Xingwei Li

List of Publications by Citations

253 papers	17,423 citations	69 h-index	122 g-index
305 ext. papers	19,495 ext. citations	7.6 avg, IF	7.5 L-index

#	Paper	IF	Citations
253	C-C, C-O and C-N bond formation via rhodium(III)-catalyzed oxidative C-H activation. *Chemical Society Reviews*, **2012**, 41, 3651-78	58.5	1969
252	Substrate activation strategies in rhodium(III)-catalyzed selective functionalization of arenes. *Accounts of Chemical Research*, **2015**, 48, 1007-20	24.3	819
251	Rhodium and Iridium Complexes of N-Heterocyclic Carbenes via Transmetalation: Structure and Dynamics. *Organometallics*, **2003**, 22, 1663-1667	3.8	507
250	Rh(III)- and Ir(III)-catalyzed C-H alkynylation of arenes under chelation assistance. *Journal of the American Chemical Society*, **2014**, 136, 4780-7	16.4	355
249	Gold □oxo carbenoids in catalysis: catalytic oxygen-atom transfer to alkynes. *Angewandte Chemie - International Edition*, **2011**, 50, 7226-36	16.4	339
248	Rhodium-catalyzed C-H activation of phenacyl ammonium salts assisted by an oxidizing C-N bond: a combination of experimental and theoretical studies. *Journal of the American Chemical Society*, **2015**, 137, 1623-31	16.4	286
247	Rh-catalyzed oxidative coupling between primary and secondary benzamides and alkynes: synthesis of polycyclic amides. *Journal of Organic Chemistry*, **2010**, 75, 7487-90	4.2	272
246	Rh(III)-catalyzed tandem oxidative olefination-Michael reactions between aryl carboxamides and alkenes. *Organic Letters*, **2010**, 12, 5430-3	6.2	252
245	Transition metal-catalysed couplings between arenes and strained or reactive rings: combination of C-H activation and ring scission. *Chemical Society Reviews*, **2016**, 45, 6462-6477	58.5	242
244	Synthesis of Isoquinolines via Rhodium(III)-Catalyzed Dehydrative C?C and C?N Coupling between Oximines and Alkynes. *Advanced Synthesis and Catalysis*, **2011**, 353, 719-723	5.6	216
243	Intramolecular alkyne hydroalkoxylation and hydroamination catalyzed by iridium hydrides. *Organic Letters*, **2005**, 7, 5437-40	6.2	212
242	Rh(III)-catalyzed oxidative coupling of N-aryl-2-aminopyridine with alkynes and alkenes. *Organic Letters*, **2010**, 12, 5426-9	6.2	211
241	Experimental and Theoretical Studies on Rhodium-Catalyzed Coupling of Benzamides with 2,2-Difluorovinyl Tosylate: Diverse Synthesis of Fluorinated Heterocycles. *Journal of the American Chemical Society*, **2017**, 139, 3537-3545	16.4	186
240	Rhodium(III)-catalyzed C-C and C-O coupling of quinoline N-oxides with alkynes: combination of C-H activation with O-atom transfer. *Angewandte Chemie - International Edition*, **2014**, 53, 10794-8	16.4	180
239	Rhodium(III)-Catalyzed Amidation of Unactivated C(sp(3))-H Bonds. *Angewandte Chemie - International Edition*, **2015**, 54, 13049-52	16.4	180
238	Palladium-catalyzed oxidative cross-coupling between pyridine N-oxides and indoles. *Organic Letters*, **2011**, 13, 1766-9	6.2	180
237	Anthranil: An Aminating Reagent Leading to Bifunctionality for Both C(sp(3))-H and C(sp(2))-H under Rhodium(III) Catalysis. *Angewandte Chemie - International Edition*, **2016**, 55, 8696-700	16.4	170

236	Synthesis of 1-aminoisoquinolines via Rh(III)-catalyzed oxidative coupling. *Organic Letters*, **2011**, 13, 4636-9	6.2	168
235	Gold-Oxocarbenoide in der katalysierten Übertragung von Sauerstoffatomen auf Alkine. *Angewandte Chemie*, **2011**, 123, 7364-7375	3.6	161
234	Rhodium(III)-catalyzed azidation and nitration of arenes by C-H activation. *Angewandte Chemie - International Edition*, **2013**, 52, 11862-6	16.4	159
233	Synthesis of 2-pyridones and iminoesters via Rh(III)-catalyzed oxidative coupling between acrylamides and alkynes. *Organic Letters*, **2010**, 12, 5462-5	6.2	157
232	Co(III)-Catalyzed Synthesis of Quinazolines via C-H Activation of N-Sulfinylimines and Benzimidates. *Organic Letters*, **2016**, 18, 1306-9	6.2	154
231	Rhodium(III)-catalyzed azacycle-directed intermolecular insertion of arene C-H bonds into diazocarbonyl compounds. *Journal of Organic Chemistry*, **2013**, 78, 5444-52	4.2	150
230	Rh(III)-Catalyzed Asymmetric Synthesis of Axially Chiral Biindolyls by Merging C-H Activation and Nucleophilic Cyclization. *Journal of the American Chemical Society*, **2019**, 141, 9527-9532	16.4	146
229	Rhodium(iii)-catalyzed chemodivergent annulations between N-methoxybenzamides and sulfoxonium ylides via C-H activation. *Chemical Communications*, **2018**, 54, 670-673	5.8	143
228	Sulfoxonium Ylides as a Carbene Precursor in Rh(III)-Catalyzed C-H Acylmethylation of Arenes. *Organic Letters*, **2017**, 19, 5256-5259	6.2	139
227	Redox-Neutral Couplings between Amides and Alkynes via Cobalt(III)-Catalyzed C-H Activation. *Organic Letters*, **2016**, 18, 588-91	6.2	134
226	Synthesis of quinolines via Rh(III)-catalyzed oxidative annulation of pyridines. *Journal of Organic Chemistry*, **2011**, 76, 7583-9	4.2	132
225	Rhodium(III)-catalyzed C-C coupling between arenes and aziridines by C-H activation. *Angewandte Chemie - International Edition*, **2013**, 52, 2577-80	16.4	130
224	Rhodium and Iridium Complexes of Abnormal N-Heterocyclic Carbenes Derived from Imidazo[1,2-a]pyridine. *Organometallics*, **2008**, 27, 1936-1943	3.8	130
223	Rhodium(III)-catalyzed coupling of arenes with 7-oxa/azabenzonorbornadienes by C-H activation. *Angewandte Chemie - International Edition*, **2013**, 52, 8995-9000	16.4	126
222	Rhodium(III)-catalyzed annulative coupling between arenes and sulfoxonium ylides via CH activation. *Organic Chemistry Frontiers*, **2018**, 5, 998-1002	5.2	118
221	Rhodium(III)-catalyzed oxidative C-H functionalization of azomethine ylides. *Angewandte Chemie - International Edition*, **2012**, 51, 11819-23	16.4	115
220	Ruthenium- and sulfonamide-catalyzed cyclization between N-sulfonyl imines and alkynes. *Organic Letters*, **2012**, 14, 5506-9	6.2	114
219	Rhodium(III)-catalyzed C-C coupling of arenes with 2-vinyloxiranes: synthesis of allylic alcohols. *Organic Letters*, **2014**, 16, 1200-3	6.2	112

218	Access to indenones by rhodium(III)-catalyzed C-H annulation of arylnitrones with internal alkynes. *Organic Letters*, **2013**, 15, 5440-3	6.2	112
217	Rhodium(III)-catalyzed C-H activation and amidation of arenes using N-arenesulfonated imides as amidating reagents. *Organic Letters*, **2013**, 15, 3706-9	6.2	112
216	Rh(III)-Catalyzed Synthesis of N-Unprotected Indoles from Imidamides and Diazo Ketoesters via C-H Activation and C-C/C-N Bond Cleavage. *Organic Letters*, **2016**, 18, 700-3	6.2	109
215	Oxidative coupling of NH isoquinolones with olefins catalyzed by Rh(III). *Journal of Organic Chemistry*, **2011**, 76, 2926-32	4.2	108
214	Access to Structurally Diverse Quinoline-Fused Heterocycles via Rhodium(III)-Catalyzed C-C/C-N Coupling of Bifunctional Substrates. *Organic Letters*, **2016**, 18, 2812-5	6.2	107
213	Rhodium(III)-Catalyzed Coupling of Arenes with Cyclopropanols via C□H Activation and Ring Opening. *ACS Catalysis*, **2016**, 6, 647-651	13.1	105
212	Cooperative Co(III)/Cu(II)-Catalyzed C-N/N-N Coupling of Imidates with Anthranils: Access to 1H-Indazoles via C-H Activation. *Organic Letters*, **2016**, 18, 3662-5	6.2	104
211	Cobalt(III)-Catalyzed Regio- and Stereoselective □Fluoroalkenylation of Arenes with gem-Difluorostyrenes. *Organic Letters*, **2016**, 18, 6320-6323	6.2	104
210	Rh(III)-catalyzed selenylation of arenes with selenenyl chlorides/diselenides via C-H activation. *Organic Letters*, **2015**, 17, 58-61	6.2	102
209	Rhodium(III)-Catalyzed Synthesis of Naphthols via C-H Activation of Sulfoxonium Ylides. *Organic Letters*, **2017**, 19, 4307-4310	6.2	101
208	Palladium-catalyzed desulfitative arylation of azoles with arylsulfonyl hydrazides. *Organic and Biomolecular Chemistry*, **2012**, 10, 7479-82	3.9	101
207	Nitrone Directing Groups in Rhodium(III)-Catalyzed C-H Activation of Arenes: 1,3-Dipoles versus Traceless Directing Groups. *Angewandte Chemie - International Edition*, **2016**, 55, 15351-15355	16.4	99
206	Ruthenium(II)-Catalyzed C-H Activation of Imidamides and Divergent Couplings with Diazo Compounds: Substrate-Controlled Synthesis of Indoles and 3H-Indoles. *Angewandte Chemie - International Edition*, **2016**, 55, 11877-81	16.4	98
205	Rh(III)-Catalyzed C-H Alkylation of Arenes Using Alkylboron Reagents. *Organic Letters*, **2015**, 17, 2812-5	6.2	95
204	Rh(III)-catalyzed oxidative annulation of 2-phenylimidazo[1,2-a]pyridines with alkynes: mono versus double C-H activation. *Journal of Organic Chemistry*, **2015**, 80, 3471-9	4.2	94
203	Rh(III)-catalyzed oxidative olefination of N-(1-naphthyl)sulfonamides using activated and unactivated alkenes. *Organic Letters*, **2011**, 13, 5808-11	6.2	92
202	Cobalt(III)- and Rhodium(III)-Catalyzed C-H Amidation and Synthesis of 4-Quinolones: C-H Activation Assisted by Weakly Coordinating and Functionalizable Enaminone. *Organic Letters*, **2017**, 19, 1812-1815	6.2	90
201	Diverse reactivity in a rhodium(III)-catalyzed oxidative coupling of N-allyl arenesulfonamides with alkynes. *Angewandte Chemie - International Edition*, **2012**, 51, 12348-52	16.4	90

200	Palladium-catalyzed selective oxidative olefination and arylation of 2-pyridones. *Chemical Science*, **2012**, 3, 3231	9.4	89
199	Cobalt(III)-Catalyzed C-C Coupling of Arenes with 7-Oxabenzonorbornadiene and 2-Vinyloxirane via C-H Activation. *Organic Letters*, **2016**, 18, 3802-5	6.2	89
198	Iridium- and rhodium-catalyzed C-H activation and formyl alkynylation of benzaldehydes under chelation-assistance. *Organic Letters*, **2015**, 17, 920-3	6.2	88
197	Rhodium(III)- and ruthenium(II)-catalyzed olefination of isoquinolones. *Organic Letters*, **2012**, 14, 4166-9	6.2	88
196	Catalyst-Controlled Regiodivergent Alkyne Insertion in the Context of C-H Activation and Diels-Alder Reactions: Synthesis of Fused and Bridged Cycles. *Angewandte Chemie - International Edition*, **2017**, 56, 8163-8167	16.4	87
195	Synthesis of N-(2-pyridyl)indoles via Pd(II)-catalyzed oxidative coupling. *Journal of Organic Chemistry*, **2011**, 76, 3523-6	4.2	87
194	Enantiodivergent Desymmetrization in the Rhodium(III)-Catalyzed Annulation of Sulfoximines with Diazo Compounds. *Angewandte Chemie - International Edition*, **2018**, 57, 15534-15538	16.4	87
193	Lewis Acid-Catalyzed Electrophilic Trifluoromethylthiolation of (Hetero)Arenes. *Advanced Synthesis and Catalysis*, **2015**, 357, 355-360	5.6	86
192	Mild synthesis of chalcones via rhodium(III)-catalyzed C-C coupling of arenes and cyclopropenones. *Organic Letters*, **2014**, 16, 1220-3	6.2	84
191	Formal Gold- and Rhodium-Catalyzed Regiodivergent C-H Alkynylation of 2-Pyridones. *Journal of Organic Chemistry*, **2016**, 81, 715-22	4.2	77
190	Rhodium(III)-catalyzed oxidative coupling of 5-aryl-1H-pyrazoles with alkynes and acrylates. *Journal of Organic Chemistry*, **2011**, 76, 8530-6	4.2	77
189	Ir(III)-Induced C-Bound to N-Bound Tautomerization of a N-Heterocyclic Carbene. *Organometallics*, **2007**, 26, 4684-4687	3.8	76
188	Construction of (Dihydro)naphtho[1,8- bc]pyrans via Rh(III)-Catalyzed Twofold C-H Activation of Benzoylacetonitriles. *Organic Letters*, **2018**, 20, 2160-2163	6.2	75
187	Mild and Efficient Ir(III)-Catalyzed Direct C□H Alkynylation of N-Phenoxyacetamides with Terminal Alkyne. *ACS Catalysis*, **2015**, 5, 6999-7003	13.1	72
186	Cp*CoIII-Catalyzed Branch-Selective Hydroarylation of Alkynes via C□H Activation: Efficient Access to □gem-Vinylindoles. *ACS Catalysis*, **2017**, 7, 7296-7304	13.1	71
185	Rh(III)- and Zn(II)-Catalyzed Synthesis of Quinazoline N-Oxides via C-H Amidation-Cyclization of Oximes. *Organic Letters*, **2016**, 18, 6144-6147	6.2	69
184	Rh(III)-Catalyzed C-C/C-N Coupling of Imidates with □Diazo Imidamide: Synthesis of Isoquinoline-Fused Indoles. *Organic Letters*, **2016**, 18, 2914-7	6.2	69
183	Iridium phosphine abnormal N-heterocyclic carbene complexes in catalytic hydrogen transfer reactions. *Tetrahedron Letters*, **2011**, 52, 5596-5600	2	67

182	Synthesis of Trisubstituted Pyrroles from Rhodium-Catalyzed Alkyne Head-to-Tail Dimerization and Subsequent Gold- Catalyzed Cyclization. *Advanced Synthesis and Catalysis*, **2009**, 351, 1371-1377	5.6	67
181	Electronic and Steric Effects in the Insertion of Alkynes into an Iridium(III) Hydride. *Organometallics*, **2005**, 24, 62-76	3.8	67
180	Rhodium(III)-Catalyzed Annulation between N-Sulfinyl Ketoimines and Activated Olefins: C□H Activation Assisted by an Oxidizing N□S Bond. *ACS Catalysis*, **2016**, 6, 1971-1980	13.1	65
179	Rhodium(III)-Catalyzed Enantioselective Coupling of Indoles and 7-Azabenzonorbornadienes by C-H Activation/Desymmetrization. *Angewandte Chemie - International Edition*, **2019**, 58, 322-326	16.4	64
178	Divergent Access to 1-Naphthols and Isocoumarins via Rh(III)-Catalyzed C-H Activation Assisted by Phosphonium Ylide. *Organic Letters*, **2017**, 19, 3410-3413	6.2	63
177	Rhodium-Catalyzed Enantioselective Oxidative [3+2] Annulation of Arenes and Azabicyclic Olefins through Twofold C-H Activation. *Angewandte Chemie - International Edition*, **2019**, 58, 17666-17670	16.4	63
176	Cross-dehydrogenative coupling between enamino esters and ketones: synthesis of tetrasubstituted pyrroles. *Organic Letters*, **2012**, 14, 1412-5	6.2	63
175	Rhodium-Catalyzed Site-Selective Coupling of Indoles with Diazo Esters: C4-Alkylation versus C2-Annulation. *Organic Letters*, **2017**, 19, 6184-6187	6.2	62
174	Base-catalyzed cyclization of N-sulfonyl propargylamides to sulfonylmethyl-substituted oxazoles via sulfonyl migration. *Journal of Organic Chemistry*, **2013**, 78, 4895-904	4.2	62
173	Rh(III)-Catalyzed Trifluoromethylthiolation of Indoles via C-H Activation. *Journal of Organic Chemistry*, **2015**, 80, 8361-6	4.2	61
172	Synthesis of 1H-Indazoles from Imidates and Nitrosobenzenes via Synergistic Rhodium/Copper Catalysis. *Organic Letters*, **2016**, 18, 2102-5	6.2	61
171	Rhodium(III)-Catalyzed Mild Alkylation of (Hetero)Arenes with Cyclopropanols via C-H Activation and Ring Opening. *Journal of Organic Chemistry*, **2016**, 81, 4869-75	4.2	61
170	Rhodium(iii)-catalyzed regio- and stereoselective benzylic □-fluoroalkenylation with gem-difluorostyrenes. *Chemical Communications*, **2017**, 53, 10326-10329	5.8	60
169	Palladium-catalyzed cascade cyclization-oxidative olefination of tert-butyl 2-alkynylbenozates. *Journal of Organic Chemistry*, **2012**, 77, 1579-84	4.2	60
168	Iridium(III)- and rhodium(III)-catalyzed coupling of anilines with □-diazoesters via chelation-assisted C□H activation. *Organic Chemistry Frontiers*, **2016**, 3, 87-90	5.2	59
167	Rhodium(III)-Catalyzed Atroposelective Synthesis of Biaryls by C-H Activation and Intermolecular Coupling with Sterically Hindered Alkynes. *Angewandte Chemie - International Edition*, **2020**, 59, 13288-13294	16.4	59
166	Iridium(III)-Catalyzed Synthesis of Benzimidazoles via C-H Activation and Amidation of Aniline Derivatives. *Organic Letters*, **2017**, 19, 3243-3246	6.2	58
165	Rh(III)-Catalyzed Mild Coupling of Nitrones and Azomethine Imines with Alkylidenecyclopropanes via C□H Activation: Facile Access to Bridged Cycles. *ACS Catalysis*, **2018**, 8, 4194-4200	13.1	58

164	Redox-Divergent Synthesis of Fluoroalkylated Pyridines and 2-Pyridones through Cu-Catalyzed N-O Cleavage of Oxime Acetates. *Angewandte Chemie - International Edition*, **2018**, 57, 6633-6637	16.4	58
163	Rh(III) -catalyzed hydroacylation reactions between N-sulfonyl 2-aminobenzaldehydes and olefins. *Chemistry - A European Journal*, **2014**, 20, 3283-7	4.8	58
162	Rh(III)-catalyzed coupling of benzamides with propargyl alcohols via hydroarylation-lactonization. *Organic Letters*, **2013**, 15, 6290-3	6.2	58
161	Rhodium(III)-Catalyzed Amidation of Unactivated C(sp3)?H Bonds. *Angewandte Chemie*, **2015**, 127, 13241-13244	3.6	58
160	Diaryliodoniums by Rhodium(III)-Catalyzed C-H Activation: Mild Synthesis and Diversified Functionalizations. *Angewandte Chemie - International Edition*, **2015**, 54, 7405-9	16.4	56
159	Quinoline-Tethered N-Heterocyclic Carbene Complexes of Rhodium and Iridium: Synthesis, Catalysis, and Electrochemical Properties. *Organometallics*, **2008**, 27, 4484-4493	3.8	56
158	Rhodium(III)-Catalyzed Enantio- and Diastereoselective C-H Cyclopropylation of N-Phenoxylsulfonamides: Combined Experimental and Computational Studies. *Angewandte Chemie - International Edition*, **2020**, 59, 2890-2896	16.4	55
157	Rhodium(III)-Catalyzed C?C and C?O Coupling of Quinoline N-Oxides with Alkynes: Combination of C?H Activation with O-Atom Transfer. *Angewandte Chemie*, **2014**, 126, 10970-10974	3.6	53
156	Cobalt(III)-catalyzed efficient synthesis of indenones through carboannulation of benzoates and alkynes. *Organic Chemistry Frontiers*, **2016**, 3, 813-816	5.2	52
155	Rh(III)-catalyzed olefination of N-sulfonyl imines: synthesis of ortho-olefinated benzaldehydes. *Organic Letters*, **2013**, 15, 6294-7	6.2	52
154	Gold- and iodine-mediated internal oxygen transfer of nitrone- and sulfoxide-functionalized alkynes. *Journal of Organic Chemistry*, **2011**, 76, 8488-94	4.2	51
153	The Mechanism of N-O Bond Cleavage in Rhodium-Catalyzed C-H Bond Functionalization of Quinoline N-oxides with Alkynes: A Computational Study. *Chemistry - A European Journal*, **2015**, 21, 10131-7	4.8	50
152	Rhodium(III)-catalyzed cyclization-olefination of N-acetoxyl ketoimine-alkynes. *Organic Letters*, **2012**, 14, 3400-3	6.2	50
151	Isolation of azomethine ylides and their complexes: iridium(III)-mediated cyclization of nitrone substrates containing alkynes. *Angewandte Chemie - International Edition*, **2011**, 50, 7791-6	16.4	50
150	Rhodium(III)-Catalyzed Acylation of C(sp)-H Bonds with Cyclopropenones. *Organic Letters*, **2017**, 19, 3644-3647	6.2	49
149	Cp*Rh(III)-Catalyzed Mild Addition of C(sp)-H Bonds to α,β-Unsaturated Aldehydes and Ketones. *Organic Letters*, **2017**, 19, 2086-2089	6.2	48
148	Rh(III)-Catalyzed Diastereodivergent Spiroannulation of Cyclic Imines with Activated Alkenes. *Organic Letters*, **2017**, 19, 5402-5405	6.2	48
147	Rhodium(III)-Catalyzed Asymmetric Access to Spirocycles through C-H Activation and Axial-to-Central Chirality Transfer. *Angewandte Chemie - International Edition*, **2020**, 59, 7188-7192	16.4	48

146	1,3-Dinitrone Pincer Complexes of Palladium and Nickel: Synthesis, Structural Characterizations, and Catalysis. *Organometallics*, **2009**, 28, 3233-3238	3.8	47
145	Anion-exchange-triggered 1,3-shift of an NH proton to iridium in protic n-heterocyclic carbenes: hydrogen-bonding and ion-pairing effects. *Angewandte Chemie - International Edition*, **2010**, 49, 912-7	16.4	47
144	Synthesis, structures, and solution dynamics of palladium complexes of quinoline-functionalized N-heterocyclic carbenes. *Inorganic Chemistry*, **2008**, 47, 8031-43	5.1	47
143	Rhodium(III)-catalyzed redox-neutral C-H arylation via rearomatization. *Organic Letters*, **2014**, 16, 1586-9	6.2	46
142	Mild Acylation of C(sp3)H and C(sp2)H Bonds under Redox-Neutral Rh(III) Catalysis. *ACS Catalysis*, **2016**, 6, 7744-7748	13.1	46
141	Rhodium(III)-Catalyzed Azidation and Nitration of Arenes by C?H Activation. *Angewandte Chemie*, **2013**, 125, 12078-12082	3.6	45
140	Iridium- and Rhodium-Catalyzed Carbocyclization between 2-Phenylimidazo[1,2-a]pyridine and Diazo Esters. *Advanced Synthesis and Catalysis*, **2016**, 358, 880-886	5.6	45
139	Rhodium-Catalyzed C-S and C-N Functionalization of Arenes: Combination of C-H Activation and Hypervalent Iodine Chemistry. *Chemistry - A European Journal*, **2016**, 22, 511-6	4.8	45
138	Synthesis of 2-Substituted Quinolines via Rhodium(III)-Catalyzed CH Activation of Imidamides and Coupling with Cyclopropanols. *Advanced Synthesis and Catalysis*, **2017**, 359, 1620-1625	5.6	44
137	Stabilization of imidosamarium(III) cubane by amidinates. *Inorganic Chemistry*, **2009**, 48, 6344-6	5.1	44
136	Cycloiridation of Unsaturated Ketones, Esters, and Acetophenone. *Organometallics*, **2005**, 24, 4810-4815	3.8	44
135	Stoichiometric CC Coupling Reactions in the Coordination Sphere of an Iridium(III) Alkyl. *Organometallics*, **2004**, 23, 3378-3387	3.8	44
134	Enantioselective Copper-Catalyzed Hydroamination of Vinylarenes with Anthranils. *Organic Letters*, **2018**, 20, 7154-7157	6.2	43
133	Rhodium(III)-catalyzed oxidative mono- and di-olefination of isonicotinamides. *Organic and Biomolecular Chemistry*, **2012**, 10, 5521-4	3.9	42
132	Iridium Abnormal N-Heterocyclic Carbene Hydrides via Highly Selective CH Activation. *Organometallics*, **2008**, 27, 1187-1192	3.8	42
131	Diverse Reactivity in a Rhodium(III)-Catalyzed Oxidative Coupling of N-Allyl Arenesulfonamides with Alkynes. *Angewandte Chemie*, **2012**, 124, 12514-12518	3.6	40
130	Rhodium(III)-catalyzed C-H alkynylation of azomethine ylides under mild conditions. *Organic and Biomolecular Chemistry*, **2014**, 12, 9329-32	3.9	39
129	Rhodium(III)-Catalyzed Regio- and Stereoselective C-H Allylation of Arenes with Vinyl Benzoxazinanones. *Organic Letters*, **2016**, 18, 4392-5	6.2	37

128	Pyridine-Based N-Heterocyclic Carbene Hydride Complexes of Iridium via CH Activation. *Organometallics*, **2008**, 27, 6193-6201	3.8	37
127	Intramolecular Oxygen Transfer from Nitro Groups to C?C Bonds Mediated by Iridium Hydrides. *Organometallics*, **2005**, 24, 3066-3073	3.8	37
126	Recent advances in transition metal-catalyzed olefinic CH functionalization. *Organic Chemistry Frontiers*, **2021**, 8, 1085-1101	5.2	36
125	Enantiodivergent Desymmetrization in the Rhodium(III)-Catalyzed Annulation of Sulfoximines with Diazo Compounds. *Angewandte Chemie*, **2018**, 130, 15760-15764	3.6	36
124	Access to Substituted Propenoic Acids via Rh(III)-Catalyzed C-H Allylation of (Hetero)Arenes with Methyleneoxetanones. *Organic Letters*, **2017**, 19, 5972-5975	6.2	35
123	Rh(III)-Catalyzed Acceptorless Dehydrogenative Coupling of (Hetero)arenes with 2-Carboxyl Allylic Alcohols. *Organic Letters*, **2018**, 20, 740-743	6.2	35
122	Rhodium(III)-Catalyzed C?C Coupling between Arenes and Aziridines by C?H Activation. *Angewandte Chemie*, **2013**, 125, 2637-2640	3.6	35
121	Anthranil: An Aminating Reagent Leading to Bifunctionality for Both C(sp3)H and C(sp2)H under Rhodium(III) Catalysis. *Angewandte Chemie*, **2016**, 128, 8838-8842	3.6	35
120	Rhodium(III)-Catalyzed Chemo-divergent Couplings of Sulfoxonium Ylides with Oxa/azabicyclic Olefins. *Organic Letters*, **2019**, 21, 8459-8463	6.2	34
119	Rhodium(III)-Catalyzed Coupling of Arenes with 7-Oxa/Azabenzonorbornadienes by C?H Activation. *Angewandte Chemie*, **2013**, 125, 9165-9170	3.6	34
118	Hydrogen bonding-assisted tautomerization of pyridine moieties in the coordination sphere of an Ir(I) complex. *Chemical Communications*, **2008**, 3558-60	5.8	34
117	Facile construction of hydrogenated azepino[3,2,1-hi]indoles by Rh(III)-catalyzed CH activation/[5 + 2] annulation of N-cyanoacetylindolines with sulfoxonium ylides. *Organic Chemistry Frontiers*, **2018**, 5, 3263-3266	5.2	34
116	Cp*Co(iii)-catalyzed amidation of olefinic and aryl C-H bonds: highly selective synthesis of enamides and pyrimidones. *Chemical Communications*, **2018**, 54, 4345-4348	5.8	33
115	Methyleneimidazoline complexes of iridium, rhodium, and palladium from selective C(sp3)-H bond activation. *Chemistry - A European Journal*, **2009**, 15, 5535-44	4.8	33
114	A rare eta2-butadienyl complex from an alkyne double insertion with double vinylidene rearrangement. *Journal of the American Chemical Society*, **2003**, 125, 3698-9	16.4	33
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