sup>	Rhodium-catalyzed regioselective olefination directed by a carboxylic group. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 3024-33	4.2	206
4 <sup>08</sup>	Rhodium-catalyzed mono- and divinylolation of 1-phenylpyrazoles and related compounds via regioselective C-H bond cleavage. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 7094-9	4.2	206
4 <sup>07</sup>	Copper-mediated and copper-catalyzed cross-coupling of indoles and 1,3-azoles: double C-H activation. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 6993-7	16.4	203
4 <sup>06</sup>	Nickel- and cobalt-catalyzed direct alkylation of azoles with N-tosylhydrazones bearing unactivated alkyl groups. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 775-9	16.4	202
4 <sup>05</sup>	Regioselective and stereospecific copper-catalyzed aminoboration of styrenes with bis(pinacolato)diboron and O-benzoyl-N,N-dialkylhydroxylamines. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 4934-7	16.4	198
4 <sup>04</sup>	Catalytic Processes Involving $\beta$ -Carbon Elimination. <i>Topics in Organometallic Chemistry</i> , <b>2005</b> , 1-20	0.6	195
4 <sup>03</sup>	Rhodium-catalyzed arylation using arylboron compounds: efficient coupling with aryl halides and unexpected multiple arylation of benzonitrile. <i>Organic Letters</i> , <b>2005</b> , 7, 2229-31	6.2	193
4 <sup>02</sup>	Copper-catalyzed direct amination of electron-deficient arenes with hydroxylamines. <i>Organic Letters</i> , <b>2011</b> , 13, 2860-3	6.2	190
4 <sup>01</sup>	Rhodium-catalyzed oxidative 1:1, 1:2, and 1:4 coupling reactions of phenylazoles with internal alkynes through the regioselective cleavages of multiple C-H bonds. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 13-24	4.2	189
4 <sup>00</sup>	Nickel- and copper-catalyzed direct alkynylation of azoles and polyfluoroarenes with terminal alkynes under O(2) or atmospheric conditions. <i>Organic Letters</i> , <b>2010</b> , 12, 2358-61	6.2	189
399	Synthesis of functionalized alpha-pyrone and butenolide derivatives by rhodium-catalyzed oxidative coupling of substituted acrylic acids with alkynes and alkenes. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 6295-8	4.2	188

- 398 Synthesis of stilbene and distyrylbenzene derivatives through rhodium-catalyzed ortho-olefination and decarboxylation of benzoic acids. *Organic Letters*, **2010**, 12, 5776-9 6.2 186
- 397 Nickel-catalyzed direct arylation of azoles with aryl bromides. *Organic Letters*, **2009**, 11, 1737-40 6.2 184
- 396 Nickel-catalyzed direct alkynylation of azoles with alkynyl bromides. *Organic Letters*, **2009**, 11, 4156-9 6.2 183
- 395 Palladium-catalyzed perarylation of 3-thiophene- and 3-furancarboxylic acids accompanied by C-H bond cleavage and decarboxylation. *Organic Letters*, **2008**, 10, 1851-4 6.2 181
- 394 Palladium-catalyzed arylative carbon-carbon bond cleavage of alpha,alpha-disubstituted arylmethanols. *Journal of the American Chemical Society*, **2001**, 123, 10407-8 16.4 181
- 393 Copper-mediated oxidative direct C-C (hetero)aromatic cross-coupling. *Chemical Communications*, **2012**, 48, 10704-14 5.8 178
- 392 An approach to benzophosphole oxides through silver- or manganese-mediated dehydrogenative annulation involving C-C and C-P bond formation. *Angewandte Chemie - International Edition*, **2013**, 52, 12975-9 16.4 168
- 391 Fused ring construction around pyrrole, indole, and related compounds via palladium-catalyzed oxidative coupling with alkynes. *Journal of Organic Chemistry*, **2009**, 74, 7481-8 4.2 168
- 390 Merry-Go-Round Multiple Alkylation on Aromatic Rings via Rhodium Catalysis. *Journal of the American Chemical Society*, **2000**, 122, 10464-10465 16.4 166
- 389 Synthesis of carbazoles by copper-catalyzed intramolecular C-H/N-H coupling. *Organic Letters*, **2014**, 16, 2892-5 6.2 165
- 388 Waste-free synthesis of condensed heterocyclic compounds by rhodium-catalyzed oxidative coupling of substituted arene or heteroarene carboxylic acids with alkynes. *Journal of Organic Chemistry*, **2009**, 74, 3478-83 4.2 164
- 387 Copper-catalyzed direct sulfoximation of azoles and polyfluoroarenes under ambient conditions. *Organic Letters*, **2011**, 13, 359-61 6.2 160
- 386 Synthesis of condensed heteroaromatic compounds by palladium-catalyzed oxidative coupling of heteroarene carboxylic acids with alkynes. *Organic Letters*, **2009**, 11, 2337-40 6.2 158
- 385 Ligand-controlled regiodivergent Cu-catalyzed aminoboration of unactivated terminal alkenes. *Journal of the American Chemical Society*, **2015**, 137, 6460-3 16.4 157
- 384 Palladium-catalyzed arylation of alpha,alpha-disubstituted arylmethanols via cleavage of a C-C or a C-H bond to give biaryls. *Journal of Organic Chemistry*, **2003**, 68, 5236-43 4.2 155
- 383 Palladium-catalyzed direct arylation of thiazoles with aryl bromides. *Tetrahedron*, **2003**, 59, 5685-5689 2.4 149
- 382 Regioselective arylation of benzanilides with aryl triflates or bromides under palladium catalysis. *Tetrahedron Letters*, **2000**, 41, 2655-2658 2 149
- 381 Synthesis of naphtho[1,8-bc]pyran derivatives and related compounds through hydroxy group directed C-H bond cleavage under rhodium catalysis. *Chemistry - an Asian Journal*, **2010**, 5, 847-51 4.5 147

380	Regioselective Arylation Reactions of Biphenyl-2-ols, Naphthols, and Benzylic Compounds with Aryl Halides under Palladium Catalysis. <i>Bulletin of the Chemical Society of Japan</i> , <b>1998</b> , 71, 2239-2246	5.1	145
379	Stereospecific copper-catalyzed C-H allylation of electron-deficient arenes with allyl phosphates. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 2990-4	16.4	140
378	Fluorescent diarylindoles by palladium-catalyzed direct and decarboxylative arylations of carboxyindoles. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3674-7	4.8	140
377	Recent Advances in Copper-mediated Direct Biaryl Coupling. <i>Chemistry Letters</i> , <b>2015</b> , 44, 868-873	1.7	137
376	Palladiumkatalysierte regioselektive Monound Diarylierung von 2-Phenylphenolen und Naphtholen mit Arylhalogeniden. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 1820-1822	3.6	137
375	Direct synthesis of N-H carbazoles via iridium(III)-catalyzed intramolecular C-H amination. <i>Organic Letters</i> , <b>2015</b> , 17, 1597-600	6.2	136
374	Synthesis of fluorene derivatives through rhodium-catalyzed dehydrogenative cyclization. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 5359-62	16.4	136
373	Copper-mediated direct arylation of benzoazoles with aryl iodides. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 1598-1600		136
372	Fluorescent Naphthyl- and Anthrylazoles from the Catalytic Coupling of Phenylazoles with Internal Alkynes through the Cleavage of Multiple C-H Bonds. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 4083-4086	3.6	136
371	Asymmetric Synthesis of $\beta$ -Aminoboronic Acid Derivatives by Copper-Catalyzed Enantioselective Hydroamination. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 15620-3	16.4	133
370	Rhodium-Catalyzed Reaction of Aryl Chlorides with Alkynes. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 6941-6946	4.2	129
369	Rhodium(III)-catalyzed oxidative coupling through C-H bond cleavage directed by phosphinoxy groups. <i>Organic Letters</i> , <b>2013</b> , 15, 3258-61	6.2	127
368	Rhodium-catalyzed oxidative coupling of triarylmethanols with internal alkynes via successive C-H and C-C bond cleavages. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 298-300	4.2	126
367	Ruthenium(II)-catalyzed regio- and stereoselective hydroarylation of alkynes via directed C-H functionalization. <i>Organic Letters</i> , <b>2012</b> , 14, 2058-61	6.2	123
366	Palladium-catalyzed direct benzylation of azoles with benzyl carbonates. <i>Organic Letters</i> , <b>2010</b> , 12, 1360-2		120
365	Copper-mediated direct arylation of 1,3,4-oxadiazoles and 1,2,4-triazoles with aryl iodides. <i>Organic Letters</i> , <b>2009</b> , 11, 3072-5	6.2	117
364	Copper-catalyzed amination of arylboronates with N,N-dialkylhydroxylamines. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 3642-5	16.4	115
363	Rhodium-Catalyzed Coupling Reaction of Salicyl Aldehydes with Alkynes via Cleavage of the Aldehyde C-H Bond. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 4564-4565	4.2	114

- 362 Development of Direct Aromatic Coupling Reactions by Transition-Metal Catalysis. *Bulletin of the Chemical Society of Japan*, **2014**, 87, 751-764 5.1 113
- 361 Palladium-catalyzed multiple arylation of phenyl ketones with aryl bromides. *Tetrahedron Letters*, **1999**, 40, 5345-5348 2 112
- 360 Copper-catalyzed reaction of aryl iodides with active methylene compounds. *Journal of Organic Chemistry*, **1993**, 58, 7606-7607 4.2 112
- 359 Copper-Mediated Oxidative Coupling of Benzamides with Maleimides via Directed C-H Cleavage. *Organic Letters*, **2015**, 17, 4034-7 6.2 109
- 358 Synthesis of alpha,omega-diarylbutadienes and -hexatrienes via decarboxylative coupling of cinnamic acids with vinyl bromides under palladium catalysis. *Organic Letters*, **2010**, 12, 592-5 6.2 106
- 357 Nickel-catalyzed C-H alkenylation and alkylation of 1,3,4-oxadiazoles with alkynes and styrenes. *Journal of Organic Chemistry*, **2009**, 74, 6410-3 4.2 105
- 356 Rhodium-catalyzed addition of arylboron compounds to nitriles, ketones, and imines. *Journal of Organometallic Chemistry*, **2006**, 691, 2821-2826 2.3 103
- 355 Copper-mediated C6-selective dehydrogenative heteroarylation of 2-pyridones with 1,3-azoles. *Angewandte Chemie - International Edition*, **2014**, 53, 10784-8 16.4 102
- 354 Copper-mediated dehydrogenative biaryl coupling of naphthylamines and 1,3-azoles. *Journal of Organic Chemistry*, **2013**, 78, 11045-52 4.2 102
- 353 Rhodium-catalyzed oxidative coupling between salicylaldehydes and internal alkynes with C-H bond cleavage to produce 2,3-disubstituted chromones. *Chemistry - an Asian Journal*, **2008**, 3, 881-6 4.5 102
- 352 Multiple arylation of alkyl aryl ketones and  $\alpha$ -unsaturated carbonyl compounds via palladium catalysis. *Tetrahedron*, **2001**, 57, 5967-5974 2.4 102
- 351 Rhodium(III)-catalyzed ortho-alkenylation through C-H bond cleavage directed by sulfoxide groups. *Organic Letters*, **2014**, 16, 1188-91 6.2 100
- 350 Synthesis of highly substituted acenes through rhodium-catalyzed oxidative coupling of arylboron reagents with alkynes. *Journal of Organic Chemistry*, **2011**, 76, 2867-74 4.2 100
- 349 Reaction of 2-Hydroxybenzaldehydes with Alkynes, Alkenes, or Allenes via Cleavage of the Aldehyde C-H Bond Using a Rhodium Catalyst System. *Bulletin of the Chemical Society of Japan*, **1999**, 72, 303-311 5.1 98
- 348 Palladium-Catalyzed Etherification of Allyl Alcohols Using Phenols in the Presence of Titanium(IV) Isopropoxide. *Journal of Organic Chemistry*, **1997**, 62, 4877-4879 4.2 97
- 347 Copper-catalyzed oxidative direct cyclization of N-methylanilines with electron-deficient alkenes using molecular oxygen. *Journal of Organic Chemistry*, **2011**, 76, 6447-51 4.2 96
- 346 Copper-mediated direct cross-coupling of 1,3,4-oxadiazoles and oxazoles with terminal alkynes. *Chemistry - A European Journal*, **2010**, 16, 1772-5 4.8 96
- 345 Palladium-Catalyzed Coupling Reaction of Salicylaldehydes with Aryl Iodides via Cleavage of the Aldehyde C-H Bond. *Chemistry Letters*, **1996**, 25, 823-824 1.7 96

344	Copper-catalyzed enantioselective formal hydroamination of oxa- and azabicyclic alkenes with hydrosilanes and hydroxylamines. <i>Organic Letters</i> , <b>2014</b> , 16, 1498-501	6.2	95
343	Palladium- and nickel-catalyzed direct alkylation of azoles with unactivated alkyl bromides and chlorides. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 12307-11	4.8	94
342	Nickel-catalyzed direct alkylation of heterocycles with $\alpha$ -bromo carbonyl compounds: C3-selective functionalization of 2-pyridones. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 7691-5	4.8	93
341	Iridium-catalyzed reaction of aryl chlorides with internal alkynes to produce substituted naphthalenes and anthracenes. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 12680-1	16.4	92
340	Rhodium- and iridium-catalyzed dehydrogenative cyclization through double C-H bond cleavages to produce fluorene derivatives. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 1365-70	4.2	91
339	Regio- and stereoselective homocoupling of gamma-arylated tert-propargyl alcohols with liberation of a ketone molecule and successive cyclization to produce fluorescent dihydrofuran derivatives. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 15354-5	16.4	91
338	Room temperature direct alkynylation of 1,3,4-oxadiazoles with alkynyl bromides under copper catalysis. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 1764-6	4.2	90
337	Palladium-catalyzed direct oxidative alkenylation of azoles. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 5421-4	4.2	87
336	Copper-catalyzed amination of ketene silyl acetals with hydroxylamines: electrophilic amination approach to amino acids. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 11827-31	16.4	86
335	Synthesis of 5,5'-diarylated 2,2'-bithiophenes via palladium-catalyzed arylation reactions. <i>Tetrahedron</i> , <b>2004</b> , 60, 6757-6763	2.4	86
334	Palladium-catalyzed arylation of aldehydes with aryl bromides. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 101-104	2	85
333	Synthesis of isochromene and related derivatives by rhodium-catalyzed oxidative coupling of benzyl and allyl alcohols with alkynes. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 9548-51	4.2	84
332	Copper-catalyzed annulative amination of ortho-alkynylphenols with hydroxylamines: synthesis of 3-aminobenzofurans by umpolung amination strategy. <i>Organic Letters</i> , <b>2011</b> , 13, 2395-7	6.2	83
331	A lesson for site-selective C-H functionalization on 2-pyridones: radical, organometallic, directing group and steric controls. <i>Chemical Science</i> , <b>2018</b> , 9, 22-32	9.4	83
330	Palladium-Catalyzed Oxidative Cross-Coupling of 2-Phenylphenols with Alkenes. <i>Chemistry Letters</i> , <b>1997</b> , 26, 1103-1104	1.7	82
329	Copper-Catalyzed Intermolecular Regioselective Hydroamination of Styrenes with Polymethylhydrosiloxane and Hydroxylamines. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 11030-11034	3.6	81
328	Synthesis of tetrasubstituted naphthalenes by palladium-catalyzed reaction of aryl iodides with internal alkynes. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 6836-8	4.2	81
327	Palladium-catalysed desulphonylative vinylation of arenesulphonyl chlorides under solid-liquid phase-transfer conditions. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1990</b> , 2207-2211		81

- 326 Rhodium(III)-Catalyzed Direct Coupling of Arylphosphine Derivatives with Heterobicyclic Alkenes: A Concise Route to Biarylphosphines and Dibenzophosphole Derivatives. *ACS Catalysis*, **2015**, 5, 6634-6639<sup>13.1</sup> 80
- 325 Synthesis of highly substituted naphthalene and anthracene derivatives by rhodium-catalyzed oxidative coupling of arylboronic acids with alkynes. *Organic Letters*, **2009**, 11, 5198-201 6.2 80
- 324 An annulative electrophilic amination approach to 3-aminobenzoheteroles. *Journal of Organic Chemistry*, **2012**, 77, 617-25 4.2 79
- 323 Copper-Mediated C<sup>2</sup>H/C<sup>2</sup>H Biaryl Coupling of Benzoic Acid Derivatives and 1,3-Azoles. *Angewandte Chemie*, **2013**, 125, 4553-4557 3.6 79
- 322 Ruthenium-catalyzed regioselective C-H alkenylation directed by a free amino group. *Organic Letters*, **2013**, 15, 3990-3 6.2 77
- 321 Highly stereoselective synthesis of (borylmethyl)cyclopropylamines by copper-catalyzed aminoboration of methylenecyclopropanes. *Organic Letters*, **2014**, 16, 1228-31 6.2 75
- 320 Ruthenium-catalyzed Oxidative Alkenylation of Arenes via Regioselective C<sup>2</sup>H Bond Cleavage Directed by a Nitrogen-containing Group. *Chemistry Letters*, **2011**, 40, 1165-1166 1.7 75
- 319 Synthesis of highly substituted 1,3-butadienes by palladium-catalyzed arylation of internal alkynes. *Angewandte Chemie - International Edition*, **2004**, 43, 5063-5 16.4 75
- 318 Regioselective arylation on the  $\beta$ -position of  $\alpha,\beta$ -unsaturated carbonyl compounds with aryl bromides by palladium catalysis. *Tetrahedron Letters*, **1998**, 39, 6203-6206 2 74
- 317 Rhodium-catalyzed Mizoroki-Heck-type arylation of alkenes with aryl chlorides under phosphane- and base-free conditions. *Angewandte Chemie - International Edition*, **2003**, 42, 4672-4 16.4 74
- 316 Oxidative Nickel<sup>II</sup>-Catalysis in C<sup>2</sup>H Arylation: Direct Cross-Coupling of Azoles with Arylboronic Acids using Air as Sole Oxidant. *ChemCatChem*, **2010**, 2, 1403-1406 5.2 72
- 315 Copper-Mediated Decarboxylative Coupling of Benzamides with ortho-Nitrobenzoic Acids by Directed C-H Cleavage. *Angewandte Chemie - International Edition*, **2017**, 56, 5353-5357 16.4 71
- 314 Ruthenium-catalyzed ortho-alkenylation of phenylphosphine oxides through regio- and stereoselective alkyne insertion into C-H bonds. *Journal of Organic Chemistry*, **2013**, 78, 8098-104 4.2 71
- 313 Regioselective C-H bond cleavage/alkyne insertion under ruthenium catalysis. *Journal of Organic Chemistry*, **2013**, 78, 638-46 4.2 71
- 312 Copper-catalyzed electrophilic amination of arylsilanes with hydroxylamines. *Organic Letters*, **2013**, 15, 172-5 6.2 71
- 311 Palladium-catalyzed dehydroarylation of triarylmethanols and their coupling with unsaturated compounds accompanied by C-C bond cleavage. *Journal of Organic Chemistry*, **2004**, 69, 6942-4 4.2 71
- 310 Iridium-Catalyzed Regioselective Reaction of 1-Naphthols with Alkynes at the peri-Position. *Chemistry Letters*, **1999**, 28, 615-616 1.7 71
- 309 Ru/Ag-Catalyzed Oxidative Alkenylation of Benzamides and Phenylazoles through Regioselective C<sup>2</sup>H Bond Cleavage. *Chemistry Letters*, **2012**, 41, 151-153 1.7 70

308	Arylation Reactions via C-H Bond Cleavage. <i>Topics in Organometallic Chemistry</i> , <b>2005</b> , 55-83	0.6	70
307	Rhodium- and iridium-catalyzed oxidative coupling of benzoic acids with alkynes and alkenes. <i>Pure and Applied Chemistry</i> , <b>2008</b> , 80, 1127-1134	2.1	69
306	Oxidation of 3- or 4-substituted N,N-dimethylanilines with molecular oxygen in the presence of either ferric chloride or [Fe(salen)]OAc. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 4700-4702	4.2	69
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