

Tetsuya Satoh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

257 papers	23,919 citations	86 h-index	146 g-index
436 ext. papers	25,417 ext. citations	5.1 avg, IF	7.25 L-index

#	Paper	IF	Citations
257	Synthesis of Substituted Indene Derivatives via Silver-catalyzed Annulative 1:1 Coupling of Secondary Benzyl Alcohols with Alkynes. <i>Chemistry Letters</i> , 2021 , 50, 456-458	1.7	0
256	Synthesis of Indenones through Rhodium(III)-catalyzed [3+2] Annulation Utilizing a Recyclable Carbazolyl Leaving Group. <i>Chemistry Letters</i> , 2021 , 50, 585-588	1.7	4
255	A Theoretical Study of Product Selectivity in Rhodium Catalyzed Oxidative Coupling Reaction Caused by the Solvation Effect. <i>Heterocycles</i> , 2021 , 103, 952	0.8	
254	Synthesis of 7-Phenylindole Derivatives through Rhodium-Catalyzed Dehydrogenative Coupling of 2-(Acetylamino)-1,1-biphenyls with Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 868-871	3	0
253	Synthesis of Benzo-Fused Cyclic Compounds via Rhodium-Catalyzed Decarboxylative Coupling of Aromatic Carboxylic Acids with Alkynes. <i>Synthesis</i> , 2021 , 53, 3029-3036	2.9	5
252	Cerium(IV) Carboxylate Photocatalyst for Catalytic Radical Formation from Carboxylic Acids: Decarboxylative Oxygenation of Aliphatic Carboxylic Acids and Lactonization of Aromatic Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5668-5675	16.4	42
251	Rhodium(III)-Catalyzed Redox-Neutral Coupling of α -Trifluoromethylacrylic Acid with Benzamides through Directed C-H Bond Cleavage. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 802-806	4.5	6
250	Synthesis of CF ₃ -Containing Isoindolinone Derivatives through Rhodium-catalyzed Oxidative Coupling of Benzamides with 2-Trifluoromethylacrylate. <i>Chemistry Letters</i> , 2020 , 49, 1481-1483	1.7	1
249	Total Syntheses and Configuration Assignments of JBIR-06 and Related Depsipeptides. <i>Organic Letters</i> , 2019 , 21, 965-968	6.2	2
248	Theoretical Investigation of Regioselectivity in the Rh-Catalyzed Coupling Reaction of 3-Phenylthiophene with Styrene. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 2998-3004	3.2	2
247	Iridium(III)-Catalyzed Dehydrogenative Coupling of Salicylic Acids with Alkynes: Synthesis of Highly Substituted 1-Naphthol Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 5253-5257	5.6	7
246	Rhodium(III)-catalyzed α -Arylation and -Alkenylation of α -Trifluoromethylacrylic Acid. <i>Chemistry Letters</i> , 2019 , 48, 461-464	1.7	6
245	Rhodium(III)-Catalyzed Annulative Carbon-Hydrogen Bond Functionalization 2019 , 487-519		3
244	Iridium-Catalyzed Aerobic Coupling of Salicylaldehydes with Alkynes: A Remarkable Switch of Oxacyclic Product. <i>Chemistry - A European Journal</i> , 2018 , 24, 7852-7855	4.8	8
243	Synthesis of Enol Esters through Silver-catalyzed or -mediated Hydroacyloxylation of Internal Alkynes. <i>Chemistry Letters</i> , 2018 , 47, 141-143	1.7	7
242	Rhodium(III)-Catalyzed Oxidative Coupling of N-Phenylindole-3-carboxylic Acids with Alkenes and Alkynes via C4-H and C2-H/C2'-H Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2018 , 83, 5639-5649	4.2	30
241	Rhodium(III)-Catalyzed Direct Alkenylation of Benzothiophenes and Related Heterocycles with Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1330-1333	3	4

240	Rhodium-Catalyzed peri-Selective Direct Alkenylation of 1-(Methylthio)naphthalene. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1334-1337	3	17
239	Evaluation of Inhibitory Activities of UK-2A, an Antimycin-Type Antibiotic, and Its Synthetic Analogues against the Production of Anti-inflammatory Cytokine IL-4. <i>Journal of Natural Products</i> , 2018 , 81, 2590-2594	4.9	3
238	Theoretical Investigation of Regioselectivity in the Rh-Catalyzed Coupling Reaction of 3-Phenylthiophene with Styrene. <i>Journal of Computer Chemistry Japan</i> , 2018 , 17, 217-218	0.2	
237	Construction of Bisbenzofuro[2,3-b:3',2'-e]pyridines by Palladium-Catalyzed Double Intramolecular Oxidative C-H/C-H Coupling. <i>Organic Letters</i> , 2017 , 19, 1236-1239	6.2	17
236	Rhodium(III)-Catalyzed Ortho-Alkenylation of Anilines Directed by a Removable Boc-Protecting Group. <i>Organic Letters</i> , 2017 , 19, 1800-1803	6.2	24
235	Total syntheses and configuration assignments of JBIR-04 and unantimycin A. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 7346-7351	3.9	2
234	Ruthenium-Catalyzed Cross-Coupling of Maleimides with Alkenes. <i>Organic Letters</i> , 2016 , 18, 4598-601	6.2	24
233	Rhodium(III)-catalyzed Mono- and Dialkenylation of N-Phenyl-7-azaindoles via Regioselective C \equiv H Bond Cleavage. <i>Chemistry Letters</i> , 2016 , 45, 682-684	1.7	6
232	Synthesis of Benzobis- and Benzotrisbenzofurans by Palladium-Catalyzed Multiple Intramolecular C \equiv H/C \equiv H Coupling. <i>Chemistry Letters</i> , 2016 , 45, 1069-1071	1.7	23
231	Oxidative Annulation of Arenecarboxylic and Acrylic Acids with Alkynes under Ambient Conditions Catalyzed by an Electron-Deficient Rhodium(III) Complex. <i>Chemistry - A European Journal</i> , 2016 , 22, 14190-4	4.8	64
230	Synthesis of Difluorinated Enynes through Sonogashira-Type Coupling. <i>Organic Letters</i> , 2016 , 18, 5688-5691	6.2	17
229	Synthesis of Benzo[c]thiophenes by Rhodium(III)-Catalyzed Dehydrogenative Annulation. <i>Journal of Organic Chemistry</i> , 2016 , 81, 2474-81	4.2	33
228	Ruthenium-Catalyzed Regioselective C-H Bond Acetoxylation on Carbazole and Indole Frameworks. <i>Organic Letters</i> , 2016 , 18, 1150-3	6.2	65
227	Rhodium-Catalyzed Oxidative Annulation of (2-Arylphenyl)boronic Acids with Alkynes: Selective Synthesis of Phenanthrene Derivatives. <i>Synlett</i> , 2016 , 27, 1707-1710	2.2	19
226	Regioselective Synthesis of Benzo[b]phosphole Derivatives via Direct ortho-Alkenylation and Cyclization of Arylthiophosphinamides. <i>Organic Letters</i> , 2016 , 18, 5436-5439	6.2	32
225	Rhodium(III)-catalyzed oxidative alkenylation of 1,3-dithiane-protected arenecarbaldehydes via regioselective C-H bond cleavage. <i>Organic Letters</i> , 2015 , 17, 704-7	6.2	49
224	Synthesis of indolines by copper-mediated intramolecular aromatic C-H amination. <i>Journal of Organic Chemistry</i> , 2015 , 80, 3242-9	4.2	63
223	Direct synthesis of N-H carbazoles via iridium(III)-catalyzed intramolecular C-H amination. <i>Organic Letters</i> , 2015 , 17, 1597-600	6.2	136

222	Rhodium-catalyzed direct ortho-alkenylation of phenyl sulfones with alkynes utilizing sulfonyl function as modifiable directing group. <i>Tetrahedron</i> , 2015 , 71, 6506-6512	2.4	18
221	Evaluation of the intrinsic charge carrier transporting properties of linear- and bent-shaped Extended benzo-fused thieno[3,2-b]thiophenes. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 9624-8	3.6	15
220	Rhodium(III)-Catalyzed Direct Coupling of Arylphosphine Derivatives with Heterobicyclic Alkenes: A Concise Route to Biarylphosphines and Dibenzophosphole Derivatives. <i>ACS Catalysis</i> , 2015 , 5, 6634-6639	13.1	80
219	Palladium(II)-Catalyzed Direct C-H Alkenylation of Thienothiophene and Related Fused Heteroarenes. <i>Organic Letters</i> , 2015 , 17, 4384-7	6.2	24
218	Copper-catalyzed stereoselective aminoboration of bicyclic alkenes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 613-7	16.4	51
217	Reactions Involving Elimination of CO ₂ and Ketones 2015 , 119-164		2
216	Rhodium(III)-catalyzed Intramolecular Ar ^H /Ar ^H Coupling Directed by Carboxylic Group to Produce Dibenzofuran Carboxylic Acids. <i>Chemistry Letters</i> , 2015 , 44, 1598-1600	1.7	12
215	Synthesis of Thieno[3,2-b]benzofurans by Palladium-catalyzed Intramolecular C ^H /C ^H Coupling. <i>Chemistry Letters</i> , 2015 , 44, 1125-1127	1.7	33
214	Rhodium-catalyzed Direct Coupling of Benzothioamides with Alkenes and Alkynes through Directed C ^H Bond Cleavage. <i>Chemistry Letters</i> , 2015 , 44, 1104-1106	1.7	49
213	Copper-Catalyzed Stereoselective Aminoboration of Bicyclic Alkenes. <i>Angewandte Chemie</i> , 2015 , 127, 623-627	3.6	50
212	Synthesis of Indolo[1,2-a][1,8]naphthyridines by Rhodium(III)-Catalyzed Dehydrogenative Coupling via Rollover Cyclometalation. <i>Organic Letters</i> , 2015 , 17, 3130-3	6.2	67
211	Rhodium-catalyzed dehydrogenative coupling of phenylheteroarenes with alkynes or alkenes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 2804-14	4.2	41
210	Copper-mediated formally dehydrative biaryl coupling of azine N-oxides and oxazoles. <i>Journal of Organic Chemistry</i> , 2015 , 80, 2384-91	4.2	46
209	Ruthenium- and Rhodium-Catalyzed Dehydrogenative ortho-Alkenylation of Benzylamines via Free Amino Group Directed C ^H Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1521-1526	5.6	64
208	Palladium-Catalyzed Direct Arylation and Alkenylation of 3-(Indol-3-yl)propionic Acids through C ^H Bond Cleavage. <i>Heterocycles</i> , 2014 , 88, 275	0.8	5
207	Synthesis of carbazoles by copper-catalyzed intramolecular C-H/N-H coupling. <i>Organic Letters</i> , 2014 , 16, 2892-5	6.2	165
206	2,6-Diphenyl- and -distyryl-capped 3,7-dialkoxybenzo[1,2-b:4,5-b']dithiophenes and their dithieno-annulated higher homologs: structural phase transition with enhanced charge carrier mobility. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 18805-12	3.6	3
205	Rhodium(III)-catalyzed regioselective C-H alkenylation of phenylphosphine sulfides. <i>Journal of Organic Chemistry</i> , 2014 , 79, 7649-55	4.2	56

204	Rhodium-catalyzed annulative coupling of 3-phenylthiophenes with alkynes involving double C-H bond cleavages. <i>Chemistry - A European Journal</i> , 2014 , 20, 385-9	4.8	64
203	Unexpected cyclization of tritylamines promoted by copper salt through C-H and C-N bond cleavages to produce acridine derivatives. <i>Chemistry - A European Journal</i> , 2014 , 20, 12720-4	4.8	18
202	The Oxidative Annulation of Tertiary Benzyl Alcohols with Internal Alkynes using an (Electron-Deficient β -Cyclopenta- dienyl)Rhodium(III) Catalyst under Ambient Conditions. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1638-1644	5.6	59
201	Rhodium(III)-catalyzed ortho-alkenylation through C-H bond cleavage directed by sulfoxide groups. <i>Organic Letters</i> , 2014 , 16, 1188-91	6.2	100
200	Highly stereoselective synthesis of (borylmethyl)cyclopropylamines by copper-catalyzed aminoboration of methylenecyclopropanes. <i>Organic Letters</i> , 2014 , 16, 1228-31	6.2	75
199	Iridium-catalyzed annulative coupling of 2-arylbenzoyl chlorides with alkynes: selective formation of phenanthrene derivatives. <i>Journal of Organic Chemistry</i> , 2014 , 79, 8960-7	4.2	39
198	Copper-mediated C6-selective dehydrogenative heteroarylation of 2-pyridones with 1,3-azoles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10784-8	16.4	102
197	Copper-catalyzed enantioselective formal hydroamination of oxa- and azabicyclic alkenes with hydrosilanes and hydroxylamines. <i>Organic Letters</i> , 2014 , 16, 1498-501	6.2	95
196	Synthesis of triarylmethanes by palladium-catalyzed C-H/C-O coupling of oxazoles and diarylmethanol derivatives. <i>Journal of Organic Chemistry</i> , 2014 , 79, 5401-11	4.2	57
195	Synthesis of [1]benzothieno[3,2-b][1]benzothiophene (BTBT) and its higher homologs through palladium-catalyzed intramolecular decarboxylative arylation. <i>Tetrahedron Letters</i> , 2014 , 55, 4175-4177 ²		6
194	Copper-catalyzed β -methylenation of benzylpyridines using dimethylacetamide as one-carbon source. <i>Organic Letters</i> , 2014 , 16, 2050-3	6.2	63
193	Manganese-mediated C3-selective direct alkylation and arylation of 2-pyridones with diethyl malonates and arylboronic acids. <i>Journal of Organic Chemistry</i> , 2014 , 79, 1377-85	4.2	59
192	Copper-Mediated Regioselective Homocoupling of Thiophenes and Indoles via Directed C-H Cleavage. <i>Heterocycles</i> , 2014 , 88, 595	0.8	33
191	Development of Direct Aromatic Coupling Reactions by Transition-Metal Catalysis. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 751-764	5.1	113
190	Rhodium-catalyzed Intramolecular Dehydrogenative Aryl-Aryl Coupling Using Air as Terminal Oxidant. <i>Chemistry Letters</i> , 2014 , 43, 1782-1784	1.7	16
189	Copper-Mediated C6-Selective Dehydrogenative Heteroarylation of 2-Pyridones with 1,3-Azoles. <i>Angewandte Chemie</i> , 2014 , 126, 10960-10964	3.6	25
188	Ruthenium-catalyzed ortho-alkenylation of phenylphosphine oxides through regio- and stereoselective alkyne insertion into C-H bonds. <i>Journal of Organic Chemistry</i> , 2013 , 78, 8098-104	4.2	71
187	Ruthenium-catalyzed regioselective C-H alkenylation directed by a free amino group. <i>Organic Letters</i> , 2013 , 15, 3990-3	6.2	77

186	Coupling Reactions of the sp ² C-H Bond with Alkynes 2013 , 683-718		3
185	Copper-catalyzed intermolecular regioselective hydroamination of styrenes with polymethylhydrosiloxane and hydroxylamines. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10830-4	16.4	255
184	C-H Bond Alkenylation 2013 , 1389-1426		
183	An approach to benzophosphole oxides through silver- or manganese-mediated dehydrogenative annulation involving C-C and C-P bond formation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12975-9	16.4	168
182	Copper-mediated dehydrogenative biaryl coupling of naphthylamines and 1,3-azoles. <i>Journal of Organic Chemistry</i> , 2013 , 78, 11045-52	4.2	102
181	Synthesis and properties of a benzo[1,2-b:4,5-b']dithiophene core system that bears alkyl, alkylthio and alkoxy groups at 3,7-positions. <i>RSC Advances</i> , 2013 , 3, 12356	3.7	13
180	Regioselective C-H bond cleavage/alkyne insertion under ruthenium catalysis. <i>Journal of Organic Chemistry</i> , 2013 , 78, 638-46	4.2	71
179	Copper-catalyzed electrophilic amination of arylsilanes with hydroxylamines. <i>Organic Letters</i> , 2013 , 15, 172-5	6.2	71
178	Rhodium- and iridium-catalyzed dehydrogenative cyclization through double C-H bond cleavages to produce fluorene derivatives. <i>Journal of Organic Chemistry</i> , 2013 , 78, 1365-70	4.2	91
177	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> , 2013 , 135, 4934-7	16.4	198
176	Copper-mediated C-H/C-H biaryl coupling of benzoic acid derivatives and 1,3-azoles. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4457-61	16.4	234
175	Synthesis of N-vinylcarbazoles via dehydrogenative coupling of N-H carbazoles with alkenes under palladium catalysis. <i>Organic Letters</i> , 2013 , 15, 1242-5	6.2	22
174	Synthesis of highly substituted isocoumarins by rhodium-catalyzed annulation of readily available benzoic acids. <i>Tetrahedron</i> , 2013 , 69, 4454-4458	2.4	39
173	Palladium-catalyzed decarboxylative arylation of benzoylacrylic acids toward the synthesis of chalcones. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5096-102	4.2	28
172	Copper-Mediated C-H/C-H Biaryl Coupling of Benzoic Acid Derivatives and 1,3-Azoles. <i>Angewandte Chemie</i> , 2013 , 125, 4553-4557	3.6	79
171	Rhodium(III)-catalyzed oxidative coupling through C-H bond cleavage directed by phosphinoxy groups. <i>Organic Letters</i> , 2013 , 15, 3258-61	6.2	127
170	Nickel-catalyzed direct alkylation of heterocycles with α -bromo carbonyl compounds: C3-selective functionalization of 2-pyridones. <i>Chemistry - A European Journal</i> , 2013 , 19, 7691-5	4.8	93
169	Rhodium-catalyzed C3-selective alkenylation of substituted thiophene-2-carboxylic acids and related compounds. <i>Journal of Organic Chemistry</i> , 2013 , 78, 7216-22	4.2	49

168	Rhodium-catalyzed decarboxylative and dehydrogenative coupling of maleic acids with alkynes and alkenes. <i>Journal of Organic Chemistry</i> , 2013 , 78, 11427-32	4.2	42
167	Formal anti-Markovnikov Hydroamination of Terminal Aryl Alkynes with Pinacolborane and Hydroxylamines via Zr/Cu Sequential Catalysis. <i>Chemistry Letters</i> , 2013 , 42, 1128-1130	1.7	21
166	An Approach to Benzophosphole Oxides through Silver- or Manganese-Mediated Dehydrogenative Annulation Involving C-C and C-P Bond Formation. <i>Angewandte Chemie</i> , 2013 , 125, 13213-13217	3.6	45
165	Copper-Catalyzed Intermolecular Regioselective Hydroamination of Styrenes with Polymethylhydrosiloxane and Hydroxylamines. <i>Angewandte Chemie</i> , 2013 , 125, 11030-11034	3.6	81
164	Nickel- and cobalt-catalyzed direct alkylation of azoles with N-tosylhydrazones bearing unactivated alkyl groups. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 775-9	16.4	202
163	Ru/Ag-Catalyzed Oxidative Alkenylation of Benzamides and Phenylazoles through Regioselective C-H Bond Cleavage. <i>Chemistry Letters</i> , 2012 , 41, 151-153	1.7	70
162	SYNTHESIS OF PHENANTHRIDINES AND RELATED COMPOUNDS BY PALLADIUM-CATALYZED DIRECT COUPLING VIA C-H AND N-H BOND CLEAVAGES. <i>Heterocycles</i> , 2012 , 86, 487	0.8	18
161	Copper-Catalyzed Amination of Ketene Silyl Acetals with Hydroxylamines: Electrophilic Amination Approach to α -Amino Acids. <i>Angewandte Chemie</i> , 2012 , 124, 11997-12001	3.6	25
160	Copper-catalyzed amination of ketene silyl acetals with hydroxylamines: electrophilic amination approach to α -amino acids. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11827-31	16.4	86
159	A concise access to (polyfluoroaryl)allenes by Cu-catalyzed direct coupling with propargyl phosphates. <i>Organic Letters</i> , 2012 , 14, 2586-9	6.2	33
158	Ruthenium(II)-catalyzed regio- and stereoselective hydroarylation of alkynes via directed C-H functionalization. <i>Organic Letters</i> , 2012 , 14, 2058-61	6.2	123
157	An annulative electrophilic amination approach to 3-aminobenzoheteroles. <i>Journal of Organic Chemistry</i> , 2012 , 77, 617-25	4.2	79
156	Synthesis of N-azolyliindoles by copper-catalyzed C-H/N-H coupling-annulation sequence of o-alkynylanilines. <i>Organic Letters</i> , 2012 , 14, 664-7	6.2	49
155	Nickel- and Cobalt-Catalyzed Direct Alkylation of Azoles with N-Tosylhydrazones Bearing Unactivated Alkyl Groups. <i>Angewandte Chemie</i> , 2012 , 124, 799-803	3.6	66
154	Copper-Catalyzed Amination of Arylboronates with N,N-Dialkylhydroxylamines. <i>Angewandte Chemie</i> , 2012 , 124, 3702-3705	3.6	44
153	Copper-Mediated and Copper-Catalyzed Cross-Coupling of Indoles and 1,3-Azoles: Double C-H Activation. <i>Angewandte Chemie</i> , 2012 , 124, 7099-7103	3.6	52
152	Synthesis of Fluorene Derivatives through Rhodium-Catalyzed Dehydrogenative Cyclization. <i>Angewandte Chemie</i> , 2012 , 124, 5455-5458	3.6	58
151	Copper-catalyzed amination of arylboronates with N,N-dialkylhydroxylamines. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3642-5	16.4	115

150	Copper-mediated and copper-catalyzed cross-coupling of indoles and 1,3-azoles: double C-H activation. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6993-7	16.4	203
149	Synthesis of fluorene derivatives through rhodium-catalyzed dehydrogenative cyclization. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5359-62	16.4	136
148	Copper-Catalyzed Direct Amination of Polyfluoroarenes and Azoles with Hydroxylamines and Its Application to the Synthesis of 3-Aminobenzoheteroles. <i>Synthesis</i> , 2012 , 44, 1792-1797	2.9	20
147	Dehydrogenative Synthesis of C3-Azolyindoles via Copper-Promoted Annulative Direct Coupling of o-Alkynylanilines. <i>Synthesis</i> , 2012 , 44, 1515-1520	2.9	9
146	Synthesis of isochromene and related derivatives by rhodium-catalyzed oxidative coupling of benzyl and allyl alcohols with alkynes. <i>Journal of Organic Chemistry</i> , 2011 , 76, 9548-51	4.2	84
145	Copper-catalyzed annulative amination of ortho-alkynylphenols with hydroxylamines: synthesis of 3-aminobenzofurans by umpolung amination strategy. <i>Organic Letters</i> , 2011 , 13, 2395-7	6.2	83
144	Ruthenium-catalyzed oxidative vinylation of heteroarene carboxylic acids with alkenes via regioselective C-H bond cleavage. <i>Organic Letters</i> , 2011 , 13, 706-8	6.2	259
143	Copper-catalyzed oxidative direct cyclization of N-methylanilines with electron-deficient alkenes using molecular oxygen. <i>Journal of Organic Chemistry</i> , 2011 , 76, 6447-51	4.2	96
142	Copper-catalyzed direct sulfoximation of azoles and polyfluoroarenes under ambient conditions. <i>Organic Letters</i> , 2011 , 13, 359-61	6.2	160
141	Synthesis of highly substituted acenes through rhodium-catalyzed oxidative coupling of arylboron reagents with alkynes. <i>Journal of Organic Chemistry</i> , 2011 , 76, 2867-74	4.2	100
140	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> , 2011 , 76, 13-24	4.2	189
139	Copper-mediated intermolecular direct biaryl coupling. <i>Journal of the American Chemical Society</i> , 2011 , 133, 2160-2	16.4	219
138	Rhodium-catalyzed Oxidative Coupling of Benzylamines with Alkynes through Dehydrogenation and Dehydrogenative Cyclization. <i>Chemistry Letters</i> , 2011 , 40, 600-602	1.7	65
137	Ruthenium-catalyzed Oxidative Alkenylation of Arenes via Regioselective C-H Bond Cleavage Directed by a Nitrogen-containing Group. <i>Chemistry Letters</i> , 2011 , 40, 1165-1166	1.7	75
136	Palladium-catalyzed Direct Monoarylation of Thiophene-, Benzothiophene-, and Indoleacetic Acids through Regioselective C-H Bond Cleavage. <i>Chemistry Letters</i> , 2011 , 40, 1015-1017	1.7	34
135	A remarkable effect of ionic liquids in transition-metal-free aerobic oxidation of benzylic alcohols. <i>Tetrahedron Letters</i> , 2011 , 52, 5392-5394	2	19
134	Copper-mediated annulative direct coupling of o-alkynylphenols with oxadiazoles: a dehydrogenative cascade construction of biheteroaryls. <i>Organic Letters</i> , 2011 , 13, 3076-9	6.2	35
133	Copper-catalyzed direct amination of electron-deficient arenes with hydroxylamines. <i>Organic Letters</i> , 2011 , 13, 2860-3	6.2	190

132	Synthesis of 1,4-Diarylbuta-1,3-dienes through Palladium- Catalyzed Decarboxylative Coupling of Unsaturated Carboxylic Acids. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 631-636	5.6	25
131	Stereospecific Copper-Catalyzed C ² H Allylation of Electron-Deficient Arenes with Allyl Phosphates. <i>Angewandte Chemie</i> , 2011 , 123, 3046-3050	3.6	46
130	Stereospecific copper-catalyzed C-H allylation of electron-deficient arenes with allyl phosphates. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 2990-4	16.4	140
129	Rhodium-catalyzed regioselective olefination directed by a carboxylic group. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3024-33	4.2	206
128	Effect of the substitution pattern of alkyl side chain in a benzodithiophene core system on intra and inter-molecular charge carrier mobility. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 8446-52	3.4	15
127	Transition-Metal-Catalyzed Regioselective Arylation and Vinylation of Carboxylic Acids. <i>Synthesis</i> , 2010 , 2010, 3395-3409	2.9	350
126	Palladium-catalyzed direct benzylation of azoles with benzyl carbonates. <i>Organic Letters</i> , 2010 , 12, 1360-2	6.2	120
125	Synthesis of stilbene and distyrylbenzene derivatives through rhodium-catalyzed ortho-olefination and decarboxylation of benzoic acids. <i>Organic Letters</i> , 2010 , 12, 5776-9	6.2	186
124	Room temperature direct alkynylation of 1,3,4-oxadiazoles with alkynyl bromides under copper catalysis. <i>Journal of Organic Chemistry</i> , 2010 , 75, 1764-6	4.2	90
123	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> , 2010 , 132, 6900-1	16.4	356
122	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> , 2010 , 12, 2068-71	6.2	244
121	Synthesis of alpha,omega-diarylbutadienes and -hexatrienes via decarboxylative coupling of cinnamic acids with vinyl bromides under palladium catalysis. <i>Organic Letters</i> , 2010 , 12, 592-5	6.2	106
120	Palladium-catalyzed direct oxidative alkenylation of azoles. <i>Journal of Organic Chemistry</i> , 2010 , 75, 5421-4	4.2	87
119	Nickel- and copper-catalyzed direct alkynylation of azoles and polyfluoroarenes with terminal alkynes under O(2) or atmospheric conditions. <i>Organic Letters</i> , 2010 , 12, 2358-61	6.2	189
118	Synthesis of Substituted Stilbenes via Direct Decarboxylative Coupling of Cinnamic Acids with Arylboronic Acids under Palladium Catalysis. <i>Chemistry Letters</i> , 2010 , 39, 68-69	1.7	30
117	Rhodium-catalyzed Oxidative Coupling/Cyclization of Benzamides with Alkynes via C-H Bond Cleavage. <i>Chemistry Letters</i> , 2010 , 39, 744-746	1.7	251
116	Synthesis of naphtho[1,8-bc]pyran derivatives and related compounds through hydroxy group directed C-H bond cleavage under rhodium catalysis. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 847-51	4.5	147
115	Oxidative Nickel-Air Catalysis in C ² H Arylation: Direct Cross-Coupling of Azoles with Arylboronic Acids using Air as Sole Oxidant. <i>ChemCatChem</i> , 2010 , 2, 1403-1406	5.2	72

114	Rhodium/phosphine/amine.HBr catalyst system for highly selective cross-cyclodimerization of aryl- and alkylalkynes: efficient access to multisubstituted naphthalene derivatives. <i>Chemistry - A European Journal</i> , 2010 , 16, 445-9	4.8	26
113	Copper-mediated direct cross-coupling of 1,3,4-oxadiazoles and oxazoles with terminal alkynes. <i>Chemistry - A European Journal</i> , 2010 , 16, 1772-5	4.8	96
112	Oxidative coupling of aromatic substrates with alkynes and alkenes under rhodium catalysis. <i>Chemistry - A European Journal</i> , 2010 , 16, 11212-22	4.8	1598
111	Palladium- and nickel-catalyzed direct alkylation of azoles with unactivated alkyl bromides and chlorides. <i>Chemistry - A European Journal</i> , 2010 , 16, 12307-11	4.8	94
110	Nickel-Catalyzed Direct C-H Arylation and Alkenylation of Heteroarenes with Organosilicon Reagents. <i>Angewandte Chemie</i> , 2010 , 122, 2248-2251	3.6	63
109	Nickel-catalyzed direct C-H arylation and alkenylation of heteroarenes with organosilicon reagents. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2202-5	16.4	232
108	Palladium-Catalyzed Three-Component 1:2:1 Coupling of Aryl Iodides, Alkynes, and Alkenes to Produce 1,3,5-Hexatriene Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1431-1436	5.6	29
107	Synthesis of 2,3-Diarylbenzo[b]thiophenes via Nickel-Catalyzed Suzuki-Miyaura Cross-Coupling and Palladium-Catalyzed Decarboxylative Arylation. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 2683-2688	5.6	49
106	Fluorescent diarylindoles by palladium-catalyzed direct and decarboxylative arylations of carboxyindoles. <i>Chemistry - A European Journal</i> , 2009 , 15, 3674-7	4.8	140
105	Synthesis of 2,5-diaryloxazoles through van Leusen reaction and copper-mediated direct arylation. <i>Tetrahedron Letters</i> , 2009 , 50, 3273-3276	2	68
104	Rhodium-catalyzed mono- and divinylolation of 1-phenylpyrazoles and related compounds via regioselective C-H bond cleavage. <i>Journal of Organic Chemistry</i> , 2009 , 74, 7094-9	4.2	206
103	Synthesis of condensed heteroaromatic compounds by palladium-catalyzed oxidative coupling of heteroarene carboxylic acids with alkynes. <i>Organic Letters</i> , 2009 , 11, 2337-40	6.2	158
102	Fused ring construction around pyrrole, indole, and related compounds via palladium-catalyzed oxidative coupling with alkynes. <i>Journal of Organic Chemistry</i> , 2009 , 74, 7481-8	4.2	168
101	Copper-mediated direct arylation of 1,3,4-oxadiazoles and 1,2,4-triazoles with aryl iodides. <i>Organic Letters</i> , 2009 , 11, 3072-5	6.2	117
100	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> , 2009 , 74, 6295-8	4.2	188
99	Waste-free synthesis of condensed heterocyclic compounds by rhodium-catalyzed oxidative coupling of substituted arene or heteroarene carboxylic acids with alkynes. <i>Journal of Organic Chemistry</i> , 2009 , 74, 3478-83	4.2	164
98	Synthesis of highly substituted naphthalene and anthracene derivatives by rhodium-catalyzed oxidative coupling of arylboronic acids with alkynes. <i>Organic Letters</i> , 2009 , 11, 5198-201	6.2	80
97	Nickel-catalyzed direct alkynylation of azoles with alkynyl bromides. <i>Organic Letters</i> , 2009 , 11, 4156-9	6.2	183

96	Nickel-catalyzed direct arylation of azoles with aryl bromides. <i>Organic Letters</i> , 2009 , 11, 1737-40	6.2	184
95	Nickel- and rhodium-catalyzed addition of terminal silylacetylenes to propargyl amines: catalyst-dependent complementary regioselectivity. <i>Journal of Organic Chemistry</i> , 2009 , 74, 3576-8	4.2	31
94	Rhodium-catalyzed oxidative coupling of aromatic imines with internal alkynes via regioselective C-H bond cleavage. <i>Chemical Communications</i> , 2009 , 5141-3	5.8	340
93	Nickel-catalyzed C-H alkenylation and alkylation of 1,3,4-oxadiazoles with alkynes and styrenes. <i>Journal of Organic Chemistry</i> , 2009 , 74, 6410-3	4.2	105
92	Rhodium-catalyzed and Coordination-assisted Regioselective Alkenylation of Aromatic C-H Bonds with Terminal Silylacetylenes. <i>Chemistry Letters</i> , 2009 , 38, 118-119	1.7	64
91	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> , 2008 , 10, 1159-62	6.2	308
90	Palladium-catalyzed perarylation of 3-thiophene- and 3-furancarboxylic acids accompanied by C-H bond cleavage and decarboxylation. <i>Organic Letters</i> , 2008 , 10, 1851-4	6.2	181
89	Rhodium-catalyzed (E)-selective cross-dimerization of terminal alkynes. <i>Chemical Communications</i> , 2008 , 3405-7	5.8	62
88	Rhodium-catalyzed anti selective cross-addition of bis(trimethylsilyl)acetylene to diarylacetylenes via carbon-silicon bond cleavage. <i>Organic Letters</i> , 2008 , 10, 1751-4	6.2	21
87	Rhodium-catalyzed oxidative coupling of triarylmethanols with internal alkynes via successive C-H and C-C bond cleavages. <i>Journal of Organic Chemistry</i> , 2008 , 73, 298-300	4.2	126
86	Palladium/phosphite-catalyzed 1,4-addition of arylboronic acids to acrylic acid derivatives. <i>Journal of Organic Chemistry</i> , 2008 , 73, 1590-2	4.2	20
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84	Copper-mediated direct arylation of benzoazoles with aryl iodides. <i>Tetrahedron Letters</i> , 2008 , 49, 1598-1600	16.0	136
83	Catalytic synthesis of oligoene and enyne derivatives through carbometalation of internal alkynes. <i>Chemical Record</i> , 2008 , 8, 326-36	6.6	14
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77	Palladium-catalyzed direct oxidative vinylation of thiophenes and furans under weakly basic conditions. <i>Tetrahedron</i> , 2008 , 64, 5982-5986	2.4	44
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53	Rhodium-Catalyzed Coupling Reaction of Aryl Chlorides with Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 1765-1772	5.6	54
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