

Electrochemical Oxidation Induced Selective C=C Bond

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent Advances on Synthetic Methodology Merging C-H Functionalization and C-C Cleavage. <i>Molecules</i> , 2020, 25, 5900.	1.7	17
2	Ammonium Persulfate Promotes Trifluoromethylation of Quinoxalin-2(1 <i>H</i>)-ones. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 3285.	0.6	1
3	Organocatalytic electrochemical amination of benzylic C-H bonds. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4700-4705.	2.3	33
4	Electrochemical sulfonylation of enamides with sodium sulfinates to access β -amidovinyl sulfones. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8295-8300.	1.5	13
5	Recent advances in electrochemically driven radical fluorination and fluoroalkylation. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2786-2798.	2.3	69
6	Recent progress on electrochemical synthesis involving carboxylic acids. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5501-5520.	1.5	37
7	Organic synthesis <i>via</i> Kolbe and related non-Kolbe electrolysis: an enabling electro-strategy. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1342-1366.	1.9	13
8	Solvent-controlled photocatalytic divergent cyclization of alkynyl aldehydes: access to cyclopentenones and dihydropyrans. <i>Chemical Science</i> , 2021, 12, 11420-11426.	3.7	11
9	Electrochemical Synthesis of Benzimidazoles via Dehydrogenative Cyclization of Amidines. <i>ChemSusChem</i> , 2021, 14, 1692-1695.	3.6	18
10	Electrochemically Driven Radical Reactions: From Direct Electrolysis to Molecular Catalysis. <i>Chemical Record</i> , 2021, 21, 2306-2319.	2.9	57
11	Electrochemical generation of nitrogen-centered radicals for organic synthesis. <i>Green Synthesis and Catalysis</i> , 2021, 2, 165-178.	3.7	130
12	Electrochemically Enabled One-Pot Multistep Synthesis of C19 Androgen Steroids. <i>Chemistry - A European Journal</i> , 2021, 27, 6044-6049.	1.7	5
13	Oxidative C-C Bond Cleavage of 2° and 3° Alcohols to Aromatic Acids with O ₂ at Room Temperature via Iron Photocatalysis. <i>Organic Letters</i> , 2021, 23, 2915-2920.	2.4	27
14	Electrochemical Selective Oxidative Synthesis of Diversified Sulfur Heterocycles from Ketothioamides. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1831-1837.	2.6	16
15	Recent advances in the radical-mediated decyanative alkylation of cyano(hetero)arene. <i>Green Synthesis and Catalysis</i> , 2021, 2, 145-155.	3.7	63
16	Ynonylation of Acyl Radicals by Electroinduced Homolysis of 4-Acyl-1,4-dihydropyridines. <i>Organic Letters</i> , 2021, 23, 4960-4965.	2.4	20
17	Progress and Perspectives in Photo- and Electrochemical Oxidation of Biomass for Sustainable Chemicals and Hydrogen Production. <i>Advanced Energy Materials</i> , 2021, 11, 2101180.	10.2	200
18	Visible-Light-Mediated Aerobic Oxidative C(sp ³)-C(sp ³) Bond Cleavage of Morpholine Derivatives Using 4CzIPN as a Photocatalyst. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3803-3811.	2.1	9

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19	Directing Group Enables Electrochemical Selectively <i>meta</i> -Bromination of Pyridines under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 16144-16150.	1.7	19
20	C-H Amination via Electrophotocatalytic Ritter-type Reaction. <i>Journal of the American Chemical Society</i> , 2021, 143, 8597-8602.	6.6	100
21	Rhodium(III)-Catalyzed Oxidative Cyclization of Oxazolines with Cyclopropanols: Synthesis of Isoindolinones. <i>Organic Letters</i> , 2021, 23, 5927-5931.	2.4	19
22	Electrochemical Oxidative C3 Acyloxylation of Imidazo[1,2- <i>a</i>]pyridines with Hydrogen Evolution. <i>Organic Letters</i> , 2021, 23, 5932-5936.	2.4	21
23	Electrochemical Scalable Sulfoxidation of Sulfides with Molecular Oxygen and Water. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3743-3747.	1.2	14
24	Pd-Catalyzed Ring-Closing/Ring-Opening Cross Coupling Reactions: Enantioselective Diarylation of Unactivated Olefins. <i>ACS Catalysis</i> , 2021, 11, 8942-8947.	5.5	23
25	Site-Selective Electrochemical C-H Cyanation of Indoles. <i>Organic Letters</i> , 2021, 23, 5983-5987.	2.4	20
26	Zn-Nx sites on N-doped carbon for aerobic oxidative cleavage and esterification of C(CO)-C bonds. <i>Nature Communications</i> , 2021, 12, 4823.	5.8	76
27	Electrochemical Approaches to Carbonylative Coupling Reactions. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2830-2841.	1.7	15
28	Electrochemical Tandem Olefination and Hydrogenation Reaction with Ammonia. <i>Journal of Organic Chemistry</i> , 2021, 86, 16016-16025.	1.7	5
29	Iron-Catalyzed Thiolation and Selenylation of Cycloalkyl Hydroperoxides via C-C Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2021, 86, 11987-11997.	1.7	11
30	Electrophotocatalytic Ring-Opening Bromination of <i>tert</i> -Cycloalkanols. <i>Journal of Organic Chemistry</i> , 2021, 86, 16177-16186.	1.7	15
31	Hybrid radical-polar pathway for excision of ethylene from 2-oxoglutarate by an iron oxygenase. <i>Science</i> , 2021, 373, 1489-1493.	6.0	11
32	Sulfoxide and Sulfone Synthesis via Electrochemical Oxidation of Sulfides. <i>Journal of Organic Chemistry</i> , 2021, 86, 13790-13799.	1.7	23
33	Electro-Oxidative C-N Bond Formation through Azolation of Indole Derivatives: An Access to 3-Substituent-2-(Azol-1-yl)indoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 16059-16067.	1.7	12
34	Selective Degradation of Styrene-Related Plastics Catalyzed by Iron under Visible Light**. <i>ChemSusChem</i> , 2021, 14, 5049-5056.	3.6	67
35	Delivering 2-Aryl Benzoxazoles through Metal-Free and Redox-Neutral De-CF ₃ Process. <i>Journal of Organic Chemistry</i> , 2021, 86, 13548-13558.	1.7	5
36	A LADH-like Zn-MOF as an efficient bifunctional catalyst for cyanosilylation of aldehydes and photocatalytic oxidative carbon-carbon coupling reaction. <i>Journal of Solid State Chemistry</i> , 2021, 301, 122337.	1.4	8

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37	Synthesis of 1,2,4-Triazoles via the Electrochemical Oxidative [3+2] Annulation. Chinese Journal of Organic Chemistry, 2021, 41, 2476.	0.6	3
38	Discovery of a tetraarylhydrazine catalyst for electrocatalytic synthesis of imidazo-fused N-heteroaromatic compounds. Organic and Biomolecular Chemistry, 2021, 19, 8789-8793.	1.5	8
39	Flexible on-site halogenation paired with hydrogenation using halide electrolysis. Green Chemistry, 2021, 23, 2037-2043.	4.6	10
40	Electrochemical Oxidated-Iodide Promoted $\hat{\pm}$ -H Aryl(alkyl)selenation of Acetone for the Preparation of $\hat{\pm}$ -Aryl(alkyl)selenoacetones. Chinese Journal of Organic Chemistry, 2021, 41, 3726.	0.6	1
41	Transition metal-catalyzed arylation of unstrained C=C single bonds. Organic and Biomolecular Chemistry, 2021, 19, 9809-9828.	1.5	10
42	Electrochemically enabled rhodium-catalyzed [4 + 2] annulations of arenes with alkynes. Green Chemistry, 2021, 23, 9515-9522.	4.6	16
43	Electrochemically selective double C(sp ²) $\hat{\pm}$ X (X = S/Se, N) bond formation of isocyanides. Chemical Science, 2021, 12, 14121-14125.	3.7	12
44	Phosphine/Photoredox Catalyzed Anti-Markovnikov Hydroamination of Olefins with Primary Sulfonamides via $\hat{\pm}$ -Scission from Phosphoranyl Radicals. Journal of the American Chemical Society, 2021, 143, 18331-18338.	6.6	47
45	Electrocatalytic C(sp ³) $\hat{\pm}$ H/C(sp) $\hat{\pm}$ H cross-coupling in continuous flow through TEMPO/copper relay catalysis. Beilstein Journal of Organic Chemistry, 2021, 17, 2650-2656.	1.3	6
46	Carbon $\hat{\pm}$ carbon bond activation by B(OMe) ₃ /B ₂ pin ₂ -mediated fragmentation borylation. Chemical Science, 2021, 12, 15104-15109.	3.7	1
47	Practical Synthesis of Halogenated <i>N</i> -Heterocycles via Electrochemical Anodic Oxidation of Unactivated Alkenes. European Journal of Organic Chemistry, 2021, 2021, 5831-5834.	1.2	11
48	Electrochemical oxidative cyclization of <i>N</i> -allylcarboxamides: efficient synthesis of halogenated oxazolines. New Journal of Chemistry, 2022, 46, 663-667.	1.4	10
49	Olefination via Cu-Mediated Dehydroacylation of Unstrained Ketones. Journal of the American Chemical Society, 2021, 143, 20042-20048.	6.6	28
50	Photons or Electrons? A Critical Comparison of Electrochemistry and Photoredox Catalysis for Organic Synthesis. Chemical Reviews, 2022, 122, 2487-2649.	23.0	210
51	Time-Resolved EPR Revealed the Formation, Structure, and Reactivity of <i>N</i> -Centered Radicals in an Electrochemical C(sp ³) $\hat{\pm}$ H Arylation Reaction. Journal of the American Chemical Society, 2021, 143, 20863-20872.	6.6	64
52	Photoelectrochemical Decarboxylative C $\hat{\pm}$ H Alkylation of Quinoxalin-2(1 <i>H</i>)-ones. ACS Sustainable Chemistry and Engineering, 2021, 9, 16820-16828.	3.2	14
53	Electrochemical intramolecular haloheterocyclization reactions using 1,2-dihaloethanes as halogenating reagents. Tetrahedron Letters, 2022, 89, 153602.	0.7	5
54	Electrochemical oxidation-induced benzyl C H carbonylation for the synthesis of aromatic $\hat{\pm}$ -diketones. Tetrahedron Letters, 2022, 89, 153593.	0.7	0

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55	Ag-Catalyzed Insertion of Alkynyl Carbenes into C=C Bonds of \hat{I}^2 -Ketocarboxyls: A Formal C(sp ²) Insertion. <i>Organic Letters</i> , 2022, 24, 631-636.	2.4	16
56	Radical Addition of 4-Hydroxyquinazolines and Alkylation of Quinones by the Electro-Induced Homolysis of 4-Alkyl-1,4-dihydropyridines. <i>Synthesis</i> , 2022, 54, 2696-2706.	1.2	1
57	Electroreductive synthesis of polyfunctionalized pyridin-2-ones from acetoacetanilides and carbon disulfide with oxygen evolution. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1013-1018.	1.5	11
58	Electrochemical fluorosulfonylation of alkenes to access vicinal fluorinated sulfones derivatives. <i>Tetrahedron</i> , 2022, 106-107, 132651.	1.0	5
59	Electrochemical Oxidative Sulfonylation of N-Arylamides/Amine with Sodium Sulfinates. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	8
60	Two-Dimensional Metal-Organic Framework Nanosheets: Synthesis and Applications in Electrocatalysis and Photocatalysis. <i>ChemSusChem</i> , 2022, 15, .	3.6	33
61	Advances in Free-Radical Promoted C(sp ³)-C(sp ³) Bond Conversion. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 16.	0.6	5
62	Electrochemical Ring-Opening Dicarboxylation of Strained Carbon-Carbon Single Bonds with CO ₂ : Facile Synthesis of Diacids and Derivatization into Polyesters. <i>Journal of the American Chemical Society</i> , 2022, 144, 2062-2068.	6.6	75
63	New insight into electropolymerization of melamine. II: Low onset potential deposition of polymelamine with trace active bromine. <i>Electrochimica Acta</i> , 2022, 410, 139991.	2.6	3
64	Nickel-catalyzed electrochemical carboxylation of unactivated aryl and alkyl halides with CO ₂ . <i>Nature Communications</i> , 2021, 12, 7086.	5.8	71
65	Efficient and eco-friendly oxidative cleavage of C=C bonds of 1,2-diols to ketones: electrochemistry vs thermochemistry. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2664-2670.	2.3	10
66	Electrochemical oxidative N-H/P-H cross-coupling with H ₂ evolution towards the synthesis of tertiary phosphines. <i>Chemical Science</i> , 2022, 13, 3002-3008.	3.7	13
67	Electrochemical Activation of C=C Bonds through Mediated Hydrogen Atom Transfer Reactions. <i>ChemSusChem</i> , 2022, 15, .	3.6	15
68	Progress in the Electrochemical Reactions of Sulfonyl Compounds. <i>ChemSusChem</i> , 2022, 15, .	3.6	15
69	Electrochemical Aerobic Oxidative Cleavage of (sp ³)C=C(sp ³)/H Bonds in Alkylarenes. <i>Journal of Organic Chemistry</i> , 2022, 87, 3286-3295.	1.7	8
70	Heterogeneous manganese-oxide-catalyzed successive cleavage and functionalization of alcohols to access amides and nitriles. <i>CheM</i> , 2022, 8, 1906-1927.	5.8	18
71	Electrochemical Enantioselective Nucleophilic \hat{I}^{\pm} -C(sp ³)-H Alkenylation of 2-Acyl Imidazoles. <i>Journal of the American Chemical Society</i> , 2022, 144, 6964-6971.	6.6	48
72	Electrochemical Desaturative \hat{I}^2 -Acylation of Cyclic N-Aryl Amines. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	51

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73	Electrochemical Desaturative β -Acylation of Cyclic α -Aryl Amines. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	8
74	Ru(II) Polypyridyl-Modified TiO ₂ Nanoparticles for Photocatalytic C–C/O Bond Cleavage at Room Temperature. <i>ACS Applied Nano Materials</i> , 2022, 5, 948-956.	2.4	9
75	Iodine-Mediated C=C Double Bond Cleavage toward Pyrido[2,1- <i>b</i>]quinazolinones. <i>Organic Letters</i> , 2022, 24, 3286-3290.	2.4	8
76	Flash Synthesis and Continuous Production of C-Arylglycosides in a Flow Electrochemical Reactor. <i>Frontiers in Chemical Engineering</i> , 2022, 4, .	1.3	5
77	Decarbonylative Cycloaddition of 1H-Indene-1,2,3-trione and Norbornene via Rhodium(I)-Catalyzed Carbon–Carbon Bond Cleavage. <i>New Journal of Chemistry</i> , 0, , .	1.4	0
78	Electrochemical 5- <i>exo-dig</i> aza-cyclization of 2-alkynylbenzamides toward 3-hydroxyisoindolinone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 4320-4323.	1.5	4
79	Recent progress in cathodic reduction-enabled organic electrosynthesis: Trends, challenges, and opportunities. <i>EScience</i> , 2022, 2, 243-277.	25.0	67
80	Access to Nitrones from Amines via Electrocatalysis at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1982-1988.	2.1	2
81	Electrochemical Sulfoxidation of Thiols and Alkyl Halides. <i>Journal of Organic Chemistry</i> , 2022, 87, 6942-6950.	1.7	7
82	An approach for the synthesis of 2-aryl-3-sulfonyl substituted quinolines through an electrochemical cascade annulation pathway. <i>Green Chemistry</i> , 2022, 24, 4425-4431.	4.6	16
83	Electrochemical-Promoted Nickel-Catalyzed Reductive Allylation of Aryl Halides. <i>Organic Letters</i> , 2022, 24, 3647-3651.	2.4	20
84	Electrode material promoted dehydrogenative homo-/cross-coupling of weakly activated naphthalenes. <i>Green Synthesis and Catalysis</i> , 2022, , .	3.7	4
85	Recent advances in C–F bond activation of trifluoromethylated carbonyl compounds and derivatives. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5365-5376.	1.5	16
86	Nickel-catalyzed decarboxylative cross-coupling of indole-3-acetic acids with aryl bromides by convergent paired electrolysis. <i>Chemical Communications</i> , 2022, 58, 8202-8205.	2.2	21
87	Metal-free hypervalent iodine-promoted tandem carbonyl migration and unactivated C(Ph)–C(Alkyl) bond cleavage for quinolone scaffold synthesis. <i>Chemical Communications</i> , 2022, 58, 8340-8343.	2.2	1
88	Electrochemical formal [3 + 2] cycloaddition of azobenzenes with hexahydro-1,3,5-triazines. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3769-3774.	2.3	8
89	Electrochemical Dearomatizing Spirocyclization of Alkynes with Dimethyl 2-Benzylmalonate to Spiro[4.5]deca-trienones . <i>Journal of Organic Chemistry</i> , 2022, 87, 8697-8708.	1.7	19
90	Chemoselective electrocatalytic hydroboration of alkynes with pinacolborane. <i>Journal of Molecular Structure</i> , 2022, 1266, 133463.	1.8	6

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91	Rapid access to organic triflates based on flash generation of unstable sulfonium triflates in flow. <i>Chemical Communications</i> , 2022, 58, 8344-8347.	2.2	8
92	Electrochemical Hydroboration of Carbonyl Compounds. <i>Dalton Transactions</i> , 0, , .	1.6	5
93	Electrosynthesis of <i>ortho</i> -Amino Aryl Ketones by Aerobic Electrooxidative Cleavage of the C(2)=C(3)/C(2)-N Bonds of <i>N</i> -Boc Indoles. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2565-2570.	2.1	5
94	Protocol for the preparation of amorphous manganese oxide and its application as heterogeneous catalyst in the direct synthesis of amides and nitriles. <i>STAR Protocols</i> , 2022, 3, 101564.	0.5	0
95	Electro-/photocatalytic alkene-derived radical cation chemistry: recent advances in synthetic applications. <i>Chemical Society Reviews</i> , 2022, 51, 7206-7237.	18.7	78
96	Chiral Carbon Dots Derived from Serine with Well-Defined Structure and Enantioselective Catalytic Activity. <i>Nano Letters</i> , 2022, 22, 7203-7211.	4.5	28
97	Asymmetric Oxidative Lactonization of Enynyl Boronates. <i>Angewandte Chemie - International Edition</i> , 0, , .	7.2	3
98	Metal-Free Electrochemical Carboxylation of Organic Halides in the Presence of Catalytic Amounts of an Organomediator. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	36
99	Electrochemical Site-Selective Alkylation of Azobenzenes with (Thio)Xanthenes. <i>Molecules</i> , 2022, 27, 4967.	1.7	4
100	Electrophotocatalytic Decarboxylative Azidation of Aliphatic Carboxylic Acids. <i>ACS Catalysis</i> , 2022, 12, 10661-10667.	5.5	26
101	Electrocarboxylation of Aryl Epoxides with CO ₂ for the Facile and Selective Synthesis of β -Hydroxy Acids. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	45
102	Electrochemical Synthesis of Polysubstituted Oxazoles from Ketones and Acetonitrile. <i>Organic Letters</i> , 2022, 24, 5762-5766.	2.4	16
103	Electrochemical vicinal oxyazidation of α -arylvinyl acetates. <i>Beilstein Journal of Organic Chemistry</i> , 0, 18, 1026-1031.	1.3	3
104	An Electrocatalytic Strategy for Dehydrogenative [4+2] Cycloaddition over a Cobalt-Based Catalyst. <i>Chinese Journal of Chemistry</i> , 2022, 40, 2741-2746.	2.6	6
105	Electrochemical Aerobic Oxygenation and Nitrogenation of Cyclic Alkenes via C-C Bond Cleavage or Oxygenation and Azidation of Open-Chain Alkenes. <i>Journal of Organic Chemistry</i> , 2022, 87, 11031-11041.	1.7	7
106	Electrocarboxylation of Aryl Epoxides with CO ₂ for the Facile and Selective Synthesis of β -Hydroxy Acids. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	10
107	Asymmetric Oxidative Lactonization of Enynyl Boronates. <i>Angewandte Chemie</i> , 0, , .	1.6	0
108	C-C Bond Activation of Cyclopropanes Enabled by Phosphine-Catalyzed <i>In Situ</i> Formation of High-Strain Methylenecyclopropane Intermediate. <i>Organic Letters</i> , 2022, 24, 6489-6493.	2.4	5

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109	Cathode enabled high faradaic efficiency: reduction of imines to amines with H ₂ O as a H-source. <i>Chemical Communications</i> , 2022, 58, 9906-9909.	2.2	3
110	Radical coupling reactions of hydrazines via photochemical and electrochemical strategies. <i>Organic Chemistry Frontiers</i> , 2022, 9, 6114-6128.	2.3	7
111	Electrochemically-promoted synthesis of benzo[b]thiophene-1,1-dioxides via strained quaternary spirocyclization. <i>Chemical Science</i> , 2022, 13, 9940-9946.	3.7	12
112	Catalyst-free benzylic C(sp ³)-H cross-coupling with organotrifluoroborates enabled by electrochemistry. <i>Green Chemistry</i> , 2022, 24, 7883-7888.	4.6	9
113	Electrochemical cyclization of N-cyanamide alkenes with CF ₃ SO ₂ Na to access C,N-(bis)trifluoromethylated cyclic amidines and related compounds. <i>Organic Chemistry Frontiers</i> , 2022, 9, 5912-5920.	2.3	4
114	Electrochemically induced Markovnikov-type selective hydro/deuterophosphonylation of electron-rich alkenes. <i>Chemical Communications</i> , 2022, 58, 12094-12097.	2.2	2
115	Electrochemical oxidative regio- and stereo-selective thio(seleno)cyanation of enamides and mechanistic insights. <i>Green Chemistry</i> , 2022, 24, 6556-6561.	4.6	10
116	Hypervalent-iodine promoted selective cleavage of C(sp ³)-C(sp ³) bonds in ethers. <i>Organic Chemistry Frontiers</i> , 2022, 9, 5592-5598.	2.3	3
117	Exploiting photoredox catalysis for carbohydrate modification through C-H and C-C bond activation. <i>Nature Reviews Chemistry</i> , 2022, 6, 782-805.	13.8	18
118	Electrochemical Intramolecular Oxidative C(sp ³)-H/C(sp ³)-H Coupling for Synthesis of 4-quinolones. <i>Synthesis</i> , 0, .	1.2	0
119	Metal-Free Electrochemical Carboxylation of Organic Halides in the Presence of Catalytic Amounts of an Organomediator. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	8
120	Electrochemical Oxidative C-C Bond Cleavage of Ketones for C-N Bond Formation: A Route to Amides. <i>Journal of Organic Chemistry</i> , 2022, 87, 12622-12631.	1.7	9
121	Electrochemical Amidation: Benzoyl Hydrazine/Carbazate and Amine as Coupling Partners. <i>Organic Letters</i> , 2022, 24, 6619-6624.	2.4	12
122	Acid-Promoted Carbon-Carbon Triple Bond Cleavage of Ynones for the Synthesis of Benzo[d]oxazoles/Benzo[d]thiazoles and Arylethanones. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	2
123	Recent Advances in the Electrochemical Functionalization of Isocyanides. <i>Chemical Record</i> , 2023, 23, .	2.9	8
124	Electrochemical Synthesis of Polysubstituted Sulfonated Pyrazoles via Cascade Intermolecular Condensation, Radical-Radical Cross Coupling Sulfonylation, and Pyrazole Annulation. <i>Journal of Organic Chemistry</i> , 2022, 87, 13138-13153.	1.7	14
125	Electrochemical C-H Oxidation/Conjugate Addition/Cyclization Sequences of 2-Alkyl Phenols: One-Pot Synthesis of 2-Amino-4-hydrochromenes. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	6
126	Easy Access to N-(pyridin-2-yl)benzamides through Electro-oxidative Ring Opening of 2-Arylimidazo[1,2-a]pyridines. <i>Synlett</i> , 0, .	1.0	0

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127	Electro-oxidation induced Oâ€“S cross-coupling of quinoxalinones with sodium sulfates for synthesizing 2-sulfonyloxyated quinoxalines. <i>Chemical Communications</i> , 2022, 58, 12357-12360.	2.2	2
128	Challenges and recent advancements in the transformation of CO ₂ into carboxylic acids: straightforward assembly with homogeneous 3d metals. <i>Chemical Society Reviews</i> , 2022, 51, 9371-9423.	18.7	38
129	Silver-Catalyzed Vinylcarbene Insertion into C=C Bonds of 1,3-Diketones with Vinyl-N-trifosylhydrazones. <i>Organic Letters</i> , 2022, 24, 8136-8141.	2.4	3
130	One-Pot Synthesis of Diaryl 1,2-Diketones via Zn-Mediated Reductive Coupling. <i>Journal of Organic Chemistry</i> , 2022, 87, 14037-14044.	1.7	3
131	Electrochemical N-Centered Radical Addition/Semipinacol Rearrangement Sequence of Alkenyl Cyclobutanols: Synthesis of Î²-Amino Cyclic Ketones. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	5
132	Heterocycle Synthesis via Decarboxylative Cyclization Methods. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 3756-3781.	2.1	10
133	The Application of Sulfonyl Hydrazides in Electrosynthesis: A Review of Recent Studies. <i>ACS Omega</i> , 2022, 7, 39531-39561.	1.6	12
134	Electroreductive Ring-Opening Carboxylation of Cycloketone Oxime Esters with Carbon Dioxide. <i>Journal of Organic Chemistry</i> , 2023, 88, 5212-5219.	1.7	8
135	Photoelectrochemical Asymmetric Catalysis Enables Direct and Enantioselective Decarboxylative Cyanation. <i>Journal of the American Chemical Society</i> , 2022, 144, 20201-20206.	6.6	47
136	Electrochemical promoted C H bond chlorination of sulfoxonium ylides. <i>Tetrahedron Letters</i> , 2023, 114, 154244.	0.7	5
137	An electrocatalytic three-component reaction for the synthesis of phosphoroselenoates. <i>Chemical Communications</i> , 2022, 58, 13951-13954.	2.2	0
138	Electrochemical radical-mediated selective C(sp ³)â€“S bond activation. <i>Chemical Science</i> , 2023, 14, 372-378.	3.7	12
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