

Xingwei Li

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.

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	Rhodium(III)-Catalyzed Atroposelective Synthesis of C-N Axially Chiral Naphthylamines and Variants via C-H Activation.. <i>Organic Letters</i> , 2022 , 24, 2531-2535	6.2	6
252	Rh(III)-Catalyzed Efficient Synthesis of Isocoumarins from Cyclohexanediones. <i>Chinese Journal of Organic Chemistry</i> , 2021 , 41, 4476	3	3
251	Rhodium-Catalyzed Atroposelective Access to Axially Chiral Olefins via C-H Bond Activation and Directing Group Migration. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	15
250	Rhodium-Catalyzed Enantioselective Synthesis of β Amino Alcohols via Desymmetrization of gem-Dimethyl Groups. <i>Angewandte Chemie</i> , 2021 , 133, 8477-8481	3.6	4
249	Rh(III)-Catalyzed Chemodivergent Coupling of β -Phenoxyacetamides and Alkylidenecyclopropanes via C-H Activation. <i>Organic Letters</i> , 2021 , 23, 2927-2932	6.2	5
248	Rhodium(II)-Catalyzed Regioselective Remote C β Alkylation of Protic Indoles. <i>ACS Catalysis</i> , 2021 , 11, 4929-4935	13.1	6
247	Rhodium-Catalyzed Regio-, Diastereo-, and Enantioselective Three-Component Carboamination of Dienes via C β Activation. <i>ACS Catalysis</i> , 2021 , 11, 6692-6697	13.1	11
246	Rhodium-Catalyzed C-H Activation-Based Construction of Axially and Centrally Chiral Indenes through Two Discrete Insertions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16628-16633	16.4	19
245	Rhodium-Catalyzed C β Activation-Based Construction of Axially and Centrally Chiral Indenes through Two Discrete Insertions. <i>Angewandte Chemie</i> , 2021 , 133, 16764-16769	3.6	8
244	Rh(III)-Catalyzed Diverse C β Functionalization of Iminopyridinium Ylides. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2489-2494	4.9	5
243	Rhodium-Catalyzed Atroposelective Construction of Indoles via C-H Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8391-8395	16.4	32
242	Rhodium-Catalyzed Enantioselective Synthesis of β Amino Alcohols via Desymmetrization of gem-Dimethyl Groups. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8396-8400	16.4	14
241	Rhodium-Catalyzed Atroposelective Construction of Indoles via C β Bond Activation. <i>Angewandte Chemie</i> , 2021 , 133, 8472-8476	3.6	13
240	Recent advances in transition metal-catalyzed olefinic C β functionalization. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 1085-1101	5.2	36
239	Rhodium(iii)-catalyzed asymmetric [4+1] spiroannulations of O-pivaloyl oximes with β diazocompounds. <i>Chemical Communications</i> , 2021 , 57, 8268-8271	5.8	6
238	Mechanistic studies on nickel-catalyzed enantioselective [3 + 2] annulation for β butenolide synthesis via C β activation of diarylcyclopropenones. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 3023-3031	5.2	5
237	Rhodium-Catalyzed Redox-Neutral Olefination of Aryldiazenes with Acrylate Esters via C-H Activation and Transfer Hydrogenation. <i>Organic Letters</i> , 2021 , 23, 1687-1691	6.2	4

236	Construction of Atropisomeric 3-Arylindoles via Enantioselective Cacchi Reaction. <i>Organic Letters</i> , 2021 , 23, 5901-5905	6.2	6
235	Enantioselective and Diastereoselective C _H Alkylation of Benzamides: Synergized Axial and Central Chirality via a Single Stereodetermining Step. <i>ACS Catalysis</i> , 2021 , 11, 9151-9158	13.1	14
234	Twofold C _H Activation-Based Enantio- and Diastereoselective C _H Arylation Using Diarylacetylenes as Rare Arylating Reagents. <i>Angewandte Chemie</i> , 2021 , 133, 20587-20592	3.6	1
233	Twofold C-H Activation-Based Enantio- and Diastereoselective C-H Arylation Using Diarylacetylenes as Rare Arylating Reagents. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20424-20429	16.4	13
232	Rhodium-Catalyzed and Chiral Zinc Carboxylate-Assisted Allenylation of Benzamides via Kinetic Resolution. <i>Organic Letters</i> , 2021 , 23, 7038-7043	6.2	5
231	Rh(III)-Catalyzed Annulation of 2-Biphenylboronic Acid with Diverse Activated Alkenes. <i>Organic Letters</i> , 2021 , 23, 7199-7204	6.2	3
230	Rhodium(III)-catalyzed synthesis of spirocyclic isoindole N-oxides and isobenzofuranones via C-H activation and spiroannulation. <i>Chemical Communications</i> , 2020 , 56, 5528-5531	5.8	16
229	Rhodium(III)-catalyzed diamidation of olefins via amidorhodation and further amidation. <i>Chemical Communications</i> , 2020 , 56, 7809-7812	5.8	4
228	Access to [4,3,1]-Bridged Carbocycles via Rhodium(III)-Catalyzed C-H Activation of 2-Arylindoles and Annulation with Quinone Monoacetals. <i>Journal of Organic Chemistry</i> , 2020 , 85, 4543-4552	4.2	9
227	Rhodium(III)-Catalyzed Asymmetric Access to Spirocycles through C _H Activation and Axial-to-Central Chirality Transfer. <i>Angewandte Chemie</i> , 2020 , 132, 7255-7259	3.6	16
226	Rhodium(III)-Catalyzed Atroposelective Synthesis of Biaryls by C _H Activation and Intermolecular Coupling with Sterically Hindered Alkynes. <i>Angewandte Chemie</i> , 2020 , 132, 13390-13396	3.6	20
225	Rhodium(III)-catalyzed chelation-assisted C-H imidation of arenes via umpolung of the imidating reagent. <i>Chinese Journal of Catalysis</i> , 2020 , 41, 1723-1733	11.3	4
224	Rh(III)-Catalyzed Coupling of Acrylic Acids and Ynenones via Olefinic C-H Activation and Michael Addition. <i>Organic Letters</i> , 2020 , 22, 438-442	6.2	19
223	Nickel(0)-Catalyzed Enantioselective [3+2] Annulation of Cyclopropenones and β -Unsaturated Ketones/Imines. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2740-2744	16.4	20
222	Rhodium(III)-Catalyzed Enantio- and Diastereoselective C-H Cyclopropylation of N-Phenoxyulfonamides: Combined Experimental and Computational Studies. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2890-2896	16.4	55
221	Rhodium(III)-Catalyzed Enantio- and Diastereoselective C _H Cyclopropylation of N-Phenoxyulfonamides: Combined Experimental and Computational Studies. <i>Angewandte Chemie</i> , 2020 , 132, 2912-2918	3.6	16
220	Nickel(0)-Catalyzed Enantioselective [3+2] Annulation of Cyclopropenones and β -Unsaturated Ketones/Imines. <i>Angewandte Chemie</i> , 2020 , 132, 2762-2766	3.6	2
219	Rh(III)-Catalyzed acylation of heteroarenes with cyclobutenones via C-H/C-C bond activation. <i>Chemical Communications</i> , 2020 , 56, 15631-15634	5.8	7

- 218 Rhodium(III)-Catalyzed Asymmetric [4+1] and [5+1] Annulation of Arenes and 1,3-Enynes: A Distinct Mechanism of Allyl Formation and Allyl Functionalization. *Angewandte Chemie*, **2020**, 132, 22895-22902 3.6 3
- 217 Rhodium(III)-Catalyzed Asymmetric [4+1] and [5+1] Annulation of Arenes and 1,3-Enynes: A Distinct Mechanism of Allyl Formation and Allyl Functionalization. *Angewandte Chemie - International Edition*, **2020**, 59, 22706-22713 16.4 21
- 216 Rhodium-catalyzed coupling of arenes and fluorinated diazo diketones: synthesis of chromones. *Chemical Communications*, **2020**, 56, 13169-13172 5.8 9
- 215 Iodonium Ylides as Carbene Precursors in Rh(III)-Catalyzed C-H Activation. *Organic Letters*, **2020**, 22, 7475-7479 5.2 26
- 214 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
- 213 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
- 212 Rhodium(III)-Catalyzed Chemo-divergent Couplings of Sulfoxonium Ylides with Oxa/azabicyclic Olefins. *Organic Letters*, **2019**, 21, 8459-8463 6.2 34
- 211 Cobalt(III)-catalyzed C-H amidation of weakly coordinating sulfoxonium ylides and benzoylketene dithioacetals. *Organic Chemistry Frontiers*, **2019**, 6, 741-745 5.2 29
- 210 Access to 2-naphthols via Ru(II)-catalyzed C-H annulation of nitrones with diazo sulfonyl ketones. *Chemical Communications*, **2019**, 55, 7339-7342 5.8 12
- 209 Rhodium(III)-Catalyzed Oxidative Allylic C-H Indolylolation via Nucleophilic Cyclization. *Organic Letters*, **2019**, 21, 4662-4666 6.2 13
- 208 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
- 207 Cobalt(III)/Rhodium(III)-Catalyzed Regio- and Stereoselective Allylation of 8-Methylquinoline via sp³ C-H Activation. *Advanced Synthesis and Catalysis*, **2019**, 361, 3880-3885 5.6 14
- 206 Manganese(I)-Catalyzed Synthesis of Fused Eight- and Four-Membered Carbocycles via C-H Activation and Pericyclic Reactions. *Organic Letters*, **2019**, 21, 3402-3406 6.2 19
- 205 Rhodium(III)-catalyzed chemoselective C-H functionalization of benzamides with methyleneoxetanones controlled by the solvent. *Organic and Biomolecular Chemistry*, **2019**, 17, 6114-6118 3.9 17
- 204 Chemodivergent Oxidative Annulation of Benzamides and Enynes via 1,4-Rhodium Migration. *Organic Letters*, **2019**, 21, 1789-1793 6.2 20
- 203 Rhodium(III)-Catalyzed Non-annulative Carbon-Hydrogen Bond Functionalization **2019**, 521-592 6
- 202 Mn-Catalyzed Dehydrocyanative Transannulation of Heteroarenes and Propargyl Carbonates through C-H Activation: Beyond the Permanent Directing Effects of Pyridines/Pyrimidines. *Angewandte Chemie*, **2019**, 131, 5144-5148 3.6 7
- 201 Rhodium(III)-catalyzed diverse [4 + 1] annulation of arenes with 1,3-enynes sp/sp C-H activation and 1,4-rhodium migration. *Chemical Science*, **2019**, 10, 3987-3993 9.4 21

200	Mn(i)-Catalyzed nucleophilic addition/ring expansion via C-H activation and C-C cleavage. <i>Chemical Communications</i> , 2019 , 55, 10764-10767	5.8	11
199	Rhodium-Catalyzed Enantioselective Oxidative [3+2] Annulation of Arenes and Azabicyclic Olefins through Twofold C \equiv N Activation. <i>Angewandte Chemie</i> , 2019 , 131, 17830-17834	3.6	29
198	Rhodium-Catalyzed Enantioselective Oxidative [3+2] Annulation of Arenes and Azabicyclic Olefins through Twofold C-H Activation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17666-17670	16.4	63
197	Mn-Catalyzed Dehydrocyanative Transannulation of Heteroarenes and Propargyl Carbonates through C-H Activation: Beyond the Permanent Directing Effects of Pyridines/Pyrimidines. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5090-5094	16.4	32
196	Rhodium(III)-Catalyzed Enantioselective Coupling of Indoles and 7-Azabenzonorbornadienes by C-H Activation/Desymmetrization. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 322-326	16.4	64
195	Rhodium(III)-Catalyzed Enantioselective Coupling of Indoles and 7-Azabenzonorbornadienes by C \equiv N Activation/Desymmetrization. <i>Angewandte Chemie</i> , 2019 , 131, 328-332	3.6	29
194	Redox-Neutral Access to Isoquinolinones via Rhodium(III)-Catalyzed Annulations of O-Pivaloyl Oximes with Ketenes. <i>Organic Letters</i> , 2018 , 20, 2698-2701	6.2	19
193	Redox-Divergent Synthesis of Fluoroalkylated Pyridines and 2-Pyridones through Cu-Catalyzed N \equiv O Cleavage of Oxime Acetates. <i>Angewandte Chemie</i> , 2018 , 130, 6743-6747	3.6	12
192	Divergent Coupling of Anilines and Enones by Integration of C-H Activation and Transfer Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6681-6685	16.4	22
191	Rh(III)-Catalyzed Mild Coupling of Nitrones and Azomethine Imines with Alkylidenecyclopropanes via C \equiv N Activation: Facile Access to Bridged Cycles. <i>ACS Catalysis</i> , 2018 , 8, 4194-4200	13.1	58
190	Gold(i)- and rhodium(iii)-catalyzed formal regiodivergent C-H alkylation of 1-arylpyrazolones. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 2860-2864	3.9	17
189	Redox-Divergent Synthesis of Fluoroalkylated Pyridines and 2-Pyridones through Cu-Catalyzed N-O Cleavage of Oxime Acetates. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6633-6637	16.4	58
188	Cp*Co(iii)-catalyzed amidation of olefinic and aryl C-H bonds: highly selective synthesis of enamides and pyrimidones. <i>Chemical Communications</i> , 2018 , 54, 4345-4348	5.8	33
187	Rh(III)-Catalyzed Acceptorless Dehydrogenative Coupling of (Hetero)arenes with 2-Carboxyl Allylic Alcohols. <i>Organic Letters</i> , 2018 , 20, 740-743	6.2	35
186	Rhodium(III)-catalyzed annulative coupling between arenes and sulfoxonium ylides via C \equiv N activation. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 998-1002	5.2	118
185	Regio- and Diastereoselective Access to Fused Isoxazolidines via Ru(II)-Catalyzed C-H Activation of Nitrones and Coupling with Perfluoroalkylolefins. <i>Organic Letters</i> , 2018 , 20, 437-440	6.2	30
184	Rhodium(iii)-catalyzed chemodivergent annulations between N-methoxybenzamides and sulfoxonium ylides via C-H activation. <i>Chemical Communications</i> , 2018 , 54, 670-673	5.8	143
183	Divergent Coupling of Anilines and Enones by Integration of C \equiv N Activation and Transfer Hydrogenation. <i>Angewandte Chemie</i> , 2018 , 130, 6791-6795	3.6	3

- 182 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
- 181 Selective oxidation of C-H bonds with Fe-N-C single-atom catalyst. *Chinese Journal of Catalysis*, **2018**, 39, 1-3 11.3 3
- 180 Access to Quaternary Stereogenic Centers via Rhodium(III)-Catalyzed Annulations between 2-Phenylindoles and Ketenes. *Organic Letters*, **2018**, 20, 1957-1960 6.2 20
- 179 Rh(III)-Catalyzed C-C Coupling of Diverse Arenes and 4-Acyl-1-sulfonyltriazoles via C-H Activation. *Organic Letters*, **2018**, 20, 4946-4949 6.2 23
- 178 Ruthenium- and Rhodium-Catalyzed Chemodivergent Couplings of Ketene Dithioacetals and α -Diazo Ketones via C-H Activation/Functionalization. *Organic Letters*, **2018**, 20, 4597-4600 6.2 27
- 177 Ruthenium(II)-catalyzed α -fluoroalkenylation of arenes via C-H bond activation and C-H bond cleavage. *Organic Chemistry Frontiers*, **2018**, 5, 1978-1982 5.2 22
- 176 2 H-Chromene-3-carboxylic Acid Synthesis via Solvent-Controlled and Rhodium(III)-Catalyzed Redox-Neutral C-H Activation/[3 + 3] Annulation Cascade. *Organic Letters*, **2018**, 20, 3892-3896 6.2 31
- 175 Facile construction of hydrogenated azepino[3,2,1-hi]indoles by Rh(III)-catalyzed C-H activation/[5 + 2] annulation of N-cyanoacetylindolines with sulfoxonium ylides. *Organic Chemistry Frontiers*, **2018**, 5, 3263-3266 5.2 34
- 174 Rh(III)-Catalyzed α -fluoroalkenylation of N-nitrosoanilines with 2,2-difluorovinyl tosylates via C-H bond activation. *Organic Chemistry Frontiers*, **2018**, 5, 3406-3409 5.2 23
- 173 Ag(I)-Catalyzed Nucleophilic Addition and Friedel-Crafts Alkylation between α -Oxoketene Dithioacetals and Propargyl Carbonates. *Organic Letters*, **2018**, 20, 7775-7778 6.2 9
- 172 Chemo-selective couplings of anilines and acroleins/enones under substrate control and condition control. *Chinese Journal of Catalysis*, **2018**, 39, 1782-1791 11.3 3
- 171 Enantiodivergent Desymmetrization in the Rhodium(III)-Catalyzed Annulation of Sulfoximines with Diazo Compounds. *Angewandte Chemie*, **2018**, 130, 15760-15764 3.6 36
- 170 Enantiodivergent Desymmetrization in the Rhodium(III)-Catalyzed Annulation of Sulfoximines with Diazo Compounds. *Angewandte Chemie - International Edition*, **2018**, 57, 15534-15538 16.4 87
- 169 Enantioselective Copper-Catalyzed Hydroamination of Vinylarenes with Anthranils. *Organic Letters*, **2018**, 20, 7154-7157 6.2 43
- 168 Co(III)/Zn(II)-catalyzed dearomatization of indoles and coupling with carbenes from ene-yne ketones via intramolecular cyclopropanation. *Chinese Journal of Catalysis*, **2018**, 39, 1881-1889 11.3 3
- 167 Divergent Annulative C-C Coupling of Indoles Initiated by Manganese-Catalyzed C-H Activation. *ACS Catalysis*, **2018**, 8, 9463-9470 13.1 33
- 166 Rhodium(III)-Catalyzed Redox-Neutral Synthesis of Isoquinolinium Salts via C-H Activation of Imines. *Journal of Organic Chemistry*, **2018**, 83, 6477-6488 4.2 14
- 165 Rhodium(III)-Catalyzed Synthesis of Cinnolinium Salts from Azobenzenes and Diazo Compounds. *Advanced Synthesis and Catalysis*, **2018**, 360, 2836-2842 5.6 21

164	Front Cover Picture: Synthesis of 2-Substituted Quinolines via Rhodium(III)-Catalyzed C-H Activation of Imidamides and Coupling with Cyclopropanols (Adv. Synth. Catal. 10/2017). <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 1599-1599	5.6	1
163	Synthesis of 2-Substituted Quinolines via Rhodium(III)-Catalyzed C-H Activation of Imidamides and Coupling with Cyclopropanols. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 1620-1625	5.6	44
162	Experimental and Theoretical Studies on Rhodium-Catalyzed Coupling of Benzamides with 2,2-Difluorovinyl Tosylate: Diverse Synthesis of Fluorinated Heterocycles. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3537-3545	16.4	186
161	Catalyst-Controlled Regiodivergent Alkyne Insertion in the Context of C-H Activation and Diels-Alder Reactions: Synthesis of Fused and Bridged Cycles. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8163-8167	16.4	87
160	Rhodium(III)-Catalyzed Acylation of C(sp)-H Bonds with Cyclopropanones. <i>Organic Letters</i> , 2017 , 19, 3644-3647	6.3	49
159	Catalyst-Controlled Regiodivergent Alkyne Insertion in the Context of C-H Activation and Diels-Alder Reactions: Synthesis of Fused and Bridged Cycles. <i>Angewandte Chemie</i> , 2017 , 129, 8275-8279	3.6	24
158	Iridium(III)-Catalyzed Synthesis of Benzimidazoles via C-H Activation and Amidation of Aniline Derivatives. <i>Organic Letters</i> , 2017 , 19, 3243-3246	6.2	58
157	Divergent Access to 1-Naphthols and Isocoumarins via Rh(III)-Catalyzed C-H Activation Assisted by Phosphonium Ylide. <i>Organic Letters</i> , 2017 , 19, 3410-3413	6.2	63
156	Cp*Rh(III)-Catalyzed Mild Addition of C(sp)-H Bonds to α,β -Unsaturated Aldehydes and Ketones. <i>Organic Letters</i> , 2017 , 19, 2086-2089	6.2	48
155	Cobalt(III)- and Rhodium(III)-Catalyzed C-H Amidation and Synthesis of 4-Quinolones: C-H Activation Assisted by Weakly Coordinating and Functionalizable Enaminone. <i>Organic Letters</i> , 2017 , 19, 1812-1815	6.2	90
154	Access to Substituted Propenoic Acids via Rh(III)-Catalyzed C-H Allylation of (Hetero)Arenes with Methyleneoxetanones. <i>Organic Letters</i> , 2017 , 19, 5972-5975	6.2	35
153	Rhodium-Catalyzed Amination and Annulation of Arenes with Anthranils: C-H Activation Assisted by Weakly Coordinating Amides. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 4411-4416	5.6	26
152	Rh(III)-Catalyzed Diastereodivergent Spiroannulation of Cyclic Imines with Activated Alkenes. <i>Organic Letters</i> , 2017 , 19, 5402-5405	6.2	48
151	Rhodium(III)-catalyzed regio- and stereoselective benzylic α -fluoroalkenylation with gem-difluorostyrenes. <i>Chemical Communications</i> , 2017 , 53, 10326-10329	5.8	60
150	Cp*Co(III)-Catalyzed Branch-Selective Hydroarylation of Alkynes via C-H Activation: Efficient Access to β -gem-Vinylindoles. <i>ACS Catalysis</i> , 2017 , 7, 7296-7304	13.1	71
149	Sulfoxonium Ylides as a Carbene Precursor in Rh(III)-Catalyzed C-H Acylmethylation of Arenes. <i>Organic Letters</i> , 2017 , 19, 5256-5259	6.2	139
148	Rhodium(III)-catalyzed synthesis of indanones via C-H activation of phenacyl phosphoniums and coupling with olefins. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 2114-2118	5.2	15
147	Rhodium(III)-Catalyzed Synthesis of Naphthols via C-H Activation of Sulfoxonium Ylides. <i>Organic Letters</i> , 2017 , 19, 4307-4310	6.2	101

146	Rhodium(III)-catalyzed selective access to isoindolinones via formal [4 + 1] annulation of arylamides and propargyl alcohols. <i>Chinese Journal of Catalysis</i> , 2017 , 38, 1390-1398	11.3	19
145	Rhodium(III)-Catalyzed C-H Activation of Nitrones and Annulative Coupling with Nitroalkenes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 9877-9884	4.2	24
144	Naphthol synthesis: annulation of nitrones with alkynes via rhodium(iii)-catalyzed C-H activation. <i>Chemical Communications</i> , 2017 , 53, 9640-9643	5.8	27
143	Rhodium-Catalyzed Site-Selective Coupling of Indoles with Diazo Esters: C4-Alkylation versus C2-Annulation. <i>Organic Letters</i> , 2017 , 19, 6184-6187	6.2	62
142	Copper-catalyzed amination of phenylboronic acids with benzofurazan 1-oxides. <i>Chinese Journal of Catalysis</i> , 2017 , 38, 1842-1850	11.3	
141	Synthesis of Cyclopentadienols by Rhodium-Catalyzed C-H Activation of 8-Formylquinolines and [2+2+1] Carbocyclization with Alkynes. <i>ACS Catalysis</i> , 2016 , 6, 6372-6376	13.1	22
140	Ruthenium(II)-Catalyzed C-H Activation of Imidamides and Divergent Couplings with Diazo Compounds: Substrate-Controlled Synthesis of Indoles and 3H-Indoles. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11877-81	16.4	98
139	Rhodium(III)-Catalyzed Regio- and Stereoselective C-H Allylation of Arenes with Vinyl Benzoxazinanes. <i>Organic Letters</i> , 2016 , 18, 4392-5	6.2	37
138	Ruthenium(II)-Catalyzed C-H Activation of Imidamides and Divergent Couplings with Diazo Compounds: Substrate-Controlled Synthesis of Indoles and 3H-Indoles. <i>Angewandte Chemie</i> , 2016 , 128, 12056-12060	3.6	24
137	Cooperative Co(III)/Cu(II)-Catalyzed C-N/N-N Coupling of Imidates with Anthranils: Access to 1H-Indazoles via C-H Activation. <i>Organic Letters</i> , 2016 , 18, 3662-5	6.2	104
136	Nitrone Directing Groups in Rhodium(III)-Catalyzed C-H Activation of Arenes: 1,3-Dipoles versus Traceless Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15351-15355	16.4	99
135	Rh(III)- and Zn(II)-Catalyzed Synthesis of Quinazoline N-Oxides via C-H Amidation-Cyclization of Oximes. <i>Organic Letters</i> , 2016 , 18, 6144-6147	6.2	69
134	Rhodium-Catalyzed Oxidative Synthesis of Quinoline-Fused Sydnone via 2-fold C-H Bond Activation. <i>Journal of Organic Chemistry</i> , 2016 , 81, 12038-12045	4.2	30
133	Rh(III)-Catalyzed C-C/C-N Coupling of Imidates with Diazo Imidamide: Synthesis of Isoquinoline-Fused Indoles. <i>Organic Letters</i> , 2016 , 18, 2914-7	6.2	69
132	Access to Structurally Diverse Quinoline-Fused Heterocycles via Rhodium(III)-Catalyzed C-C/C-N Coupling of Bifunctional Substrates. <i>Organic Letters</i> , 2016 , 18, 2812-5	6.2	107
131	Cobalt(III)-catalyzed efficient synthesis of indenones through carboannulation of benzoates and alkynes. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 813-816	5.2	52
130	Anthranil: An Aminating Reagent Leading to Bifunctionality for Both C(sp ³)-H and C(sp ²)-H under Rhodium(III) Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8696-700	16.4	170
129	Redox-Neutral Couplings between Amides and Alkynes via Cobalt(III)-Catalyzed C-H Activation. <i>Organic Letters</i> , 2016 , 18, 588-91	6.2	134

128	Rh(III)-Catalyzed Synthesis of N-Unprotected Indoles from Imidamides and Diazo Ketoesters via C-H Activation and C-C/C-N Bond Cleavage. <i>Organic Letters</i> , 2016 , 18, 700-3	6.2	109
127	Iridium(III)- and rhodium(III)-catalyzed coupling of anilines with β -diazoesters via chelation-assisted C-H activation. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 87-90	5.2	59
126	Rhodium(III)-Catalyzed Annulation between N-Sulfinyl Ketoimines and Activated Olefins: C-H Activation Assisted by an Oxidizing N-B Bond. <i>ACS Catalysis</i> , 2016 , 6, 1971-1980	13.1	65
125	Co(III)-Catalyzed Synthesis of Quinazolines via C-H Activation of N-Sulfinylimines and Benzimidates. <i>Organic Letters</i> , 2016 , 18, 1306-9	6.2	154
124	Formal Gold- and Rhodium-Catalyzed Regiodivergent C-H Alkynylation of 2-Pyridones. <i>Journal of Organic Chemistry</i> , 2016 , 81, 715-22	4.2	77
123	Rhodium(III)-Catalyzed Coupling of Arenes with Cyclopropanols via C-H Activation and Ring Opening. <i>ACS Catalysis</i> , 2016 , 6, 647-651	13.1	105
122	Iridium- and Rhodium-Catalyzed Carbocyclization between 2-Phenylimidazo[1,2-a]pyridine and β -Diazo Esters. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 880-886	5.6	45
121	Cobalt(III)-Catalyzed C-C Coupling of Arenes with 7-Oxabenzonorbornadiene and 2-Vinylloxirane via C-H Activation. <i>Organic Letters</i> , 2016 , 18, 3802-5	6.2	89
120	Rhodium-Catalyzed C-S and C-N Functionalization of Arenes: Combination of C-H Activation and Hypervalent Iodine Chemistry. <i>Chemistry - A European Journal</i> , 2016 , 22, 511-6	4.8	45
119	Anthranil: An Aminating Reagent Leading to Bifunctionality for Both C(sp ³)-H and C(sp ²)-H under Rhodium(III) Catalysis. <i>Angewandte Chemie</i> , 2016 , 128, 8838-8842	3.6	35
118	Cobalt(III)-Catalyzed Regio- and Stereoselective β -Fluoroalkenylation of Arenes with gem-Difluorostyrenes. <i>Organic Letters</i> , 2016 , 18, 6320-6323	6.2	104
117	Nitrene Directing Groups in Rhodium(III)-Catalyzed C-H Activation of Arenes: 1,3-Dipoles versus Traceless Directing Groups. <i>Angewandte Chemie</i> , 2016 , 128, 15577-15581	3.6	20
116	Iridium- and rhodium-catalyzed C-H activation and formyl arylation of benzaldehydes under chelation-assistance. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 5233-7	3.9	17
115	Synthesis of 1H-Indazoles from Imidates and Nitrosobenzenes via Synergistic Rhodium/Copper Catalysis. <i>Organic Letters</i> , 2016 , 18, 2102-5	6.2	61
114	Rhodium(III)-Catalyzed Mild Alkylation of (Hetero)Arenes with Cyclopropanols via C-H Activation and Ring Opening. <i>Journal of Organic Chemistry</i> , 2016 , 81, 4869-75	4.2	61
113	Mild Acylation of C(sp ³)-H and C(sp ²)-H Bonds under Redox-Neutral Rh(III) Catalysis. <i>ACS Catalysis</i> , 2016 , 6, 7744-7748	13.1	46
112	Transition metal-catalysed couplings between arenes and strained or reactive rings: combination of C-H activation and ring scission. <i>Chemical Society Reviews</i> , 2016 , 45, 6462-6477	58.5	242
111	Rhodium/copper-cocatalyzed annulation of benzylamines with diazo compounds: access to fused isoquinolines. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 1159-1162	5.2	21

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108	Rh(III)-catalyzed coupling of nitrones with alkynes for the synthesis of indolines. <i>Chinese Journal of Catalysis</i> , 2015 , 36, 925-932	11.3	24
107	Rh(III)-Catalyzed Trifluoromethylthiolation of Indoles via C-H Activation. <i>Journal of Organic Chemistry</i> , 2015 , 80, 8361-6	4.2	61
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105	Theoretical investigations on Rh(III)-catalyzed cross-dehydrogenative aryl-aryl coupling via C-H bond activation. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 2989-97	2.8	13
104	Mechanistic studies on C-H reductive coupling of five-coordinate Rh(III) complexes. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 783-791	5.2	6
103	Rh(III)-Catalyzed C-H Alkylation of Arenes Using Alkylboron Reagents. <i>Organic Letters</i> , 2015 , 17, 2812-5	6.2	95
102	Diaryliodoniums by Rhodium(III)-Catalyzed C-H Activation: Mild Synthesis and Diversified Functionalizations. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7405-9	16.4	56
101	Rh(III)-catalyzed oxidative annulation of 2-phenylimidazo[1,2-a]pyridines with alkynes: mono versus double C-H activation. <i>Journal of Organic Chemistry</i> , 2015 , 80, 3471-9	4.2	94
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94	Rhodium(III)-Catalyzed Amidation of Unactivated C(sp ³) ₂ -H Bonds. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13049-52	16.4	180
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