

Recent advances in radical-based C–N bond formation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A photoredox catalyzed iminyl radical-triggered C=C bond cleavage/addition/Kornblum oxidation cascade of oxime esters and styrenes: synthesis of ketonitriles. <i>Chemical Communications</i> , 2018, 54, 12262-12265.	2.2	79
2	A Visible-Light-Promoted Metal-Free Strategy towards Arylphosphonates: Organic-Dye-Catalyzed Phosphorylation of Arylhydrazines with Trialkylphosphites. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4807-4813.	2.1	82
3	Photocatalytic Hydrogen-Evolving Cross-Coupling of Arenes with Primary Amines. <i>Organic Letters</i> , 2018, 20, 7753-7757.	2.4	27
4	Organic Dye-Catalyzed, Visible-Light Photoredox Bromination of Arenes and Heteroarenes Using N-Bromosuccinimide. <i>ACS Omega</i> , 2018, 3, 12868-12877.	1.6	50
5	RuHCl(CO)(PPh <sub>3</sub> ) <sub>3</sub> -Catalyzed Direct Amidation of Arene C-H Bond with Azides. <i>Journal of Organic Chemistry</i> , 2018, 83, 13811-13820.	1.7	23
6	Metal-Free C(sp <sup>2</sup> )-H/N-H Cross-Dehydrogenative Coupling of Quinoxalinones with Aliphatic Amines under Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2018, 20, 7125-7130.	2.4	213
7	Metal- and photocatalyst-free visible-light-promoted regioselective selenylation of coumarin derivatives via oxidation-induced C-H functionalization. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2974-2979.	2.3	85
8	Cathode Material Determines Product Selectivity for Electrochemical C-H Functionalization of Biaryl Ketoximes. <i>Angewandte Chemie</i> , 2018, 130, 15373-15376.	1.6	32
9	Cathode Material Determines Product Selectivity for Electrochemical C-H Functionalization of Biaryl Ketoximes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15153-15156.	7.2	112
10	Remote Site-Specific Radical Alkynylation of Unactivated C-H Bonds. <i>Organic Letters</i> , 2018, 20, 5817-5820.	2.4	50
11	Catalytic Alkene Difunctionalization via Imidate Radicals. <i>Journal of the American Chemical Society</i> , 2018, 140, 11202-11205.	6.6	101
12	Copper-catalyzed C-N bond formation with imidazo[1,2-a]pyridines. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6655-6658.	1.5	28
13	Amidyl Radicals by Oxidation of $\alpha$ -Amido $\alpha$ -Oxy Acids: Transition-Metal-Free Amidofluorination of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10707-10711.	7.2	89
14	Iodine-catalyzed synthesis of N,N'-diaryl-N-phenylenediamines from cyclohexanones and anilines using DMSO and O <sub>2</sub> as oxidants. <i>Chemical Communications</i> , 2018, 54, 9679-9682.	2.2	24
15	Visible-Light-Mediated Remote C(sp <sup>3</sup> )-H Functionalization of Alkylimidates: Synthesis of 4-Iodo-3,4-dihydropyrrole Derivatives. <i>Organic Letters</i> , 2018, 20, 4964-4969.	2.4	33
16	Photocatalytic Neophyl Rearrangement and Reduction of Distal Carbon Radicals by Iminyl Radical-Mediated C-C Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3601-3606.	2.1	53
17	Metal-Free C(sp <sup>3</sup> )-H Azidation in a Radical Strategy for the Synthesis of 3-Azido-2-oxindoles at Room Temperature. <i>Journal of Organic Chemistry</i> , 2018, 83, 11074-11079.	1.7	26
18	Recent Advances in Radical-Enabled Bicyclization and Annulation/1,2-Bifunctionalization Reactions. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2958-2977.	1.7	131

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19	A photocatalytic iminyl radical-mediated C=C bond cleavage/addition/cyclization cascade for the synthesis of 1,2,3,4-tetrahydrophenanthrenes. <i>Chemical Communications</i> , 2018, 54, 9925-9928.	2.2	76
20	Transition Metal-Controlled Direct Regioselective Intermolecular Amidation of C-H Bonds with Azodicarboxylates: Scope, Mechanistic Studies, and Applications. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4205-4214.	2.1	13
21	Unexpected Decarboxylation-Triggered Hydroxyl-Controlled Redox Condensation of Phenylglycines with Nitrophenols in Aqueous Media. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3055-3062.	2.1	15
22	Amidyl Radicals by Oxidation of Amidoxy Acids: Transition-Metal-Free Amidofluorination of Unactivated Alkenes. <i>Angewandte Chemie</i> , 2018, 130, 10867-10871.	1.6	26
23	Electrochemical oxidative cyclization of activated alkynes with diselenides or disulfides: access to functionalized coumarins or quinolinones. <i>Green Chemistry</i> , 2019, 21, 4706-4711.	4.6	92
24	Light-Driven Intramolecular C-N Cross-Coupling via a Long-Lived Photoactive Photoisomer Complex. <i>Angewandte Chemie</i> , 2019, 131, 14808-14814.	1.6	9
25	Light-Driven Intramolecular C-N Cross-Coupling via a Long-Lived Photoactive Photoisomer Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14666-14672.	7.2	45
26	Electrochemical Arylation of Electron-Deficient Arenes through Reductive Activation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15747-15751.	7.2	54
27	Tunable Synthesis of 3-Hydroxyisoquinolin-1,4-dione and Isoquinolin-1-one Enabled by Copper-Catalyzed Radical 6-endo Aza-cyclization of 2-Alkynylbenzamide. <i>Journal of Organic Chemistry</i> , 2019, 84, 11763-11773.	1.7	36
28	Asymmetric Induction and Enantiodivergence in Catalytic Radical C-H Amination via Enantiodifferentiative H-Atom Abstraction and Stereoretentive Radical Substitution. <i>Journal of the American Chemical Society</i> , 2019, 141, 12388-12396.	6.6	112
29	Photochemical C-H Amination of Ethers and Geminal Difunctionalization Reactions in One Pot. <i>Angewandte Chemie</i> , 2019, 131, 12570-12575.	1.6	9
30	Transition-metal- and oxidant-free directed anodic C-H sulfonylation of <i>N,N</i> -disubstituted anilines with sulfinates. <i>Chemical Communications</i> , 2019, 55, 8995-8998.	2.2	77
31	Reactivity Tuning for Radical-Radical Cross-Coupling via Selective Photocatalytic Energy Transfer: Access to Amine Building Blocks. <i>ACS Catalysis</i> , 2019, 9, 10454-10463.	5.5	74
32	Directed Copper-Catalyzed Intermolecular Aminative Difunctionalization of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 18475-18485.	6.6	81
33	Metal-Free One-Pot Three-Component Synthesis of Quinazoline Derivatives via Peroxide-Mediated Direct Oxidative Amination of C(sp <sup>3</sup> )-H Bonds. <i>ChemistrySelect</i> , 2019, 4, 11808-11814.	0.7	0
34	Decarboxylative C <sup>3</sup> -N Bond Formation by Electrochemical Oxidation of Amino Acids. <i>Organic Letters</i> , 2019, 21, 9262-9267.	2.4	51
35	Electrochemical Arylation of Electron-Deficient Arenes through Reductive Activation. <i>Angewandte Chemie</i> , 2019, 131, 15894-15898.	1.6	12
36	Heterocycles via Cross Dehydrogenative Coupling. , 2019, , .		9

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37	Synthesis and identification of heteroaromatic N-benzyl sulfonamides as potential anticancer agents. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8391-8402.	1.5	6
38	Synthesis of Isoxazolidines by Intramolecular Hydroamination of <i>N</i> -Alkoxyamides in the Presence of a Visible-Light Photoredox Catalyst. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1447-1449.	2.0	6
39	Transition-metal-free Intramolecular C-H amination of sulfamate esters and <i>N</i> -alkylsulfamides. <i>Chemical Communications</i> , 2019, 55, 11782-11785.	2.2	19
40	Visible light induced alkene aminopyridylation using <i>N</i> -aminopyridinium salts as bifunctional reagents. <i>Nature Communications</i> , 2019, 10, 4117.	5.8	137
41	Visible-Light-Induced Copper-Catalyzed Intermolecular Markovnikov Hydroamination of Alkenes. <i>Organic Letters</i> , 2019, 21, 7873-7877.	2.4	29
42	Electrochemically Enabled C3-Formylation and -Acylation of Indoles with Aldehydes. <i>Organic Letters</i> , 2019, 21, 7702-7707.	2.4	14
43	Visible-Light-Driven Synthesis of 1,3,4-Trisubstituted Pyrroles from Aryl Azides. <i>Organic Letters</i> , 2019, 21, 7782-7786.	2.4	20
44	Metal- and acid-free, TBN-mediated direct C-H nitration of arenes. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 896-902.	2.4	3
45	Visible light driven metal-free intramolecular cyclization: a facile synthesis of 3-position substituted 3,4-dihydroisoquinolin-1(2H)-one. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 380-387.	1.5	16
46	Electrochemical Radical Selenylation/1,2-Carbon Migration and Dowd Beckwith-Type Ring-Expansion Sequences of Alkenylcyclobutanols. <i>Organic Letters</i> , 2019, 21, 1021-1025.	2.4	81
47	Electrochemical oxidative selenylation of imidazo[1,2- <i>a</i> ]pyridines with diselenides. <i>Tetrahedron Letters</i> , 2019, 60, 739-742.	0.7	42
48	Catalytic $\hat{I}^2$ C-H amination <i>via</i> an imidate radical relay. <i>Chemical Science</i> , 2019, 10, 2693-2699.	3.7	67
49	Copper-Catalyzed Three-Component Carboamination of Arynes: Expedient Synthesis of <i>o</i> -Alkynyl Anilines and <i>o</i> -Benzoxazolyl Anilines. <i>Organic Letters</i> , 2019, 21, 4250-4254.	2.4	21
50	Organic Electrosynthesis: Applications in Complex Molecule Synthesis. <i>ChemElectroChem</i> , 2019, 6, 4067-4092.	1.7	143
51	Photochemical C-H Amination of Ethers and Geminal Difunctionalization Reactions in One Pot. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12440-12445.	7.2	23
52	Visible-light-induced deoxygenative C2-sulfonylation of quinoline <i>N</i> -oxides with sulfinic acids. <i>Green Chemistry</i> , 2019, 21, 3858-3863.	4.6	175
53	De Novo Synthesis of Highly Functionalized Benzimidazolones and Benzoxazolones through an Electrochemical Dehydrogenative Cyclization Cascade. <i>Angewandte Chemie</i> , 2019, 131, 9115-9119.	1.6	14
54	Merging photoredox catalysis with transition metal catalysis: Direct C4-H amination of 8-hydroxyquinoline derivatives. <i>Tetrahedron</i> , 2019, 75, 3904-3910.	1.0	3

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55	Amplification of Trichloroisocyanuric Acid (TCCA) Reactivity for Chlorination of Arenes and Heteroarenes via Catalytic Organic Dye Activation. <i>Organic Letters</i> , 2019, 21, 4229-4233.	2.4	33
56	Câ€N Coupling of Azoles or Imides with Carbocations Generated by Electrochemical Oxidation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4089-4094.	1.2	22
57	Visible-Light-Driven Neutral Nitrogen Radical Mediated Intermolecular Styrene Difunctionalization. <i>Organic Letters</i> , 2019, 21, 3861-3865.	2.4	18
58	Metal-free cross-dehydrogenative Câ€N coupling of azoles with xanthenes and related activated arylmethylenes. <i>Synthetic Communications</i> , 2019, 49, 2053-2065.	1.1	6
59	De Novo Synthesis of Highly Functionalized Benzimidazolones and Benzoxazolones through an Electrochemical Dehydrogenative Cyclization Cascade. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9017-9021.	7.2	65
60	Visible light driven, nickel-catalyzed aryl esterification using a triplet photosensitiser thioxanthen-9-one. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2353-2359.	2.3	45
61	Recent advances of 1,2,3,5-tetrakis(carbazol-9-yl)-4,6-dicyanobenzene (4CzIPN) in photocatalytic transformations. <i>Chemical Communications</i> , 2019, 55, 5408-5419.	2.2	423
62	Electrochemical trifluoromethylation/semipinacol rearrangement sequences of alkenyl alcohols: synthesis of $\text{I}^2\text{-CF}_3$ -substituted ketones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3319-3323.	1.5	42
63	Reaction of Nitrogen Radicals with Organometallics Under Ni Catalysis: N Arylations and Amino Functionalization Cascades. <i>Angewandte Chemie</i> , 2019, 131, 5057-5061.	1.6	16
64	Recent applications of radical cascade reaction in the synthesis of functionalized 1-indenones. <i>Chinese Chemical Letters</i> , 2019, 30, 1361-1368.	4.8	75
65	A diastereoselective approach to axially chiral biaryls via electrochemically enabled cyclization cascade. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 795-800.	1.3	12
66	Exogenous-oxidant-free electrochemical oxidative Câ€H phosphonylation with hydrogen evolution. <i>Chemical Communications</i> , 2019, 55, 4230-4233.	2.2	79
67	A metal- and oxidizing-reagent-free anodic <i>para</i> -selective amination of anilines with phenothiazines. <i>Chemical Communications</i> , 2019, 55, 4371-4374.	2.2	65
68	Anti-Markovnikov Radical Hydro- and Deuteroamidation of Unactivated Alkenes. <i>Chemistry - A European Journal</i> , 2019, 25, 7105-7109.	1.7	30
69	Photogenerated Neutral Nitrogen Radical Catalyzed Bifunctionalization of Alkenes. <i>Chemistry - A European Journal</i> , 2019, 25, 8024-8029.	1.7	20
70	Direct Installation of a Silyl Linker on Ready-Made NHC Ligands: Immobilized NHC-Pd Complex for Buchwald-Hartwig Amination. <i>Organometallics</i> , 2019, 38, 1872-1876.	1.1	14
71	A visible light mediated, metal and oxidant free highly efficient cross dehydrogenative coupling (CDC) reaction between quinoxalin-2(1 <i>H</i> )-ones and ethers. <i>New Journal of Chemistry</i> , 2019, 43, 7403-7408.	1.4	45
72	Electrochemical radical arylsulfonylation/semipinacol rearrangement sequences of alkenylcyclobutanols: Synthesis of $\text{I}^2$ -sulfonated cyclic ketones. <i>Tetrahedron Letters</i> , 2019, 60, 1287-1290.	0.7	41

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73	Reaction of Nitrogen Radicals with Organometallics Under Ni Catalysis: Ni Arylations and Amino Functionalization Cascades. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5003-5007.	7.2	47
74	Triphenylphosphine-assisted dehydroxylative C(sp <sup>3</sup> )–N bond formation via electrochemical oxidation. <i>Chemical Communications</i> , 2019, 55, 15089-15092.	2.2	28
75	Electrochemical oxidation induced intermolecular aromatic C-H imidation. <i>Nature Communications</i> , 2019, 10, 5467.	5.8	73
76	Electrochemical Oxidative C(sp <sup>3</sup> )–H/N–H Cross-Coupling for Mannich Bases with Hydrogen Evolution. <i>ChemSusChem</i> , 2019, 12, 3073-3077.	3.6	29
77	Olefin Oxyamination with Unfunctionalized Alkylanilines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1549-1553.	2.1	11
78	Formation of C–X Bonds in CO <sub>2</sub> Chemical Fixation Catalyzed by Metal–Organic Frameworks. <i>Advanced Materials</i> , 2020, 32, e1806163.	11.1	102
79	Minisci-Type C–H Cyanoalkylation of Heteroarenes Through N–O/C–C Bonds Cleavage. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1439-1442.	1.2	14
80	Visible-light-induced intramolecular radical cascade of $\beta$ -bromo- <i>N</i> -benzyl-alkylamides: a new strategy to synthesize tetracyclic <i>N</i> -fused indolo[2,1- <i>a</i> ]isoquinolin-6(5 <i>H</i> )-ones. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 263-271.	1.5	17
81	Visible Light- and Heat-Promoted C–O Coupling Reaction of Phenols and Aryl Halides. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 116-120.	1.3	24
82	Electrochemically Enabled Intramolecular Aminooxygenation of Alkynes via Amidyl Radical Cyclization. <i>Chinese Journal of Chemistry</i> , 2020, 38, 394-398.	2.6	37
83	A Retrosynthetic Approach for Photocatalysis. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1193-1244.	1.2	43
84	Organonitrogen Chemicals from Oxygen-Containing Feedstock over Heterogeneous Catalysts. <i>ACS Catalysis</i> , 2020, 10, 311-335.	5.5	96
85	Preparation of 3-hydroxyisoquinoline-1,4-dione and piperidine-2,5-dione under cerium photocatalysis from alkyne-tethered <i>N</i> -alkoxylamide with O <sub>2</sub> . <i>Molecular Catalysis</i> , 2020, 495, 111163.	1.0	4
86	Recent Methodologies That Exploit Oxidative Addition of C–N Bonds to Transition Metals. <i>ACS Catalysis</i> , 2020, 10, 12738-12759.	5.5	66
87	Visible-light-induced cascade dearomatization cyclization between alkynes and indole-derived bromides: a facile strategy to synthesize spiroindolenines. <i>Chemical Communications</i> , 2020, 56, 14047-14050.	2.2	13
88	Probing the versatility of metallo-electro hybrid catalysis: enabling access towards facile C–N bond formation. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8994-9017.	1.5	12
89	Direct C(sp <sup>3</sup> )–N Radical Coupling: Photocatalytic C–H Functionalization by Unconventional Intermolecular Hydrogen Atom Transfer to Aryl Radical. <i>Organic Letters</i> , 2020, 22, 6112-6116.	2.4	28
90	Electrochemical Synthesis of O-Phthalimide Oximes from $\beta$ -Azido Styrenes via Radical Sequence: Generation, Addition and Recombination of Imide–N–Oxyl and Iminyl Radicals with N–O/N–O Bonds Formation. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3864-3871.	2.1	24

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91	Electrochemical Iodoamination of Indoles Using Unactivated Amines. <i>Organic Letters</i> , 2020, 22, 9184-9189.	2.4	15
92	Design and Scalable Synthesis of <i>N</i> -Alkylhydroxylamine Reagents for the Direct Iron-Catalyzed Installation of Medicinally Relevant Amines**. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21064-21071.	7.2	44
93	Design and Scalable Synthesis of <i>N</i> -Alkylhydroxylamine Reagents for the Direct Iron-Catalyzed Installation of Medicinally Relevant Amines**. <i>Angewandte Chemie</i> , 2020, 132, 21250-21257.	1.6	8
94	Multifaceted aspects of charge transfer. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21583-21629.	1.3	26
95	Electrode Materials in Modern Organic Electrochemistry. <i>Angewandte Chemie</i> , 2020, 132, 19026-19044.	1.6	53
96	Visible-Light-Induced Cysteine-Specific Bioconjugation: Biocompatible Thiol-Ene Click Chemistry. <i>Angewandte Chemie</i> , 2020, 132, 22703-22711.	1.6	5
97	Visible light promoted cross-dehydrogenative coupling: a decade update. <i>Green Chemistry</i> , 2020, 22, 6632-6681.	4.6	132
98	Visible-Light-Induced Cysteine-Specific Bioconjugation: Biocompatible Thiol-Ene Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22514-22522.	7.2	42
99	Copper-Catalyzed Tandem Radical Cyclization of 8-Ethynyl-1-naphthyl-amines for the Synthesis of 2 <i>H</i> -Benzo[ <i>e</i> ][1,2]thiazine 1,1-Dioxides and its Fluorescence Properties. <i>Journal of Organic Chemistry</i> , 2020, 85, 12526-12534.	1.7	12
100	Electrochemical dehydrogenative cross-coupling of xanthenes with ketones. <i>Chemical Communications</i> , 2020, 56, 7585-7588.	2.2	45
101	Photocatalysis with organic dyes: facile access to reactive intermediates for synthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1163-1187.	1.3	82
102	One-electron oxidative dehydrogenative annulation and cyclization reactions. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2107-2144.	2.3	32
103	Visible-Light Induced C( <sup>3</sup> ) <sup>~</sup> H Functionalization for the Formation of C <sup>~</sup> N Bonds under Metal Catalyst-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2770-2777.	2.1	22
104	Recent advances in cyclization reactions of unsaturated oxime esters (ethers): synthesis of versatile functionalized nitrogen-containing scaffolds. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1948-1969.	2.3	73
105	Copper-Catalyzed Modular Access to <i>N</i> -Fused Polycyclic Indoles and 5-Aroyl-pyrrol-2-ones <i>via</i> Intramolecular N <sup>~</sup> H/C <sup>~</sup> H Annulation with Alkynes: Scope and Mechanism Probes. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1545-1552.	2.6	17
106	Recent Progress in the Construction of C <sup>~</sup> N Bonds <i>via</i> Metal-Free Radical C( <sup>3</sup> ) <sup>~</sup> H Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2120-2134.	2.1	49
107	Electrochemical Synthesis of Carbodiimides <i>via</i> Metal/Oxidant-Free Oxidative Cross-Coupling of Amines and Isocyanides. <i>Organic Letters</i> , 2020, 22, 2323-2327.	2.4	30
108	Visible-Light-Enabled <i>Ortho</i> -Selective Aminopyridylation of Alkenes with <i>N</i> -Aminopyridinium Ylides. <i>Journal of the American Chemical Society</i> , 2020, 142, 12420-12429.	6.6	84



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109	Deaminative carbonylative coupling of alkylamines with styrenes under transition-metal-free conditions. <i>Chemical Communications</i> , 2020, 56, 9182-9185.	2.2	21
110	Elemental Sulfur-Promoted Aerobic Dehydrogenative Aromatization of Cyclohexanones with Amines. <i>Journal of Organic Chemistry</i> , 2020, 85, 9415-9423.	1.7	16
111	The literature of heterocyclic chemistry, part XVIII, 2018. <i>Advances in Heterocyclic Chemistry</i> , 2020, 132, 385-468.	0.9	12
112	Electrode Materials in Modern Organic Electrochemistry. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18866-18884.	7.2	238
113	How to make C–N bonds using boronic acids and their derivatives without transition metals. <i>Chemical Society Reviews</i> , 2020, 49, 5159-5177.	18.7	42
114	Electrooxidation Enables Selective Dehydrogenative [4+2] Annulation between Indole Derivatives. <i>Angewandte Chemie</i> , 2020, 132, 7260-7264.	1.6	10
115	Electrooxidation Enables Selective Dehydrogenative [4+2] Annulation between Indole Derivatives. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7193-7197.	7.2	61
116	Visible-Light-Driven Nitrogen Radical-Catalyzed [3 + 2] Cyclization of Vinylcyclopropanes and <i>N</i> -Tosyl Vinylaziridines with Alkenes. <i>Organic Letters</i> , 2020, 22, 2470-2475.	2.4	39
117	Regioselective/electro-oxidative intermolecular [3 + 2] annulation for the preparation of indolines. <i>Chemical Science</i> , 2020, 11, 2181-2186.	3.7	33
118	Electrochemical oxidative iodination of imidazo[1,2- <i>a</i> ]pyridines using NaI as iodine source. <i>Synthetic Communications</i> , 2020, 50, 710-718.	1.1	28
119	Recent Advances in the Construction of Phosphorus-Substituted Heterocycles, 2009–2019. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1724-1818.	2.1	105
120	Photoredox Catalysis: The Reaction Mechanism Can Adjust to Electronic Properties of a Catalyst. <i>ACS Catalysis</i> , 2020, 10, 5920-5927.	5.5	18
121	Photochemical strategies for C–N bond formation <i>via</i> metal catalyst-free (hetero) aryl C(sp <sup>2</sup> )–H functionalization. <i>Green Chemistry</i> , 2020, 22, 3060-3068.	4.6	46
122	Synthesis of 3-Hydroxyisoindolin-1-ones through 1,4-Dioxane-Mediated Hydroxylhydrative aza-Cyclization of 2-Alkynylbenzamide in Water. <i>Journal of Organic Chemistry</i> , 2020, 85, 5312-5320.	1.7	12
123	Visible Light-Driven Radical-Mediated C–C Bond Cleavage/Functionalization in Organic Synthesis. <i>Chemical Reviews</i> , 2021, 121, 506-561.	23.0	638
124	Radical Reactions of Ynamides. <i>Small Methods</i> , 2021, 5, e2000673.	4.6	42
125	N-Radical enabled cyclization of 1, <i>n</i> -enynes. <i>Chinese Journal of Catalysis</i> , 2021, 42, 731-742.	6.9	33
126	Organic Azides: Versatile Synthons in Transition Metal-Catalyzed C(sp <sup>2</sup> )–H Amination/Annulation for Heterocycle Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 411-424.	2.1	37



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127	Recent advances in using 4DPAIPN in photocatalytic transformations. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 313-321.	1.5	60
128	Photocatalytic intermolecular <i>anti</i> -Markovnikov hydroamination of unactivated alkenes with <i>N</i> -hydroxyphthalimide. <i>Organic Chemistry Frontiers</i> , 2021, 8, 273-277.	2.3	20
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