

List of Publications by Citations

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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.

189 papers	8,140 citations	47 h-index	83 g-index
198 ext. papers	9,409 ext. citations	8.9 avg, IF	6.61 L-index

#	Paper	IF	Citations
189	Oxidative C-H/C-H Coupling Reactions between Two (Hetero)arenes. <i>Chemical Reviews</i> , 2017 , 117, 8787-8863	16.4	725
188	Palladium(II)-catalyzed oxidative C-H/C-H cross-coupling of heteroarenes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1822-4	16.4	379
187	Recent progress in coupling of two heteroarenes. <i>Chemistry - A European Journal</i> , 2011 , 17, 5466-92	4.8	272
186	Copper-catalyzed direct C arylation of heterocycles with aryl bromides: discovery of fluorescent core frameworks. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3296-300	16.4	269
185	Rhodium-catalyzed annulation of arenes with alkynes through weak chelation-assisted C-H activation. <i>Chemical Communications</i> , 2016 , 52, 2872-84	5.8	207
184	Palladium-catalyzed oxidative C-H/C-H cross-coupling of indoles and pyrroles with heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5365-9	16.4	190
183	Rhodium or ruthenium-catalyzed oxidative C-H/C-H cross-coupling: direct access to extended π -conjugated systems. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 580-4	16.4	169
182	N-oxide as a traceless oxidizing directing group: mild rhodium(III)-catalyzed C-H olefination for the synthesis of ortho-alkenylated tertiary anilines. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12970-4	16.4	164
181	Molecular Engineering of Mechanochromic Materials by Programmed C-H Arylation: Making a Counterpoint in the Chromism Trend. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12803-12812	16.4	152
180	Unparalleled Ease of Access to a Library of Biheteroaryl Fluorophores via Oxidative Cross-Coupling Reactions: Discovery of Photostable NIR Probe for Mitochondria. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4730-8	16.4	138
179	Rhodium(III)-Catalyzed ortho-Heteroarylation of Phenols through Internal Oxidative C-H Activation: Rapid Screening of Single-Molecular White-Light-Emitting Materials. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14008-12	16.4	125
178	Chelation-assisted Rh(III)-catalyzed C2-selective oxidative C-H/C-H cross-coupling of indoles/pyrroles with heteroarenes. <i>Chemical Science</i> , 2013 , 4, 1964	9.4	123
177	Helical nonracemic tubular coordination polymer gelators from simple achiral molecules. <i>Chemical Communications</i> , 2008 , 6170-2	5.8	120
176	A general method to diverse cinnolines and cinnolinium salts. <i>Chemistry - A European Journal</i> , 2013 , 19, 6239-44	4.8	114
175	Rh(III)-catalyzed decarboxylative ortho-heteroarylation of aromatic carboxylic acids by using the carboxylic acid as a traceless directing group. <i>Organic Letters</i> , 2015 , 17, 1762-5	6.2	107
174	Rhodium(III)-Catalyzed ortho C-H Heteroarylation of (Hetero)aromatic Carboxylic Acids: A Rapid and Concise Access to π -Conjugated Poly-heterocycles. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7167-70	16.4	106
173	Cobalt-Catalyzed Oxidative C-H/C-H Cross-Coupling between Two Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10414-8	16.4	102

172	Pd-catalyzed oxidative C _H /C _H cross-coupling of pyridines with heteroarenes. <i>Chemical Science</i> , 2013 , 4, 2163	9.4	102
171	Iron-catalyzed oxidative C-H/C-H cross-coupling: an efficient route to β -quaternary β -amino acid derivatives. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12942-5	16.4	99
170	Highly selective fluorescent recognition of sulfate in water by two rigid tetrakisimidazolium macrocycles with peripheral chains. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14908-11	16.4	98
169	Rhodium(III)-Catalyzed Activation of C(sp ³)-H Bonds and Subsequent Intermolecular Amidation at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9404-8	16.4	95
168	Radical cascade cyanomethylation of activated alkenes to construct cyano substituted oxindoles. <i>Chemical Communications</i> , 2014 , 50, 15049-51	5.8	94
167	Aldehyde as a Traceless Directing Group for Rh(III)-Catalyzed C-H Activation: A Facile Access to Diverse Indolo[1,2-a]quinolines. <i>Organic Letters</i> , 2015 , 17, 2936-9	6.2	93
166	A palladium/copper bimetallic catalytic system: dramatic improvement for Suzuki-Miyaura-type direct C-H arylation of azoles with arylboronic acids. <i>Chemistry - A European Journal</i> , 2010 , 16, 11836-9	4.8	92
165	Use of the Wilkinson catalyst for the ortho-C-H heteroarylation of aromatic amines: facile access to highly extended β -conjugated heteroarenes for organic semiconductors. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12158-62	16.4	79
164	Elements of regiocontrol in the direct heteroarylation of indoles/pyrroles: synthesis of bi- and fused polycyclic heteroarenes by twofold or tandem fourfold C-H activation. <i>Chemistry - A European Journal</i> , 2012 , 18, 16616-20	4.8	79
163	From Mono-Triazolium Salt to Bis-Triazolium Salt: Improvement of the Asymmetric Intermolecular Benzoin Condensation. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 2645-2651	5.6	78
162	Copper(II)-catalyzed dehydrogenative cross-coupling between two azoles. <i>Journal of Organic Chemistry</i> , 2012 , 77, 7677-83	4.2	73
161	Palladium(II)-catalyzed oxidative C-H/C-H cross-coupling between two structurally similar azoles. <i>Chemistry - A European Journal</i> , 2012 , 18, 6158-62	4.8	71
160	Nickel-Catalyzed Addition-Type Alkenylation of Unactivated, Aliphatic C-H Bonds with Alkynes: A Concise Route to Polysubstituted β -butyrolactones. <i>Organic Letters</i> , 2015 , 17, 2546-9	6.2	68
159	Regioselective decarboxylative direct C-H arylation of boron dipyrromethenes (BODIPYs) at 2,6-positions: a facile access to a diversity-oriented BODIPY library. <i>Organic Letters</i> , 2014 , 16, 6080-3	6.2	68
158	Unexpected regioselective carbon-hydrogen bond activation/cyclization of indolyl aldehydes or ketones with alkynes to benzo-fused oxindoles. <i>Nature Communications</i> , 2014 , 5, 5030	17.4	68
157	Rh/Cu-Catalyzed Cascade [4+2] Vinylic C-H O-Annulation and Ring Contraction of β -Aryl Enones with Alkynes in Air. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4286-4289	16.4	67
156	Iridium-Catalyzed Direct Regioselective C4-Amidation of Indoles under Mild Conditions. <i>Organic Letters</i> , 2017 , 19, 2502-2505	6.2	65
155	Stoichiometric to catalytic reactivity of the aryl cycloaurated species with arylboronic acids: insight into the mechanism of gold-catalyzed oxidative C(sp)-H arylation. <i>Chemical Science</i> , 2015 , 6, 288-293	9.4	64

- 154 Dual-emissive 2-(2-Hydroxyphenyl)oxazoles for high performance organic electroluminescent devices: discovery of a new equilibrium of excited state intramolecular proton transfer with a reverse intersystem crossing process. *Chemical Science*, **2018**, 9, 1213-1220 9.4 64
- 153 Rhodium or Ruthenium-Catalyzed Oxidative C²H/C²H Cross-Coupling: Direct Access to Extended E-Conjugated Systems. *Angewandte Chemie*, **2013**, 125, 608-612 3.6 62
- 152 Synthesis of Phenalenyl-Fused Pyrylium Cations: Divergent C-H Activation/Annulation Reaction Sequence of Naphthalene Aldehydes with Alkynes. *Angewandte Chemie - International Edition*, **2017**, 56, 13094-13098 16.4 62
- 151 Nickel Catalysis Enables Oxidative C(sp²)-H/C(sp²)-H Cross-Coupling Reactions between Two Heteroarenes. *Angewandte Chemie - International Edition*, **2016**, 55, 12275-9 16.4 62
- 150 Unexpected Sole Enol-Form Emission of 2-(2'-Hydroxyphenyl)oxazoles for Highly Efficient Deep-Blue-Emitting Organic Electroluminescent Devices. *Advanced Functional Materials*, **2017**, 27, 1605245 15.6 61
- 149 Rh(III)-Catalyzed Regio- and Chemoselective [4 + 1]-Annulation of Azoxy Compounds with Diazoesters for the Synthesis of 2H-Indazoles: Roles of the Azoxy Oxygen Atom. *Organic Letters*, **2017**, 19, 2777-2780 6.2 61
- 148 Coordinating activation strategy for C(sp³)-H/C(sp³)-H cross-coupling to access E-aromatic E-amino acids. *Nature Communications*, **2015**, 6, 8404 17.4 60
- 147 Discovery of Selective Histone Deacetylase 6 Inhibitors Using the Quinazoline as the Cap for the Treatment of Cancer. *Journal of Medicinal Chemistry*, **2016**, 59, 1455-70 8.3 59
- 146 Cation-Anion Interaction-Directed Molecular Design Strategy for Mechanochromic Luminescence. *Advanced Functional Materials*, **2014**, 24, 747-753 15.6 56
- 145 Aerobic Copper-Promoted Radical-Type Cleavage of Coordinated Cyanide Anion: Nitrogen Transfer to Aldehydes To Form Nitriles. *Journal of the American Chemical Society*, **2016**, 138, 2885-8 16.4 55
- 144 Palladium-catalyzed C-H activation of anilides at room temperature: ortho-arylation and acetoxylation. *RSC Advances*, **2013**, 3, 9649 3.7 52
- 143 Copper-Catalyzed Intramolecular Dehydrogenative Amidation of Unactivated C(sp³)-H Bonds Using O₂ as the Sole Oxidant. *Journal of Organic Chemistry*, **2015**, 80, 8424-9 4.2 50
- 142 Rhodium/Copper Cocatalyzed Highly trans-Selective 1,2-Diheteroarylation of Alkynes with Azoles via C-H Addition/Oxidative Cross-Coupling: A Combined Experimental and Theoretical Study. *Journal of the American Chemical Society*, **2017**, 139, 15724-15737 16.4 47
- 141 Molecular Design of Non-doped OLEDs Based on a Twisted Heptagonal Acceptor: A Delicate Balance between Rigidity and Rotatability. *Angewandte Chemie - International Edition*, **2020**, 59, 9992-9996 16.4 47
- 140 Two-Fold C-H/C-H Cross-Coupling Using RhCl(BH₃)₃ as the Catalyst: Direct Fusion of N-(Hetero)arylimidazolium Salts and (Hetero)arenes. *Journal of the American Chemical Society*, **2018**, 140, 12566-12573 16.4 47
- 139 Ruthenium-Catalyzed Intermolecular Direct Silylation of Unreactive C(sp³)-H Bonds. *Organic Letters*, **2016**, 18, 666-8 6.2 46
- 138 Porphyrins with intense absorptivity: highly efficient sensitizers with a photovoltaic efficiency of up to 10.7% without a cosensitizer and a coabsorbate. *Journal of Materials Chemistry A*, **2016**, 4, 11829-11834 12 45
- 137 Chelation-assisted Pd-catalysed ortho-selective oxidative C-H/C-H cross-coupling of aromatic carboxylic acids with arenes and intramolecular Friedel-Crafts acylation: one-pot formation of fluorenones. *Chemical Communications*, **2016**, 52, 3635-8 5.8 45

136	Iridium-Catalyzed Oxidative Heteroarylation of Arenes and Alkenes: Overcoming the Restriction to Specific Substrates. <i>ACS Catalysis</i> , 2018 , 8, 8709-8714	13.1	45
135	Pd-catalyzed C-H carbonylation of (hetero)arenes with formates and intramolecular dehydrogenative coupling: a shortcut to indolo[3,2-c]coumarins. <i>Organic Letters</i> , 2014 , 16, 5862-5	6.2	44
134	Rhodium(III)-Catalyzed Annulation of Pyridinones with Alkynes via Double C-H Activation: A Route to Functionalized Quinolizinones. <i>Organic Letters</i> , 2017 , 19, 3083-3086	6.2	43
133	Crystal Water of Cadmium Acetate-Dependent Formation of One-Dimensional Channel Structure Based on 4,4'-bis(1-Imidazolyl)biphenyl. <i>Crystal Growth and Design</i> , 2008 , 8, 3134-3136	3.5	43
132	C2/C4 Regioselective Heteroarylation of Indoles by Tuning C ₆ H ₅ Metalation Modes. <i>ACS Catalysis</i> , 2019 , 9, 6372-6379	13.1	42
131	An AIE active monoimidazolium skeleton: high selectivity and fluorescence turn-on for H ₂ O ₂ in acetonitrile and ClO ₂ in water. <i>Chemical Communications</i> , 2014 , 50, 5623-5	5.8	42
130	Rh(III)-catalyzed oxime ether-directed heteroarylation of arene through oxidative C-H/C-H cross-coupling. <i>Chemical Communications</i> , 2015 , 51, 6190-3	5.8	42
129	Iridium-Catalyzed Annulation Reactions of Thiophenes with Carboxylic Acids: Direct Evidence for a Heck-type Pathway. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6309-6313	16.4	41
128	Molecular design of thermally activated delayed fluorescent emitters for narrowband orange-red OLEDs boosted by a cyano-functionalization strategy. <i>Chemical Science</i> , 2021 , 12, 9408-9412	9.4	41
127	Facile access to extremely efficient energy-transfer pairs via an unexpected reaction of squaraines with ketones. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11868-71	16.4	39
126	Rh(III)-Catalyzed [4 + 1]-Annulation of Azoxy Compounds with Alkynes: A Regioselective Approach to 2H-Indazoles. <i>Organic Letters</i> , 2017 , 19, 2781-2784	6.2	37
125	Novel Ruthenium Sensitizers with a Phenothiazine Conjugated Bipyridyl Ligand for High-Efficiency Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 27831-7	9.5	37
124	Cascade C-H Annulation of Aldoximes with Alkynes Using O as the Sole Oxidant: One-Pot Access to Multisubstituted Protoberberine Skeletons. <i>Organic Letters</i> , 2017 , 19, 604-607	6.2	35
123	Cu-catalysed oxidative C-H/C-H coupling polymerisation of benzodiimidazoles: an efficient approach to regioregular polybenzodiimidazoles for blue-emitting materials. <i>Chemical Communications</i> , 2014 , 50, 13739-41	5.8	33
122	Concise Synthesis of Polysubstituted Carbohelicenes by a C-H Activation/Radical Reaction/C-H Activation Sequence. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 302-306	16.4	33
121	RhCl ₃ -Catalyzed Oxidative C ₆ H ₅ /C ₆ H ₅ Cross-Coupling of (Hetero)aromatic Sulfonamides with (Hetero)arenes. <i>ACS Catalysis</i> , 2018 , 8, 1796-1801	13.1	32
120	Rhodium-Catalyzed Oxidative Coupling of Benzoic Acids with Terminal Alkynes: An Efficient Access to 3-Ylidenephthalides. <i>Organometallics</i> , 2016 , 35, 1350-1353	3.8	32
119	Ligand-switching and counteranion-induced hierarchical self-assembly of silver-NHC complexes. <i>Chemical Science</i> , 2012 , 3, 359-363	9.4	32

118	Oxidative C-H/C-H Cross-Coupling Reactions between N-Acylanilines and Benzamides Enabled by a Cp*-Free RhCl/TFA Catalytic System. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9108-9112	16.4	32
117	Transition-metal-free formal decarboxylative coupling of α -oxocarboxylates with α -bromoketones under neutral conditions: a simple access to 1,3-diketones. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 855-9	16.4	31
116	Rhodium(III)-Catalyzed ortho C-H Heteroarylation of (Hetero)aromatic Carboxylic Acids: A Rapid and Concise Access to β -Conjugated Poly-heterocycles. <i>Angewandte Chemie</i> , 2015 , 127, 7273-7276	3.6	31
115	Palladium-Catalyzed Annulation of Internal Alkynes: Direct Access to β -Conjugated Ullazines. <i>Organic Letters</i> , 2016 , 18, 2876-9	6.2	30
114	Cu-catalyzed controllable C-H mono-/di-/triarylations of imidazolium salts for ionic functional materials. <i>Chemical Communications</i> , 2017 , 53, 3489-3492	5.8	29
113	Spontaneous Counterion-Induced Vesicle Formation: Multivalent Binding to Europium(III) for a Wide-Range Optical pH Sensor. <i>Advanced Functional Materials</i> , 2014 , 24, 6204-6209	15.6	29
112	Use of the Wilkinson Catalyst for the ortho-C-H Heteroarylation of Aromatic Amines: Facile Access to Highly Extended β -Conjugated Heteroacenes for Organic Semiconductors. <i>Angewandte Chemie</i> , 2014 , 126, 12354-12358	3.6	29
111	Rhodium(III)-Catalyzed Oxidative Cross-Coupling of Unreactive C(sp)-H Bonds with C(sp)-H Bonds. <i>Organic Letters</i> , 2017 , 19, 4782-4785	6.2	29
110	Rhodium(III)-Catalyzed ortho-Heteroarylation of Phenols through Internal Oxidative C-H Activation: Rapid Screening of Single-Molecular White-Light-Emitting Materials. <i>Angewandte Chemie</i> , 2015 , 127, 14214-14218	3.6	29
109	Multicomponent Reactions of Pyridines To Give Ring-Fused Pyridiniums: In Situ Activation Strategy Using 1,2-Dichloroethane as a Vinyl Equivalent. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 254-258	16.4	29
108	Pd-Catalyzed Direct C-H Functionalization/Annulation of BODIPYs with Alkynes to Access Unsymmetrical Benzo[b]-Fused BODIPYs: Discovery of Lysosome-Targeted Turn-On Fluorescent Probes. <i>Journal of Organic Chemistry</i> , 2018 , 83, 9538-9546	4.2	28
107	Palladium-catalyzed direct ortho-C-H ethoxycarboxylation of anilides at room temperature. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 347	5.2	28
106	Cascade C-H Annulation Reaction of Benzaldehydes, Anilines, and Alkynes toward Dibenzo[a, f]quinolizinium Salts: Discovery of Photostable Mitochondrial Trackers at the Nanomolar Level. <i>Organic Letters</i> , 2018 , 20, 7071-7075	6.2	28
105	Experimental and Theoretical Studies on Ru(II)-Catalyzed Oxidative C-H/C-H Coupling of Phenols with Aromatic Amides Using Air as Oxidant: Scope, Synthetic Applications, and Mechanistic Insights. <i>ACS Catalysis</i> , 2018 , 8, 8324-8335	13.1	27
104	Crystallization-Induced Reversal from Dark to Bright Excited States for Construction of Solid-Emission-Tunable Squaraines. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10136-10142	16.4	27
103	Annulation cascade of aryl nitriles with alkynes to stable delocalized PAH carbocations intramolecular rhodium migration. <i>Chemical Science</i> , 2018 , 9, 5488-5493	9.4	27
102	Cascade Oxidative Coupling/Cyclization: A Gateway to 3-Amino Polysubstituted Five-Membered Heterocycles. <i>Journal of Organic Chemistry</i> , 2016 , 81, 2327-39	4.2	26
101	Copper- or Nickel-Enabled Oxidative Cross-Coupling of Unreactive C(sp)-H Bonds with Azole C(sp)-H Bonds: Rapid Access to β -Azolyl Propanoic Acid Derivatives. <i>Organic Letters</i> , 2017 , 19, 4830-4833	6.2	26

100	A new perylene diimide-based colorimetric and fluorescent sensor for selective detection of Cu ²⁺ cation. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 518-522		26
99	Nickel-Catalyzed Aminoxylation of Inert Aliphatic C(sp) ³ -H Bonds with Stable Nitroxyl Radicals under Air: One-Pot Route to α -Formyl Acid Derivatives. <i>Organic Letters</i> , 2017 , 19, 1690-1693	6.2	25
98	Synthesis of trifluoromethylthiolated azacalix[1]arene[3]pyridines from the Cu(II)-mediated direct trifluoromethylthiolation reaction of arenes via reactive arylcopper(III) intermediates. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 880-886	5.2	25
97	Syngas-Free Highly Regioselective Rhodium-Catalyzed Transfer Hydroformylation of Alkynes to β -Unsaturated Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7440-7444	16.4	24
96	Rh-Catalysed direct cyclisation of 1,4-naphthoquinone and 9,10-phenanthraquinone with alkyne: facile access to 1,8-dioxapyrenes and 1,12-dioxaperylenes as orange and red-emitting luminophores. <i>Chemical Communications</i> , 2015 , 51, 6337-9	5.8	24
95	Rhodium(III)-catalyzed C(sp ³) β Amidation of 8-Methylquinolines with Amides at Room Temperature. <i>Chemistry Letters</i> , 2015 , 44, 1685-1687	1.7	23
94	Silver-mediated direct C-H amination of BODIPYs for screening endoplasmic reticulum-targeting reagents. <i>Chemical Communications</i> , 2018 , 54, 3219-3222	5.8	22
93	A facile access to substituted cationic 12-azapyrene salts by rhodium(III)-catalyzed C β annulation of N-arylpyridinium salts. <i>RSC Advances</i> , 2016 , 6, 66407-66411	3.7	22
92	Palladium-catalyzed denitrative Sonogashira-type cross-coupling of nitrobenzenes with terminal alkynes. <i>Chemical Communications</i> , 2020 , 56, 790-793	5.8	22
91	An air-stable half-sandwich Ru(II) complex as an efficient catalyst for [3+2] annulation of 2-arylcyco-2-enones with alkynes. <i>Chemical Communications</i> , 2016 , 52, 4613-6	5.8	21
90	Rhodium-catalyzed γ -heteroarylation of phenols: directing group-enabled switching of the electronic bias for heteroaromatic coupling partner. <i>Chemical Science</i> , 2018 , 9, 6878-6882	9.4	21
89	Rhodium-catalyzed oxidative C-H/C-H cross-coupling of aniline with heteroarene: N-nitroso group enabled mild conditions. <i>Chemical Communications</i> , 2018 , 54, 7794-7797	5.8	21
88	Triazolotriazine-based thermally activated delayed fluorescence materials for highly efficient fluorescent organic light-emitting diodes (TSF-OLEDs). <i>Science Bulletin</i> , 2021 , 66, 441-448	10.6	21
87	Rational design of a fluorescent poly(N-aryleneindole ether sulfone) switch by cation π interactions. <i>Polymer Chemistry</i> , 2015 , 6, 697-702	4.9	20
86	Direct arylation of phenanthroline derivatives via oxidative C-H/C-H cross-coupling: synthesis and discovery of excellent ligands. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1290-3	3.9	20
85	Rapid Access to 2,2PBithiazole-Based Copolymers via Sequential Palladium-Catalyzed C-H/C-X and C-H/C-H Coupling Reactions. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 794-8	4.8	19
84	Room-Temperature Coupling/Decarboxylation Reaction of α -Oxocarboxylates with β -Bromoketones: Solvent-Controlled Regioselectivity for 1,2- and 1,3-Diketones. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1403-1411	4.2	18
83	Rh/Ag-Mediated Peri-Selective Heteroarylation/Single Electron Transfer Annulation Cascade of 1-(Methylthio)naphthalenes and Analogues: Road Less Traveled to Benzo[de]thioacenes. <i>ACS Catalysis</i> , 2019 , 9, 6188-6193	13.1	18

82	Highly Regio- and Chemoselective Oxidative C _H /C _H Cross-Couplings of Anilines and Phenols Enabled by a Co-Oxidant-Free Rh(I)/Zn(NTf ₂) ₂ /Air Catalytic System. <i>ACS Catalysis</i> , 2019 , 9, 5358-5364	13.1	18
81	Biomimetic crystallization of calcium carbonate spherules controlled by hyperbranched polyglycerols. <i>Journal of Materials Chemistry</i> , 2008 , 18, 2789		18
80	A methylation platform of unconventional inert aryl electrophiles: trimethylboroxine as a universal methylating reagent. <i>Chemical Science</i> , 2020 , 11, 6031-6035	9.4	18
79	Oxygen- and Nitrogen-Embedded Zigzag Hydrocarbon Belts. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23649-23658	16.4	17
78	Transient directing ligand- and solvent-controlled C-H/C-H cross-coupling/quaternization cyclization/dequaternization of benzaldehydes with thiophenes. <i>Chemical Communications</i> , 2019 , 55, 7518-7521	5.8	16
77	Oxidative Direct Arylation Polymerization Using Oxygen as the Sole Oxidant: Facile, Green Access to Bithiazole-Based Polymers. <i>ChemSusChem</i> , 2016 , 9, 2765-2768	8.3	16
76	Highly Chemo-, Regio- and E/Z-Selective Intermolecular Heck-Type Dearomative [2 + 2 + 1] Spiroannulation of Alkyl Bromoarenes with Internal Alkynes. <i>Organic Letters</i> , 2019 , 21, 1152-1155	6.2	15
75	Build-up of double carbohelicenes using nitroarenes: dual role of the nitro functionality as an activating and leaving group. <i>Chemical Science</i> , 2020 , 11, 7424-7428	9.4	15
74	Synthesis of New Chiral Macrocyclic Tetraoxo Polyamines Containing Pyridine Ring and Functional Arms. <i>Synthetic Communications</i> , 1999 , 29, 2447-2455	1.7	15
73	Rh(III)-catalyzed chemoselective C-H functionalizations of tertiary aniline N-oxides with alkynes. <i>Chemical Communications</i> , 2016 , 52, 6253-6	5.8	15
72	Rhodium-Catalyzed C-H/C-H Cross Coupling of Benzylthioethers or Benzylamines with Thiophenes Enabled by Flexible Directing Groups. <i>Organic Letters</i> , 2019 , 21, 5086-5090	6.2	14
71	Co(III)-catalyzed Z-selective oxidative C-H/C-H cross-coupling of alkenes with triisopropylsilylacetylene. <i>Chemical Communications</i> , 2019 , 55, 6118-6121	5.8	14
70	Oxygen as an oxidant in palladium/copper-cocatalyzed oxidative C-H/C-H cross-coupling between two heteroarenes. <i>Science China Chemistry</i> , 2015 , 58, 1292-1296	7.9	14
69	Multicomponent Reactions of Pyridines To Give Ring-Fused Pyridiniums: In Situ Activation Strategy Using 1,2-Dichloroethane as a Vinyl Equivalent. <i>Angewandte Chemie</i> , 2019 , 131, 260-264	3.6	14
68	Rh(III)-Catalyzed regioselective C _H [4 + 2] C-annulation of vinyl enaminones with alkynes to form polysubstituted salicylaldehydes. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2875-2879	5.2	14
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