Electrogenerated Cationic Reactive Intermediates: The

Chemical Reviews

118, 4702-4730

DOI: 10.1021/acs.chemrev.7b00475

Citation Report

#	Article	IF	Citations
1	Using Physical Organic Chemistry To Shape the Course of Electrochemical Reactions. Chemical Reviews, 2018, 118, 4817-4833.	47.7	512
2	Electrochemical Functionalâ€Groupâ€Tolerant Shonoâ€type Oxidation of Cyclic Carbamates Enabled by Aminoxyl Mediators. Angewandte Chemie - International Edition, 2018, 57, 6686-6690.	13.8	103
3	Electrosynthesis of Trisubstituted 2-Oxazolines via Dehydrogenative Cyclization of Î²-Amino Arylketones. Organic Letters, 2018, 20, 2505-2508.	4.6	66
4	Electrochemical synthesis of methyl sulfoxides from thiophenols/thiols and dimethyl sulfoxide. Green Chemistry, 2018, 20, 1405-1411.	9.0	36
5	Electrochemical Synthesis of Bisindolylmethanes from Indoles and Ethers. Organic Letters, 2018, 20, 2911-2915.	4.6	43
6	Scalable Electrochemical Dehydrogenative Lactonization of C(sp²/sp³)â€“H Bonds. Organic Letters, 2018, 20, 252-255.	4.6	131
7	Development of Electroorganic Reactions Utilizing Stabilized Reactive Species and Its Application to Organic Energy Storage Materials. Electrochemistry, 2018, 86, 298-302.	1.4	1
8	Electrochemical synthesis of tetrazoles via metal- and oxidant-free [3 + 2] cycloaddition of azides with hydrazones. Green Chemistry, 2018, 20, 5271-5275.	9.0	42
9	Electrochemical oxidative [4 + 2] annulation of tertiary anilines and alkenes for the synthesis of tetrahydroquinolines. Green Chemistry, 2018, 20, 4870-4874.	9.0	66
10	Reactivity of Anodically Generated 4-Methoxystilbene Cation Radicals: The Influence of Ortho-Substituted Hydroxymethyl, Aminomethyl, and Carboxylic Acid Groups. Journal of Organic Chemistry, 2018, 83, 15087-15100.	3.2	4
11	Catalystâ€Free Oxytrifluoromethylation of Alkenes through Paired Electrolysis in Organicâ€Aqueous Media. Chemistry - A European Journal, 2018, 24, 17234-17238.	3.3	61
12	Metalâ€and Oxidantâ€Free Alkenyl Câ^'H/Aromatic Câ^'H Crossâ€Coupling Using Electrochemically Generated Iodosulfonium Ions. Angewandte Chemie, 2018, 130, 13073-13077.	2.0	4
13	Exogenous-oxidant-free electrochemical oxidative Câ€“H sulfonylation of arenes/heteroarenes with hydrogen evolution. Chemical Communications, 2018, 54, 11471-11474.	4.1	81
14	Electrochemical synthesis of 7-membered carbocycles through cascade 5-exo-trig/7-endo-trig radical cyclization. Organic Chemistry Frontiers, 2018, 5, 3129-3132.	4.5	40
15	Electrochemical Oxidative Alkoxysulfonylation of Alkenes Using Sulfonyl Hydrazines and Alcohols with Hydrogen Evolution. ACS Catalysis, 2018, 8, 10871-10875.	11.2	138
16	Electrochemically Enabled Carbohydroxylation of Alkenes with H₂O and Organotrifluoroborates. Journal of the American Chemical Society, 2018, 140, 16387-16391.	13.7	127
17	Stepwise radical cation Dielsâ€“Alder reaction via multiple pathways. Beilstein Journal of Organic Chemistry, 2018, 14, 704-708.	2.2	15
18	Dehydrogenative reagent-free annulation of alkenes with diols for the synthesis of saturated O-heterocycles. Nature Communications, 2018, 9, 3551.	12.8	117

#	Article	IF	Citations
19	Electrochemical Alkynyl/Alkenyl Migration for the Radical Difunctionalization of Alkenes. Chemistry - A European Journal, 2018, 24, 17205-17209.	3.3	48
20	Recent Advances in the Synthesis of Carboxylic Acid Esters. , 0, , .		9
21	Metalâ€•and Oxidantâ€Free Alkenyl Câ^'H/Aromatic Câ^'H Crossâ€Coupling Using Electrochemically Generated Iodosulfonium Ions. Angewandte Chemie - International Edition, 2018, 57, 12891-12895.	13.8	7
22	Synthesis of Oxazolines from N-Allylamides Using an Electrochemically Generated ArS(ArSSAr)+ Pool. Heterocycles, 2018, 96, 1373.	0.7	4
23	A Regioâ€•and Diastereoselective Anodic Arylâ€"Aryl Coupling in the Biomimetic Total Synthesis of (â^')â€Thebaine. Angewandte Chemie - International Edition, 2018, 57, 11055-11059.	13.8	70
24	Eine regioâ€•und diastereoselektive anodische Arylâ€Arylâ€Kupplung in der biomimetischen Totalsynthese von (â^')â€Thebain. Angewandte Chemie, 2018, 130, 11221-11225.	2.0	21
25	Electrochemical Arylation Reaction. Chemical Reviews, 2018, 118, 6706-6765.	47.7	616
26	Carbenium ion formation by fragmentation of electrochemically generated oxonium ions. Organic and Biomolecular Chemistry, 2018, 16, 5094-5096.	2.8	6
27	Bromide-catalyzed electrochemical trifluoromethylation/cyclization of N-arylacrylamides with low catalyst loading. Organic Chemistry Frontiers, 2018, 5, 2573-2577.	4.5	88
28	Electrochemical oxidative oxysulfenylation and aminosulfenylation of alkenes with hydrogen evolution. Science Advances, 2018, 4, eaat5312.	10.3	114
29	Investigating radical cation chain processes in the electrocatalytic Dielsâ€"Alder reaction. Beilstein Journal of Organic Chemistry, 2018, 14, 642-647.	2.2	23
30	Iodine(III)â€Mediated Electrochemical Trifluoroethoxylactonisation: Rational Reaction Optimisation and Prediction of Mediator Activity. Chemistry - A European Journal, 2018, 24, 15781-15785.	3.3	40
31	Electrochemical Formation of N-Acyloxy Amidyl Radicals and Their Application: Regioselective Intramolecular Amination of sp² and sp³ Câ€"H Bonds. Organic Letters, 2018, 20, 3443-3446.	4.6	145
32	Electrochemical Hofmann rearrangement mediated by NaBr: practical access to bioactive carbamates. Organic and Biomolecular Chemistry, 2018, 16, 4615-4618.	2.8	31
33	Electrochemical Câ^'H Cyanation of Electronâ€Rich (Hetero)Arenes. Chemistry - A European Journal, 2018, 24, 11288-11291.	3.3	35
34	Anodic benzylic C(sp³)â€"H amination: unified access to pyrrolidines and piperidines. Green Chemistry, 2018, 20, 3191-3196.	9.0	81
35	Electrochemical strategies for Câ€"H functionalization and Câ€"N bond formation. Chemical Society Reviews, 2018, 47, 5786-5865.	38.1	736
36	Redox Denaturation of Proteins: Electrochemical Treatment of Egg Plasma. Electroanalysis, 2019, 31, 2299-2302.	2.9	4

#	Article	IF	Citations
37	Oxoâ€Thiolation of Cationically Polymerizable Alkenes Using Flow Microreactors. Chemistry - A European Journal, 2019, 25, 15239-15243.	3.3	10
38	Organic electrosynthesis: electrochemical alkyne functionalization. Catalysis Science and Technology, 2019, 9, 5868-5881.	4.1	49
39	Understanding photoelectrochemical kinetics in a model CO₂ fixation reaction. Physical Chemistry Chemical Physics, 2019, 21, 17517-17520.	2.8	6
40	Electrochemical Arylation of Electronâ€Deficient Arenes through Reductive Activation. Angewandte Chemie - International Edition, 2019, 58, 15747-15751.	13.8	54
41	Bipolar Electrochemistry: A Powerful Tool for Electrifying Functional Material Synthesis. Accounts of Chemical Research, 2019, 52, 2598-2608.	15.6	131
42	Effects of the Hydrogen Bonding Network on Electrophilic Activation and Electrode Passivation: Electrochemical Chlorination and Bromination of Aromatics. ChemElectroChem, 2019, 6, 3726-3730.	3.4	12
43	Intramolecular electrochemical dehydrogenative Nâ€“N bond formation for the synthesis of 1,2,4-triazolo[1,5-a]pyridines. Green Chemistry, 2019, 21, 4035-4039.	9.0	46
44	Electrochemically dehydrogenative Câ€“H/Pâ€“H cross-coupling: effective synthesis of phosphonated quinoxalin-2(1H)-ones and xanthenes. Green Chemistry, 2019, 21, 4412-4421.	9.0	139
45	Electrochemical oxidation induced selective tyrosine bioconjugation for the modification of biomolecules. Chemical Science, 2019, 10, 7982-7987.	7.4	79
46	Hexafluoroâ€2â€Propanolâ€Promoted Electroâ€Oxidative [3+2] Annulation of 1,3â€Dicarbonyl Compounds and Alkenes. ChemElectroChem, 2019, 6, 3383-3386.	3.4	18
47	Electrochemical Crossâ€Coupling of C(sp²)â^'H with Aryldiazonium Salts via a Paired Electrolysis: an Alternative to Visible Light Photoredoxâ€Based Approach. Advanced Synthesis and Catalysis, 2019, 361, 5170-5175.	4.3	52
48	Scalable Rhodium(III)â€Catalyzed Aryl Câ^'H Phosphorylation Enabled by Anodic Oxidation Induced Reductive Elimination. Angewandte Chemie, 2019, 131, 16926-16930.	2.0	35
49	Efficient Protocol for Synthesis of Î²â€Hydroxy(alkoxy)selenides via Electrochemical Iodideâ€Catalyzed Oxyselenation of Styrene Derivatives with Dialkyl(aryl)diselenides. ChemistryOpen, 2019, 8, 1230-1234.	1.9	12
50	Photokatalyse und Elektrochemie: Ein neues BÃ¼ndnis in der organischen Synthese. Angewandte Chemie, 2019, 131, 17670-17672.	2.0	28
51	Practical and stereoselective electrocatalytic 1,2-diamination of alkenes. Nature Communications, 2019, 10, 4953.	12.8	100
52	Merging Photocatalysis with Electrochemistry: The Dawn of a new Alliance in Organic Synthesis. Angewandte Chemie - International Edition, 2019, 58, 17508-17510.	13.8	100
53	Decarboxylative C_{sp³}â€“N Bond Formation by Electrochemical Oxidation of Amino Acids. Organic Letters, 2019, 21, 9262-9267.	4.6	51
54	Scalable Rhodium(III)â€Catalyzed Aryl Câ^'H Phosphorylation Enabled by Anodic Oxidation Induced Reductive Elimination. Angewandte Chemie - International Edition, 2019, 58, 16770-16774.	13.8	111

#	Article	IF	Citations
55	Electrochemical oxidative cyclization of olefinic carbonyls with diselenides. Green Chemistry, 2019, 21, 4976-4980.	9.0	71
56	Synthesis of 1,3-benzothiazines by intramolecular dehydrogenative Câ€“S cross-coupling in a flow electrolysis cell. Science China Chemistry, 2019, 62, 1501-1503.	8.2	16
57	Electrochemical Alkoxysulfonylation Difunctionalization of Styrene Derivatives Using Sodium Sulfinates as Sulfonyl Sources. ACS Omega, 2019, 4, 14353-14359.	3.5	26
58	Synergy of anodic oxidation and cathodic reduction leads to electrochemical deoxygenative C2 arylation of quinoline N-oxides. Chemical Communications, 2019, 55, 11091-11094.	4.1	35
59	Electrochemical Arylation of Electronâ€Deficient Arenes through Reductive Activation. Angewandte Chemie, 2019, 131, 15894-15898.	2.0	12
60	Heterocycles via Cross Dehydrogenative Coupling. , 2019, , .		9
61	Synthetic Methodology-driven Chemical Protein Modifications. Chemistry Letters, 2019, 48, 1421-1432.	1.3	13
62	Probing Intramolecular Electron Transfer in Redox Tag Processes. Organic Letters, 2019, 21, 8519-8522.	4.6	21
63	Fluorocyclization of N-Propargylamides to Oxazoles by Electrochemically Generated ArIF₂. Organic Letters, 2019, 21, 7893-7896.	4.6	69
64	Electrochemical Dehydrogenative Phosphorylation of Thiols. Organic Letters, 2019, 21, 7833-7836.	4.6	39
65	Efficient Electrocatalysis for the Preparation of (Hetero)aryl Chlorides and Vinyl Chloride with 1,2â€Dichloroethane. Angewandte Chemie - International Edition, 2019, 58, 4566-4570.	13.8	108
66	Electrochemical oxidation synergizing with BrÃnsted-acid catalysis leads to [4 + 2] annulation for the synthesis of pyrazines. Green Chemistry, 2019, 21, 765-769.	9.0	32
67	Electrochemical oxidative Câ€“H/Sâ€“H cross-coupling between enamines and thiophenols with H₂ evolution. Chemical Science, 2019, 10, 2791-2795.	7.4	73
68	Efficient Electrocatalysis for the Preparation of (Hetero)aryl Chlorides and Vinyl Chloride with 1,2â€Dichloroethane. Angewandte Chemie, 2019, 131, 4614-4618.	2.0	17
69	Metalâ€and Oxidantâ€free Electrosynthesis of 1,2,3â€Thiadiazoles from Element Sulfur and Nâ€tosyl Hydrazones. Advanced Synthesis and Catalysis, 2019, 361, 1756-1760.	4.3	52
70	Electrochemical Radical Selenylation/1,2-Carbon Migration and Dowdâ€“Beckwith-Type Ring-Expansion Sequences of Alkenylcyclobutanols. Organic Letters, 2019, 21, 1021-1025.	4.6	81
71	Electrochemical oxidative Câ€“H/Nâ€“H cross-coupling for Câ€“N bond formation with hydrogen evolution. Chemical Communications, 2019, 55, 1809-1812.	4.1	103
72	Electrochemical oxidative selenylation of imidazo[1,2â€“a]pyridines with diselenides. Tetrahedron Letters, 2019, 60, 739-742.	1.4	42

#	Article	IF	Citations
73	Organic Electrosynthesis: Applications in Complex Molecule Synthesis. ChemElectroChem, 2019, 6, 4067-4092.	3.4	143
74	Electrochemical Synthesis of Allylamines via a Radical Trapping Sequence. Advanced Synthesis and Catalysis, 2019, 361, 4041-4047.	4.3	12
75	Externalâ€Oxidantâ€Free Electrochemical Oxidative Trifluoromethylation of Arenes Using CF₃SO₂Na as the CF₃ Source. Chinese Journal of Chemistry, 2019, 37, 817-820.	4.9	31
76	Electrochemicalâ€/Photoredox Aspects of Transition Metalâ€Catalyzed Directed Câ^'H Bond Activation. ChemCatChem, 2019, 11, 5160-5187.	3.7	47
77	A New Approach to Stereoselective Electrocatalytic Semihydrogenation of Alkynes to Z-Alkenes using a Proton-Exchange Membrane Reactor. ACS Sustainable Chemistry and Engineering, 2019, 7, 11050-11055.	6.7	45
78	Electrochemical Oxidative Aryl(alkyl)trifluoromethylation of Allyl Alcohols via 1,2-Migration. Organic Letters, 2019, 21, 4619-4622.	4.6	72
79	Câ€"N Coupling of Azoles or Imides with Carbocations Generated by Electrochemical Oxidation. European Journal of Organic Chemistry, 2019, 2019, 4089-4094.	2.4	22
80	Electrochemical Synthesis of 3â€Bromoimidazo[1,2â€a]pyridines Directly from 2â€Aminopyridines and alphaâ€Bromoketones. ChemElectroChem, 2019, 6, 2733-2736.	3.4	16
81	Elektrochemischer Durchlaufgenerator fÃ¼r hypervalente Iodreagenzien: Synthetische Anwendungen. Angewandte Chemie, 2019, 131, 9916-9920.	2.0	22
82	Reactions of Anodically Generated Methoxystilbene Cation Radicals: The Influence of Ortho-Substituted Vinyl and Formyl Groups. Journal of Organic Chemistry, 2019, 84, 7279-7290.	3.2	0
83	Concepts and tools for mechanism and selectivity analysis in synthetic organic electrochemistry. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11147-11152.	7.1	61
84	Synthetic applications of light, electricity, mechanical force and flow. Nature Reviews Chemistry, 2019, 3, 290-304.	30.2	51
85	Direct electrosynthesis for N-alkyl-C3-halo-indoles using alkyl halide as both alkylating and halogenating building blocks. Green Chemistry, 2019, 21, 2732-2738.	9.0	35
86	Continuousâ€Flow Electrochemical Generator of Hypervalent Iodine Reagents: Synthetic Applications. Angewandte Chemie - International Edition, 2019, 58, 9811-9815.	13.8	106
87	On the origin of the difference between type A and type B skeletal isomerization of alkenes catalyzed by zeolites: The crucial input of ab initio molecular dynamics. Journal of Catalysis, 2019, 373, 361-373.	6.2	38
88	Radical Cation Dielsâ€Alder Reactions of Nonâ€Conjugated Alkenes as Dienophiles by Electrocatalysis. Chinese Journal of Chemistry, 2019, 37, 561-564.	4.9	9
89	Electrochemical Radical Formyloxylationâ€"Bromination, â^'Chlorination, and â^'Trifluoromethylation of Alkenes. Organic Letters, 2019, 21, 3167-3171.	4.6	70
90	Electrochemical vicinal aminotrifluoromethylation of alkenes: high regioselective acquisition of Î²-trifluoromethylamines. Organic and Biomolecular Chemistry, 2019, 17, 5014-5020.	2.8	34

#	Article	IF	Citations
91	Synergy of Anodic Oxidation and Cathodic Reduction Leads to Electrochemical Câ€”H Halogenation. Chinese Journal of Chemistry, 2019, 37, 611-615.	4.9	59
92	Recent Advances in Constructing Nitrogenâ€Containing Heterocycles via Electrochemical Dehydrogenation. Chinese Journal of Chemistry, 2019, 37, 513-528.	4.9	65
93	Electrochemical trifluoromethylation/semipinacol rearrangement sequences of alkenyl alcohols: synthesis of Î²-CF₃-substituted ketones. Organic and Biomolecular Chemistry, 2019, 17, 3319-3323.	2.8	42
94	Substitution Patternâ€Selective Olefin Crossâ€Couplings. ChemElectroChem, 2019, 6, 4165-4168.	3.4	10
95	Electrochemical Câ^'H/Nâ^'H Oxidative Cross Coupling of Imidazopyridines with Diarylamines to Synthesize Triarylamine Derivatives. ChemElectroChem, 2019, 6, 4173-4176.	3.4	26
96	Electrochemical Crossâ€Dehydrogenative Coupling of Nâ€Arylâ€tetrahydroisoquinolines with Phosphites and Indole. European Journal of Organic Chemistry, 2019, 2019, 2498-2501.	2.4	22
97	A Novel Thermomorphic System for Electrocatalytic Dielsâ€Alder Reactions. Chinese Journal of Chemistry, 2019, 37, 557-560.	4.9	7
98	An Electrochemical Cinnamyl Câ€”H Amination Reaction Using Carbonyl Sulfamate. Chinese Journal of Chemistry, 2019, 37, 570-574.	4.9	18
99	Electrochemical radical arylsulfonylation/semipinacol rearrangement sequences of alkenylcyclobutanols: Synthesis of Î²-sulfonated cyclic ketones. Tetrahedron Letters, 2019, 60, 1287-1290.	1.4	41
100	Mechanism of Oxidative Alkoxyamine Cleavage: The Surprising Role of the Solvent and Supporting Electrolyte. Journal of Physical Chemistry C, 2019, 123, 10300-10305.	3.1	17
101	Recent Advances on the Electrochemical Difunctionalization of Alkenes/Alkynes. Chinese Journal of Chemistry, 2019, 37, 292-301.	4.9	122
102	Electrochemical Oxidative Clean Halogenation Using HX/NaX with Hydrogen Evolution. IScience, 2019, 12, 293-303.	4.1	120
103	Electrochemical Radical Borylation of Aryl Iodides. Chinese Journal of Chemistry, 2019, 37, 347-351.	4.9	21
104	Electrochemical Aminoselenation and Oxyselenation of Styrenes with Hydrogen Evolution. Organic Letters, 2019, 21, 1297-1300.	4.6	116
105	Electrochemical dehydrogenation of hydrazines to azo compounds. Green Chemistry, 2019, 21, 1680-1685.	9.0	30
106	Electrochemical Oxidative Crossâ€Coupling Reaction to Access Unsymmetrical Thiosulfonates and Selenosulfonates. Advanced Synthesis and Catalysis, 2019, 361, 2014-2019.	4.3	30
107	Total Synthesis of (â^')-Oxycodone via Anodic Arylâ€“Aryl Coupling. Organic Letters, 2019, 21, 1828-1831.	4.6	57
108	Stereoselective synthesis of sulfur-containing Î²-enaminonitrile derivatives through electrochemical Csp3â€“H bond oxidative functionalization of acetonitrile. Nature Communications, 2019, 10, 833.	12.8	59

#	Article	IF	Citations
109	Electrochemical fluoromethylation triggered lactonizations of alkenes under semi-aqueous conditions. Chemical Science, 2019, 10, 3181-3185.	7.4	117
110	Effect of Chemical Structure on the Electrochemical Cleavage of Alkoxyamines. Journal of Physical Chemistry C, 2019, 123, 5273-5281.	3.1	31
111	Electrochemical Oxidative Cross-Coupling with Hydrogen Evolution Reactions. Accounts of Chemical Research, 2019, 52, 3309-3324.	15.6	499
112	Chemistry with Electrochemically Generated N-Centered Radicals. Accounts of Chemical Research, 2019, 52, 3339-3350.	15.6	679
113	Electrochemically Enabled Double Câ€“H Activation of Amides: Chemoselective Synthesis of Polycyclic Isoquinolinones. Organic Letters, 2019, 21, 9841-9845.	4.6	64
114	Electrochemical TEMPO-catalyzed multicomponent C(sp³)â€“H Î±-carbamoylation of free cyclic secondary amines. Green Chemistry, 2019, 21, 6194-6199.	9.0	29
115	Selective Functionalization of Styrenes with Oxygen Using Different Electrode Materials: Olefin Cleavage and Synthesis of Tetrahydrofuran Derivatives. Angewandte Chemie, 2019, 131, 131-135.	2.0	6
116	Electrochemical Hydrogenation with Gaseous Ammonia. Angewandte Chemie, 2019, 131, 1773-1777.	2.0	30
117	Electrochemical Oxidative C(sp³)â^'H/Nâ^'H Crossâ€Coupling for Nâ€Mannich Bases with Hydrogen Evolution. ChemSusChem, 2019, 12, 3073-3077.	6.8	29
118	Electrochemical Fluorocyclization of N-Allylcarboxamides to 2-Oxazolines by Hypervalent Iodine Mediator. Organic Letters, 2019, 21, 242-245.	4.6	89
119	â€œSnapshotsâ€• of Intramolecular Electron Transfer in Redox Tag-Guided [2 + 2] Cycloadditions. Journal of Organic Chemistry, 2019, 84, 1882-1886.	3.2	17
120	Transition Metal- and Base-Free Electrochemical aza-Michael Addition of Aromatic aza-Heterocycles or Ts-Protected Amines to Î±,Î²-Unsaturated Alkenes Mediated by NaI. ACS Sustainable Chemistry and Engineering, 2019, 7, 2255-2261.	6.7	23
121	Electrochemical Dehydrogenative Phosphorylation of Alcohols for the Synthesis of Organophosphinates. Journal of Organic Chemistry, 2019, 84, 949-956.	3.2	47
122	Electrochemical Dehydrogenative Imidation of N-Methyl-Substituted Benzylamines with Phthalimides for the Direct Synthesis of Phthalimide-Protected gem-Diamines. Organic Letters, 2019, 21, 156-159.	4.6	25
123	Substrateâ€Dependent Electrochemical Dimethoxylation of Olefins. Advanced Synthesis and Catalysis, 2019, 361, 485-489.	4.3	40
124	Selective N1-Acylation of Indazoles with Acid Anhydrides Using an Electrochemical Approach. Organic Letters, 2019, 21, 457-460.	4.6	17
125	Electrochemical Dehydrogenative Crossâ€Coupling of Quinoxalinâ€2(1H)â€ones with Amines for the Synthesis of 3â€Aminoquinoxalinones. Advanced Synthesis and Catalysis, 2019, 361, 1033-1041.	4.3	84
126	Electrochemical Oxidative Câ€”H Sulfenylation of Imidazopyridines with Hydrogen Evolution. Chinese Journal of Chemistry, 2019, 37, 49-52.	4.9	65

#	Article	IF	Citations
127	Selective Functionalization of Styrenes with Oxygen Using Different Electrode Materials: Olefin Cleavage and Synthesis of Tetrahydrofuran Derivatives. Angewandte Chemie - International Edition, 2019, 58, 125-129.	13.8	64
128	Mnâ€Catalyzed Electrochemical Synthesis of Quinazolinones from Primary Alcohols/Benzyl Ethers and oâ€Aminobenzamides. ChemElectroChem, 2019, 6, 4188-4193.	3.4	35
129	Moâ€Based Oxidizers as Powerful Tools for the Synthesis of Thiaâ€and Selenaheterocycles. Chemistry - A European Journal, 2019, 25, 1936-1940.	3.3	27
130	Electrochemical Hydrogenation with Gaseous Ammonia. Angewandte Chemie - International Edition, 2019, 58, 1759-1763.	13.8	87
131	Electrochemistry Broadens the Scope of Flavin Photocatalysis: Photoelectrocatalytic Oxidation of Unactivated Alcohols. Angewandte Chemie - International Edition, 2020, 59, 409-417.	13.8	135
132	Cubane Electrochemistry: Direct Conversion of Cubane Carboxylic Acids to Alkoxy Cubanes Using the Hoferâ€"Moest Reaction under Flow Conditions. Chemistry - A European Journal, 2020, 26, 374-378.	3.3	34
133	Electrochemistry Broadens the Scope of Flavin Photocatalysis: Photoelectrocatalytic Oxidation of Unactivated Alcohols. Angewandte Chemie, 2020, 132, 417-425.	2.0	45
134	Practical Synthesis of Phosphinic Amides/Phosphoramidates through Catalytic Oxidative Coupling of Amines and P(O)â^'H Compounds. Chemistry - A European Journal, 2020, 26, 881-887.	3.3	32
135	Recent Advances in the Electrochemical Synthesis and Functionalization of Indole Derivatives. Advanced Synthesis and Catalysis, 2020, 362, 2102-2119.	4.3	75
136	Cobaltaâ€Electrocatalyzed Câ^'H Activation in Biomassâ€Derived Glycerol: Powered by Renewable Wind and Solar Energy. ChemSusChem, 2020, 13, 668-671.	6.8	31
137	Electrochemical Chalcogenation of Î²,Î³â€Unsaturated Amides and Oximes to Corresponding Oxazolines and Isoxazolines. Advanced Synthesis and Catalysis, 2020, 362, 1046-1052.	4.3	62
138	Electrochemical Crossâ€Dehydrogenative Coupling between Phenols and Î²â€Dicarbonyl Compounds: Facile Construction of Benzofurans. Chemistry - A European Journal, 2020, 26, 4297-4303.	3.3	18
139	Alternating Current Electrolysis for the Electrocatalytic Synthesis of Mixed Disulfide via Sulfurâ€"Sulfur Bond Metathesis towards Dynamic Disulfide Libraries. Chemistry - A European Journal, 2020, 26, 3129-3136.	3.3	40
140	Application of electrochemical oxidative methods in the C(sp2) H functionalization of heterocyclic compounds. Advances in Heterocyclic Chemistry, 2020, , 1-47.	1.7	9
141	Anodic Oxidation for the Stereoselective Synthesis of Heterocycles. Accounts of Chemical Research, 2020, 53, 105-120.	15.6	163
142	Copper-Catalyzed Electrochemical Selective Bromination of 8-Aminoquinoline Amide Using NH₄Br as the Brominating Reagent. Journal of Organic Chemistry, 2020, 85, 3497-3507.	3.2	29
143	Recent Advances in Electrochemical Oxidative Crossâ€Coupling of Alkenes with H₂ Evolution. ChemCatChem, 2020, 12, 27-40.	3.7	55
144	Mechanistic Insights on Concentrated Lithium Salt/Nitroalkane Electrolyte Based on Analogy with Fluorinated Alcohols. European Journal of Organic Chemistry, 2020, 2020, 570-574.	2.4	24

#	Article	IF	Citations
145	Basic Strategies and Types of Applications in Organic Electrochemistry. ChemElectroChem, 2020, 7, 395-405.	3.4	133
146	Powering the Future: How Can Electrochemistry Make a Difference in Organic Synthesis?. CheM, 2020, 6, 2484-2496.	11.7	270
147	Ruthenium-Catalyzed Electrochemical Synthesis of Indolines through Dehydrogenative [3 + 2] Annulation with H₂ Evolution. Journal of Organic Chemistry, 2020, 85, 13735-13746.	3.2	32
148	Anodic oxidation triggered divergent 1,2- and 1,4-group transfer reactions of Î²-hydroxycarboxylic acids enabled by electrochemical regulation. Chemical Science, 2020, 11, 12021-12028.	7.4	18
149	Enantiospecific electrochemical rearrangement for the synthesis of hindered triazolopyridinone derivatives. Nature Communications, 2020, 11, 3628.	12.8	26
150	Recent advances in electrochemical meso- and Î²-functionalization of porphyrins and electrografting of diazonium porphyrins. Current Opinion in Electrochemistry, 2020, 24, 69-78.	4.8	4
151	Electrochemical Î±-methoxymethylation and aminomethylation of propiophenones using methanol as a green C1 source. Organic Chemistry Frontiers, 2020, 7, 2399-2404.	4.5	13
152	Biomimetic electro-oxidation of alkyl sulfides from exfoliated molybdenum disulfide nanosheets. Journal of Materials Chemistry A, 2020, 8, 25053-25060.	10.3	6
153	Single electron transfer-based peptide/protein bioconjugations driven by biocompatible energy input. Communications Chemistry, 2020, 3, .	4.5	33
154	Electroreductive Carbofunctionalization of Alkenes with Alkyl Bromides via a Radical-Polar Crossover Mechanism. Journal of the American Chemical Society, 2020, 142, 20661-20670.	13.7	141
155	Generation of Alkyl Radicals: From the Tyranny of Tin to the Photon Democracy. Chemical Reviews, 2020, 120, 9790-9833.	47.7	241
156	Electrochemical N-Demethylation of 14-Hydroxy Morphinans: Sustainable Access to Opioid Antagonists. Organic Letters, 2020, 22, 6891-6896.	4.6	17
157	Electrochemical sulfonylation of alkenes with sulfonyl hydrazides: a metal- and oxidant-free protocol for the synthesis of (E)-vinyl sulfones in water. RSC Advances, 2020, 10, 33155-33160.	3.6	23
158	A Perspective on Organic Electrochemistry. Journal of Organic Chemistry, 2020, 85, 13375-13390.	3.2	101
159	Direct electrochemical defluorinative carboxylation of Î±-CF₃ alkenes with carbon dioxide. Chemical Science, 2020, 11, 10414-10420.	7.4	83
160	Late-stage diversification by rutheniumelectro-catalyzed Câ€“H mono- and di-acyloxylation. Green Synthesis and Catalysis, 2020, 1, 175-179.	6.8	20
161	Electrochemical and direct Câ€“H methylthiolation of electron-rich aromatics. Green Chemistry, 2020, 22, 4906-4911.	9.0	25
162	Electro-organic synthesis â€“ a 21stcentury technique. Chemical Science, 2020, 11, 12386-12400.	7.4	379

#	Article	IF	Citations
163	Nickelâ€Catalyzed Electrosynthesis of Aryl and Vinyl Phosphinates. European Journal of Organic Chemistry, 2020, 2020, 3452-3455.	2.4	19
164	Benzo- and Thieno-Annulated Tetracenes: A One-Pot Synthesis via Cross-Dehydrogenative Annulation. Organic Letters, 2020, 22, 4160-4163.	4.6	9
165	Stereoselective Electroâ€2â€deoxyglycosylation from Glycals. Angewandte Chemie, 2020, 132, 15316-15320.	2.0	11
166	Chemicalâ€Reductantâ€Free Electrochemical Deuteration Reaction using Deuterium Oxide. Angewandte Chemie - International Edition, 2020, 59, 13962-13967.	13.8	99
167	Stereoselective Electroâ€2â€deoxyglycosylation from Glycals. Angewandte Chemie - International Edition, 2020, 59, 15204-15208.	13.8	39
168	Electrochemical Annulationâ€"Iodosulfonylation of 1,5-Enyne-containing para-Quinone Methides (p-QMs) to Access (E)-Spiroindenes. Organic Letters, 2020, 22, 4471-4477.	4.6	74
169	Site-selective electrooxidation of methylarenes to aromatic acetals. Nature Communications, 2020, 11, 2706.	12.8	61
170	Scalable Photoelectrochemical Dehydrogenative Crossâ€Coupling of Heteroarenes with Aliphatic Câˆ'H Bonds. Angewandte Chemie - International Edition, 2020, 59, 14275-14280.	13.8	179
171	Making electrochemistry easily accessible to the synthetic chemist. Green Chemistry, 2020, 22, 3358-3375.	9.0	176
172	Mn-Catalyzed Electrochemical Radical Cascade Cyclization toward the Synthesis of Benzo[4,5]imidazo[2,1-a]isoquinolin-6(5H)-one Derivatives. ACS Catalysis, 2020, 10, 6676-6681.	11.2	115
173	Anodic Oxidation as an Enabling Tool for the Synthesis of Natural Products. Synthesis, 2020, 52, 2781-2794.	2.3	13
174	Scalable Photoelectrochemical Dehydrogenative Crossâ€Coupling of Heteroarenes with Aliphatic Câˆ'H Bonds. Angewandte Chemie, 2020, 132, 14381-14386.	2.0	28
175	Chemicalâ€Reductantâ€Free Electrochemical Deuteration Reaction using Deuterium Oxide. Angewandte Chemie, 2020, 132, 14066-14071.	2.0	20
176	Insights into Cobalta(III/IV/II)â€Electrocatalysis: Oxidationâ€Induced Reductive Elimination for Twofold Câˆ'H Activation. Angewandte Chemie - International Edition, 2020, 59, 10955-10960.	13.8	65
177	Mechanistische Studien zu Cobalta(III/IV/II)â€Elektrokatalyse: Oxidativâ€induzierte reduktive Eliminierung zur zweifachen Câ€Hâ€Aktivierung. Angewandte Chemie, 2020, 132, 11048-11053.	2.0	16
178	Electroâ€Olefinationâ€"A Catalyst Free Stereoconvergent Strategy for the Functionalization of Alkenes. Chemistry - A European Journal, 2020, 26, 8382-8387.	3.3	17
179	Electrophotocatalytic Decarboxylative Câˆ'H Functionalization of Heteroarenes. Angewandte Chemie - International Edition, 2020, 59, 10626-10632.	13.8	161
180	Electrophotocatalytic Decarboxylative Câˆ'H Functionalization of Heteroarenes. Angewandte Chemie, 2020, 132, 10713-10719.	2.0	30

#	Article	IF	Citations
181	Electrophotocatalysis: Cyclic Voltammetry as an Analytical Tool. Journal of Physical Chemistry Letters, 2020, 11, 6097-6104.	4.6	14
182	Organic electrochemistry: Anodic construction of heterocyclic structures. Current Opinion in Electrochemistry, 2020, 24, 31-43.	4.8	19
183	Friedelâ€“Crafts Alkylation with Carbenium Ions Generated by Electrochemical Oxidation of Stannylmethyl Ethers. European Journal of Organic Chemistry, 2020, 2020, 4510-4516.	2.4	4
184	Cobalt catalyzed electrochemical [4 + 2] annulation for the synthesis of sultams. Green Chemistry, 2020, 22, 1548-1552.	9.0	44
185	Electrochemical Synthesis of Biaryls via Oxidative Intramolecular Coupling of Tetra(hetero)arylborates. Journal of the American Chemical Society, 2020, 142, 4341-4348.	13.7	39
186	Electrochemical Synthesis of Thienoacene Derivatives: Transitionâ€Metalâ€Free Dehydrogenative Câˆ'S Coupling Promoted by a Halogen Mediator. Angewandte Chemie, 2020, 132, 7877-7881.	2.0	9
187	Electrochemical Synthesis of Thienoacene Derivatives: Transitionâ€Metalâ€Free Dehydrogenative Câˆ'S Coupling Promoted by a Halogen Mediator. Angewandte Chemie - International Edition, 2020, 59, 7803-7807.	13.8	50
188	Regioselective/electro-oxidative intermolecular [3 + 2] annulation for the preparation of indolines. Chemical Science, 2020, 11, 2181-2186.	7.4	33
189	The synthesis of sulfonated 4H-3,1-benzoxazines via an electro-chemical radical cascade cyclization. Chemical Communications, 2020, 56, 2735-2738.	4.1	36
190	Electrochemical oxidative iodination of imidazo[1,2-a]pyridines using NaI as iodine source. Synthetic Communications, 2020, 50, 710-718.	2.1	28
191	Electrochemical Oxidative Phosphorylation of Aldehyde Hydrazones. Organic Letters, 2020, 22, 4016-4020.	4.6	36
192	Radical-Cation Vinylcyclopropane Rearrangements by TiO₂ Photocatalysis. Journal of Organic Chemistry, 2020, 85, 6551-6566.	3.2	28
193	Electroreductive 4-Pyridylation of Electron-deficient Alkenes with Assistance of Ni(acac)₂. Organic Letters, 2020, 22, 3570-3575.	4.6	43
194	Electrochemically Oxidative Coupling of Sâ€H/Sâ€H for Sâ€S Bond Formation: A Facile Approach to Diacidâ€disulfides. ChemistrySelect, 2020, 5, 4637-4641.	1.5	6
195	Nickel catalysis enables convergent paired electrolysis for direct arylation of benzylic Câ€“H bonds. Chemical Science, 2020, 11, 10786-10791.	7.4	91
196	A Facile Oneâ€Pot Synthesis of 1,2,3,4â€Tetrahydroisoquinolineâ€1â€carbonitriles via the Electrogenerated Cyanide Anions from Acetonitrile. ChemistrySelect, 2020, 5, 4493-4495.	1.5	4
197	Electrochemical Oxidation Induced Selective Câ€“C Bond Cleavage. Chemical Reviews, 2021, 121, 485-505.	47.7	251
198	Benzyl Palladium Intermediates: Unique and Versatile Reactive Intermediates for Aromatic Functionalization. Advanced Synthesis and Catalysis, 2021, 363, 587-601.	4.3	22

#	Article	IF	Citations
199	Selective Electrochemical Hydrolysis of Hydrosilanes to Silanols via Anodically Generated Silyl Cations. Angewandte Chemie, 2021, 133, 1867-1872.	2.0	13
200	Siteâ€Selective Electrochemical Benzylic Câ^'H Amination. Angewandte Chemie - International Edition, 2021, 60, 2943-2947.	13.8	123
201	Synthesis of Diverse Aryliodine(<scp>III</scp>) Reagents by Anodic Oxidation^{â€}. Chinese Journal of Chemistry, 2021, 39, 627-632.	4.9	27
202	Selective Electrochemical Hydrolysis of Hydrosilanes to Silanols via Anodically Generated Silyl Cations. Angewandte Chemie - International Edition, 2021, 60, 1839-1844.	13.8	60
203	Iodonium Cationâ€Pool Electrolysis for the Threeâ€Component Synthesis of 1,3â€Oxazoles. Chemistry - A European Journal, 2021, 27, 605-608.	3.3	19
204	HOMOâ€“LUMO Energy-Gap Tuning of Ï€-Conjugated Zwitterions Composed of Electron-Donating Anion and Electron-Accepting Cation. Journal of Organic Chemistry, 2021, 86, 770-781.	3.2	31
205	Siteâ€Selective Electrochemical Benzylic Câ^'H Amination. Angewandte Chemie, 2021, 133, 2979-2983.	2.0	81
206	Electrochemical synthesis of 3-azido-indolines from amino-azidation of alkenes. Chinese Chemical Letters, 2021, 32, 1033-1036.	9.0	29
207	Electrochemical <scp>Palladiumâ€Catalyzed</scp> Intramolecular Câ€"H Amination of <scp>2â€Amidobiaryls</scp> for Synthesis of Carbazoles. Chinese Journal of Chemistry, 2021, 39, 143-148.	4.9	29
208	Ring-contraction of hantzsch esters and their derivatives to pyrroles via electrochemical extrusion of ethyl acetate out of aromatic rings. Green Chemistry, 2021, 23, 3468-3473.	9.0	10
209	Recent advances in electrochemically driven radical fluorination and fluoroalkylation. Organic Chemistry Frontiers, 2021, 8, 2786-2798.	4.5	69
210	Electrochemically driven stereoselective approach to syn-1,2-diol derivatives from vinylarenes and DMF. Chemical Science, 2021, 12, 5892-5897.	7.4	29
211	Metal-free electrochemical C3-sulfonylation of imidazo[1,2-a]pyridines. Organic Chemistry Frontiers, 2021, 8, 3815-3819.	4.5	31
212	Energy-, time-, and labor-saving synthesis of Î±-ketiminophosphonates: machine-learning-assisted simultaneous multiparameter screening for electrochemical oxidation. Green Chemistry, 2021, 23, 5825-5831.	9.0	18
213	Chemoselective electrochemical reduction of nitroarenes with gaseous ammonia. Organic and Biomolecular Chemistry, 2021, 19, 2468-2472.	2.8	14
214	Electrocatalytic hydrogenation of benzoic acids in a proton-exchange membrane reactor. Organic and Biomolecular Chemistry, 2021, 19, 7363-7368.	2.8	18
215	Regioselective intramolecular sp² Câ€"H amination: direct vs. mediated electrooxidation. Organic Chemistry Frontiers, 2021, 8, 1581-1586.	4.5	18
216	Aryl-Iodide-Mediated Electrochemical Aziridination of Electron-Deficient Alkenes. Chinese Journal of Organic Chemistry, 2021, 41, 4014.	1.3	6

#	Article	IF	Citations
217	Electrochemical Arylation of Aldehydes, Ketones, and Alcohols: from Cathodic Reduction to Convergent Paired Electrolysis. Angewandte Chemie - International Edition, 2021, 60, 7275-7282.	13.8	100
218	Electrochemical Thiolation and Borylation of Arylazo Sulfones with Thiols and B₂pin₂. Advanced Synthesis and Catalysis, 2021, 363, 1904-1911.	4.3	17
219	Transition Metalâ€Free Synthesis of Sulfonylâ€and Bromoâ€Substituted Indolo[2,1â€Î±]isoquinoline Derivatives through Electrochemical Radical Cascade Cyclization. Advanced Synthesis and Catalysis, 2021, 363, 1944-1954.	4.3	36
220	De Novo and Divergent Synthesis of Highly Functionalized Furans by Cascade Reactions of 2â€Hydroxyâ€1,4â€diones with Nucleophiles. Chemistry - A European Journal, 2021, 27, 5225-5229.	3.3	7
221	Electrochemical Arylation of Aldehydes, Ketones, and Alcohols: from Cathodic Reduction to Convergent Paired Electrolysis. Angewandte Chemie, 2021, 133, 7351-7358.	2.0	17
222	Electrochemical Radical Silylâ€Oxygenation of Activated Alkenes. Angewandte Chemie, 2021, 133, 8826-8831.	2.0	11
223	Electrochemical generation of nitrogen-centered radicals for organic synthesis. Green Synthesis and Catalysis, 2021, 2, 165-178.	6.8	130
224	Electroâ€Oxidative Coupling Reactions Leading to Ï€â€Conjugated Compounds. Chemical Record, 2021, 21, 2269-2276.	5.8	8
225	Efficient Aerobic Oxidation of Organic Molecules by Multistep Electron Transfer. Angewandte Chemie - International Edition, 2021, 60, 15686-15704.	13.8	45
226	Electrochemical esterification via oxidative coupling of aldehydes and alcohols. Tetrahedron Letters, 2021, 68, 152898.	1.4	3
227	Electrosynthesis in Laminar Flow Using a Flow Microreactor. Chemical Record, 2021, 21, 2164-2177.	5.8	14
228	Efficient Aerobic Oxidation of Organic Molecules by Multistep Electron Transfer. Angewandte Chemie, 2021, 133, 15818-15836.	2.0	8
229	Synthetic Semiconductor Photoelectrochemistry. Chemical Record, 2021, 21, 2223-2238.	5.8	17
230	Electrochemical Radical Silylâ€Oxygenation of Activated Alkenes. Angewandte Chemie - International Edition, 2021, 60, 8744-8749.	13.8	65
231	Shonoâ€Type Oxidation for Functionalization of Nâ€Heterocycles. Chemical Record, 2021, 21, 2239-2253.	5.8	17
232	Chlorination Reaction of Aromatic Compounds and Unsaturated Carbonâ€“Carbon Bonds with Chlorine on Demand. Organic Letters, 2021, 23, 3015-3020.	4.6	32
233	Catalystâ€and Reagentâ€Free Formal Azaâ€Wacker Cyclizations Enabled by Continuousâ€Flow Electrochemistry. Angewandte Chemie - International Edition, 2021, 60, 11237-11241.	13.8	47
234	Electrochemical Aziridination of Tetrasubstituted Alkenes with Ammonia. CCS Chemistry, 2022, 4, 693-703.	7.8	16

#	Article	IF	Citations
235	Catalystâ€•and Reagentâ€Free Formal Azaâ€Wacker Cyclizations Enabled by Continuousâ€Flow Electrochemistry. Angewandte Chemie, 2021, 133, 11337-11341.	2.0	2
236	Reaching the Full Potential of Electroorganic Synthesis by Paired Electrolysis. Chemical Record, 2021, 21, 2574-2584.	5.8	44
237	Palladiumâ€Catalyzed Aromatic Câˆ'H Functionalizations Utilizing Electrochemical Oxidations. Chemical Record, 2021, 21, 2320-2331.	5.8	11
238	Electrochemical Synthesis of Iminoâ€‹Câ€Nucleosides by â€œReactivity Switchingâ€•Methodology for inâ€…situ Generated Glycoside Donors. European Journal of Organic Chemistry, 2021, 2021, 2479-2484.	2.4	10
239	Recent advances in direct synthesis of 2-deoxy glycosides and thioglycosides. Tetrahedron, 2021, 88, 132140.	1.9	29
240	An electrochemical multicomponent [3Â+ 1Â+ 1] annulations to synthesize polysubstituted 1,2,4-triazoles. Tetrahedron, 2021, 87, 132111.	1.9	15
241	Organic Electrosynthesis Towards Sustainability: Fundamentals and Greener Methodologies. Chemical Record, 2021, 21, 2453-2471.	5.8	52
242	Electrochemical Oxidation Dearomatization of Anisol Derivatives toward Spiropyrrolidines and Spirolactones. CCS Chemistry, 2022, 4, 1199-1207.	7.8	35
243	Electrochemical Tandem Cyclization of Unsaturated Oximes with Diselenides: A General Approach to Seleno Isoxazolines Derivatives with Quaternary Carbon Center. European Journal of Organic Chemistry, 2021, 2021, 2431-2435.	2.4	17
244	Metalâ€“Organic Frameworks for Photo/Electrocatalysis. Advanced Energy and Sustainability Research, 2021, 2, 2100033.	5.8	123
245	Electrophotocatalytic Acetoxyhydroxylation of Aryl Olefins. Journal of the American Chemical Society, 2021, 143, 7247-7252.	13.7	77
246	Ynonylation of Acyl Radicals by Electroinduced Homolysis of 4-Acyl-1,4-dihydropyridines. Organic Letters, 2021, 23, 4960-4965.	4.6	20
247	Aziridine synthesis by coupling amines and alkenes via an electrogenerated dication. Nature, 2021, 596, 74-79.	27.8	82
248	Electrochemical Synthesis of Organic Polysulfides from Disulfides by Sulfur Insertion from S₈ and an Unexpected Solvent Effect on the Product Distribution. Chemistry - A European Journal, 2021, 27, 11141-11149.	3.3	6
249	Electrochemical Assembly for Synthesis of Middleâ€Sized Organic Molecules. Chemical Record, 2021, 21, 2389-2396.	5.8	11
250	Câ€“H Amination via Electrophotocatalytic Ritter-type Reaction. Journal of the American Chemical Society, 2021, 143, 8597-8602.	13.7	100
251	Dissecting the Flash Chemistry of Electrogenerated Reactive Intermediates by Microdroplet Fusion Mass Spectrometry. Angewandte Chemie - International Edition, 2021, 60, 18494-18498.	13.8	22
252	Copper catalyzed late-stage C(sp3)-H functionalization of nitrogen heterocycles. Nature Communications, 2021, 12, 4342.	12.8	21

#	Article	IF	Citations
253	The Longer Route can be Better: Electrosynthesis in Extended Path Flow Cells. Chemical Record, 2021, 21, 2472-2487.	5.8	9
254	Dissecting the Flash Chemistry of Electrogenerated Reactive Intermediates by Microdroplet Fusion Mass Spectrometry. Angewandte Chemie, 2021, 133, 18642-18646.	2.0	6
255	Direct Electrochemical Selenylation/Cyclization of Alkenes: Access to Functionalized Benzheterocycles. Journal of Organic Chemistry, 2021, 86, 16045-16058.	3.2	31
256	Electrochemically Catalyzed Nâ€“N Coupling and Ring Cleavage Reaction of 1H-Pyrazoles. Synthesis, 2021, 53, 3591-3596.	2.3	3
257	Electrochemical Oxidation Cross Dehydrogenative Coupling of Enamines and Thiophenols for the Synthesis of Vinyl Sulfides. ChemistrySelect, 2021, 6, 6460-6463.	1.5	5
259	Application of an Electrochemical Microflow Reactor for Cyanosilylation: Machine Learning-Assisted Exploration of Suitable Reaction Conditions for Semi-Large-Scale Synthesis. Journal of Organic Chemistry, 2021, 86, 16035-16044.	3.2	19
260	Tunable System for Electrochemical Reduction of Ketones and Phthalimides. Chinese Journal of Chemistry, 2021, 39, 3297-3302.	4.9	19
261	Synthetische molekulare Photoelektrochemie: neue synthetische Anwendungen, mechanistische Einblicke und MÃ¶glichkeiten zur Skalierung. Angewandte Chemie, 2022, 134, .	2.0	3
262	Electrochemical Radical Selenylation of Alkenes and Arenes via Seâ€“Se Bond Activation. Organic Letters, 2021, 23, 7724-7729.	4.6	46
263	Synthetic Molecular Photoelectrochemistry: New Frontiers in Synthetic Applications, Mechanistic Insights and Scalability. Angewandte Chemie - International Edition, 2022, 61, .	13.8	90
264	Synthesis of Oligosaccharides of Glucosamine by Automated Electrochemical Assembly. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2021, 79, 839-848.	0.1	5
265	Constant Potential and Constant Current Electrolysis: An Introduction and Comparison of Different Techniques for Organic Electrosynthesis. Journal of Organic Chemistry, 2021, 86, 15866-15874.	3.2	30
266	Domino Cross-Scholl Reaction of Tetracene with Molecular Benzene: Synthesis, Structure, and Mechanism. Organic Letters, 2021, 23, 7921-7926.	4.6	4
267	Biphasic electrochemical peptide synthesis. Chemical Science, 2021, 12, 12911-12917.	7.4	27
268	Mangana(<scp>iii</scp>/<scp>iv</scp>)electro-catalyzed C(sp³)â€“H azidation. Chemical Science, 2021, 12, 2890-2897.	7.4	69
269	Electrochemical Oxidative Arylsulfonylation and 1,<scp>2â€Alkyl</scp> Shift Sequences of Alkenyl Cyclobutanols for the Synthesis of <scp>Î²â€Sulfonated</scp> Cyclopentanones. Bulletin of the Korean Chemical Society, 2021, 42, 510-513.	1.9	16
270	Electrocatalytic asymmetric hydrogenation of Î±,Î²-unsaturated acids in a PEM reactor with cinchona-modified palladium catalysts. Electrochemistry Communications, 2020, 115, 106734.	4.7	22
271	Electrochemistry under Flow Conditions. RSC Green Chemistry, 2019, , 153-198.	0.1	4

#	Article	IF	Citations
272	Electrocatalytic three-component annulation-halosulfonylation of 1,6-enynes toward 1-indanones using sodium halides as both halogen sources and electrolytes. Green Chemistry, 2020, 22, 4259-4269.	9.0	62
273	Electrochemically enabled synthesis of sulfide imidazopyridines via a radical cyclization cascade. Green Chemistry, 2020, 22, 6334-6339.	9.0	117
274	EC-Backward-E Electrochemistry in Radical Cation Diels-Alder Reactions. Journal of the Electrochemical Society, 2020, 167, 155518.	2.9	11
275	Mechanistic Studies on TiO₂ Photoelectrochemical Radical Cation [2 + 2] Cycloadditions. Journal of the Electrochemical Society, 2020, 167, 155529.	2.9	9
276	Redox-Neutral Radical-Cation Reactions: Multiple Carbonâ€“Carbon Bond Formations Enabled by Single-Electron Transfer. Electrochemistry, 2020, 88, 497-506.	1.4	12
277	Enantioselective palladaelectro-catalyzed Câ€“H olefinations and allylations for Nâ€“C axial chirality. Chemical Science, 2021, 12, 14182-14188.	7.4	52
278	Electrochemical fluorosulfonylation of styrenes. Chemical Communications, 2021, 57, 11481-11484.	4.1	13
279	Anodic substitution reaction of carbamates in a flow microreactor using a stable emulsion solution. Reaction Chemistry and Engineering, 2021, 6, 2024-2028.	3.7	3
280	Electrochemical metal- and oxidant-free synthesis of S-thiocarbamates. Organic and Biomolecular Chemistry, 2021, 19, 9491-9500.	2.8	10
281	Can the Philicity of Radicals Be Influenced by Oriented External Electric Fields?. Organic Letters, 2022, 24, 1-5.	4.6	4
282	Metal-Free Hydropyridylation of Thioester-Activated Alkenes via Electroreductive Radical Coupling. Journal of Organic Chemistry, 2021, 86, 16204-16212.	3.2	20
283	Application of Electrochemical Cross-Dehydrogenative Couplings in the Syntheses of Heterocycles. , 2019, , 445-494.		0
284	Intermolecular Carbonâ€“Carbon Bond Formation Followed by Intramolecular Cyclization of Electrochemically Generated Magnesium Anthracenes and Esters in the Presence of Chlorotrimethylsilane. Electrochemistry, 2020, 88, 314-320.	1.4	0
285	Highly selective electroreductive linear dimerization of electron-deficient vinylarenes. Tetrahedron, 2021, 102, 132535.	1.9	3
286	Peroxovanadic based core-shell bifunctional poly(ionic liquid)s catalyst CuO/SiO2@V-PIL: Its in-situ free radical initiation mechanism for air oxidative desulfurization. Fuel, 2022, 310, 122430.	6.4	12
287	Electrochemical Oxidative Selenolactonization of Alkenoic Acids with Diselenides: Synthesis of Selenated Î³â€Lactones. Asian Journal of Organic Chemistry, 2021, 10, 3271-3274.	2.7	13
288	Advances on the Merger of Electrochemistry and Transition Metal Catalysis for Organic Synthesis. Chemical Reviews, 2022, 122, 3180-3218.	47.7	173
289	PhB(OH)₂-Promoted Electrochemical Sulfurationâ€“Formyloxylation of Styrenes and Selectfluor-Mediated Oxidationâ€“Olefination. Organic Letters, 2021, 23, 9140-9145.	4.6	15

#	Article	IF	Citations
290	Electrochemically Mediated Esterification of Aromatic Aldehydes with Aliphatic Alcohols via Anodic Oxidation. Chinese Journal of Organic Chemistry, 2021, 41, 4718.	1.3	8
291	Flash Electrochemical Approach to Carbocations. Angewandte Chemie, 2022, 134, .	2.0	0
292	Electrochemical Î±-thiolation and azidation of 1,3-dicarbonyls. Chemical Communications, 2022, 58, 2758-2761.	4.1	5
293	Electrochemical Fluorination of Vinyl Boronates through Donorâ€Stabilized Vinyl Carbocation Intermediates**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	11
294	Flash Electrochemical Approach to Carbocations. Angewandte Chemie - International Edition, 2022, 61, .	13.8	19
295	Synthese von C â€Oligosacchariden via vielseitiger C(sp 3)â€Hâ€Glykosylierung von Glykosiden. Angewandte Chemie, 0, , .	2.0	7
296	Electrochemical dehydrogenative Câ€“N coupling of hydrazones for the synthesis of 1H-indazoles. Green Chemistry, 2022, 24, 1463-1468.	9.0	9
297	Oxidant-free C-H sulfonylation of enamides: Electrochemical synthesis of Î²-amidovinyl and carbonyl sulfones from sulfonyl hydrazide and enamides. Tetrahedron Letters, 2022, 88, 153576.	1.4	7
298	Synthesis of Câ€Oligosaccharides through Versatile C(sp³)â^'H Glycosylation of Glycosides. Angewandte Chemie - International Edition, 2022, 61, .	13.8	23
299	Dicarbonyl compounds in the synthesis of heterocycles under green conditions. ChemistrySelect, 2020, .	1.5	1
300	Electrochemical oxidative bromolactonization of unsaturated carboxylic acids with sodium bromide: Synthesis of bromomethylated Î³-lactones. Tetrahedron Letters, 2022, 88, 153567.	1.4	7
301	Generation of Dimethyl Sulfoxide Coordinated Thermally Stable Halogen Cation Pools for Câ^'H Halogenation. Advanced Synthesis and Catalysis, 2022, 364, 1031-1038.	4.3	15
302	Electrochemical Fluorination of Vinyl Boronates through Donorâ€Stabilized Vinyl Carbocation Intermediates**. Angewandte Chemie, 0, , e202113972.	2.0	0
303	Electrochemistry Enabled Nickelâ€Catalyzed Selective Câ^'S Bond Coupling Reaction. European Journal of Organic Chemistry, 2022, 2022, .	2.4	5
304	Forging C-C Bonds through Intramolecular Oxidative Coupling of Organoborates â€“ an Overview. Synthesis, 0, 0, .	2.3	3
305	Electro-Oxidative sp³ Câ€“H Bond Functionalization and Annulation Cascade: Synthesis of Novel Heterocyclic Substituted Indolizines. Journal of Organic Chemistry, 2022, 87, 2898-2911.	3.2	15
306	Aza-Oxyallyl Cation Driven 3-Amido Oxetane Rearrangement to 2-Oxazolines: Access to Oxazoline Amide Ethers. Journal of Organic Chemistry, 2022, , .	3.2	5
307	Electrochemical synthesis for Î±-arylation of ketones using enol acetates and aryl diazonium salts. Organic Chemistry Frontiers, 2022, 9, 2215-2219.	4.5	7

#	Article	IF	Citations
308	Electroreductive 4-pyridylation of unsaturated compounds using gaseous ammonia as a hydrogen source. Organic Chemistry Frontiers, 2022, 9, 2634-2639.	4.5	8
309	Electrochemical bromolactonization of alkenoic acids with carbon tetrabromide: Synthesis of bromomethylated Î³-lactones. Synthetic Communications, 2022, 52, 402-412.	2.1	4
310	Progress in the Electrochemical Reactions of Sulfonyl Compounds. ChemSusChem, 2022, 15, .	6.8	15
311	Direct Anodic Nâ€Î± Hydroxylation: Accessing Versatile Intermediates for Azanucleoside Derivatives. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	3
312	Visibleâ€Lightâ€Induced, Singleâ€Metalâ€Catalyzed, Directed Câ^'H Functionalization: Metalâ€Substrateâ€Bound Complexes as Lightâ€Harvesting Agents. Angewandte Chemie, 2022, 134, .	2.0	2
313	A Flow Electrochemical Cell with Split Bipolar Electrode for Anodic Oxidation of Organic Compounds. ChemElectroChem, 2022, 9, .	3.4	7
314	Visibleâ€Lightâ€Induced, Singleâ€Metalâ€Catalyzed, Directed Câ^'H Functionalization: Metalâ€Substrateâ€Bound Complexes as Lightâ€Harvesting Agents. Angewandte Chemie - International Edition, 2022, 61, .	13.8	15
315	Electrochemical Oxidative orthoâ€Selective Trifluoromethylation of Nâ€Arylamides. ChemElectroChem, 2022, 9, .	3.4	4
316	Recent Advances in the Functionalization of Terminal and Internal Alkynes. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	23
317	Electrophotocatalytic Câ^'H Hydroxyalkylation of Heteroaromatics with Aldehydes. Advanced Synthesis and Catalysis, 2022, 364, 1732-1737.	4.3	11
318	<scp>Electrooxidationâ€Induced</scp> C(sp³)â€“H/C(sp²)â€“H <scp>Radicalâ€Radical Crossâ€Coupling</scp> between Xanthanes and <scp>Electronâ€Rich</scp> Arenes. Chinese Journal of Chemistry, 2022, 40, 1422-1428.	4.9	15
319	Oxidation of benzyl alcohol using linear paired electrolysis. Journal of Environmental Chemical Engineering, 2022, 10, 107490.	6.7	1
320	Electrochemical Synthesis of Allylic Amines from Terminal Alkenes and Secondary Amines. Journal of the American Chemical Society, 2021, 143, 21503-21510.	13.7	60
321	The electrochemically selective C3-thiolation of quinolines. Organic Chemistry Frontiers, 2022, 9, 2986-2993.	4.5	11
322	Flash Synthesis and Continuous Production of C-Arylglycosides in a Flow Electrochemical Reactor. Frontiers in Chemical Engineering, 2022, 4, .	2.7	5
323	Redox-active Polymeric Materials. RSC Green Chemistry, 2022, , 249-273.	0.1	0
324	Electrochemical 5-exo-dig aza-cyclization of 2-alkynylbenzamides toward 3-hydroxyisoindolinone derivatives. Organic and Biomolecular Chemistry, 2022, 20, 4320-4323.	2.8	4
325	Electrochemical Sulfoxidation of Thiols and Alkyl Halides. Journal of Organic Chemistry, 2022, 87, 6942-6950.	3.2	7

#	Article	IF	Citations
326	Electrochemical Method: A Green Approach for the Synthesis of Organic Compounds. Current Organic Chemistry, 2022, 26, 899-919.	1.6	3
327	Electroediting of Soft Polymer Backbones. Journal of the American Chemical Society, 2022, 144, 8885-8891.	13.7	12
328	Development of a multistep, electrochemical flow platform for automated catalyst screening. Catalysis Science and Technology, 2022, 12, 4266-4272.	4.1	3
329	Electrochemical cascade synthesis of Î±-thio-substituted masked aldehydes. Green Chemistry, 2022, 24, 4783-4788.	9.0	7
330	The â€œEx-cellâ€•approach to organic electrosynthesis. Current Opinion in Electrochemistry, 2022, 35, 101069.	4.8	2
331	Electropolymerization without an electric power supply. Communications Chemistry, 2022, 5, .	4.5	8
332	Synthesis of cyclic Î±-1,4-oligo-N-acetylglucosamine â€˜cyclokasaodorinâ€™ via a one-pot electrochemical polyglycosylationâ€“isomerizationâ€“cyclization process. Chemical Communications, 2022, 58, 7948-7951.	4.1	7
333	Difluoromethylation of heterocyclesviaa radical process. Organic Chemistry Frontiers, 2022, 9, 4192-4208.	4.5	14
334	Progress in Convergent Paired Electrolysis. Chemistry - A European Journal, 2022, 28, .	3.3	17
335	Electrochemical Synthesis of Azaborininones under Metalâ€Catalystâ€Free Mild Conditions. European Journal of Organic Chemistry, 2022, 2022, .	2.4	3
336	Rapid access to organic triflates based on flash generation of unstable sulfonium triflates in flow. Chemical Communications, 2022, 58, 8344-8347.	4.1	8
337	Electrosynthesis Governed by Electrolyte: Case Studies that Give Some Hints for the Rational Design of Electrolyte. Electrochemistry, 2022, , .	1.4	2
338	Electrophotocatalysis: Combining Light and Electricity to Catalyze Reactions. Journal of the American Chemical Society, 2022, 144, 12567-12583.	13.7	101
339	Electrochemical Cyclization of Alkynyl Enaminones: Controllable Synthesis of Indeno[1,2-c]pyrroles or Indanones. Journal of Organic Chemistry, 2022, 87, 11131-11140.	3.2	2
340	Electrochemical Synthesis of Polysubstituted Oxazoles from Ketones and Acetonitrile. Organic Letters, 2022, 24, 5762-5766.	4.6	16
341	Electrochemical vicinal oxyazidation of Î±-arylvinyl acetates. Beilstein Journal of Organic Chemistry, 0, 18, 1026-1031.	2.2	3
342	Electrochemical Aerobic Oxygenation and Nitrogenation of Cyclic Alkenes via Câ•C Bond Cleavage or Oxygenation and Azidation of Open-Chain Alkenes. Journal of Organic Chemistry, 2022, 87, 11031-11041.	3.2	7
343	Electrochemical Oxidative C(sp²)â€“H Amination of Aldehyde Hydrazones with Azoles. Organic Letters, 2022, 24, 5874-5878.	4.6	8

#	Article	IF	Citations
344	Electrochemical Friedelâ€“Crafts-type amidomethylation of arenes by a novel electrochemical oxidation system using a quasi-divided cell and trialkylammonium tetrafluoroborate. Beilstein Journal of Organic Chemistry, 0, 18, 1040-1046.	2.2	2
345	Site-Selective Synthesis of N-Benzyl 2,4,6-Collidinium Salts by Electrooxidative Câ€“H Functionalization. Organic Letters, 2022, 24, 6060-6065.	4.6	4
346	Recent advances in photo- and electro-enabled radical silylation. Organic Chemistry Frontiers, 2022, 9, 6400-6415.	4.5	43
347	Electricity-driven redox-neutral C(sp³)â€“H amidation withN-alkoxyamide as an amidating reagent. Organic Chemistry Frontiers, 2022, 9, 5571-5577.	4.5	2
348	Electrochemical deoxygenative reduction of ketones. Chemical Communications, 2022, 58, 11155-11158.	4.1	9
349	Paired Electrolysis for Decarboxylative Cyanation: 4-CN-Pyridine, a Versatile Nitrile Source. Organic Letters, 2022, 24, 6357-6363.	4.6	14
350	Electricity Promoted Chemoselective Functionalization of Alkenes: Diastereoselective Synthesis of Oxindole Containing Thioethers and Selenoethers. ChemistrySelect, 2022, 7, .	1.5	3
351	Electrochemically Generated Iodine Cations from a Glassy Carbon Electrode for Highly Selective Iodination of Anisole. Transactions of Tianjin University, 0, , .	6.4	2
352	Reductive opening of a cyclopropane ring in the Ni(II) coordination environment: a route to functionalized dehydroalanine and cysteine derivatives. Beilstein Journal of Organic Chemistry, 0, 18, 1166-1176.	2.2	0
353	Divergent Cå^'H Amidations and Imidations by Tuning Electrochemical Reaction Potentials. ChemSusChem, 2022, 15, .	6.8	3
354	Recent Advances in the Electrochemical Functionalization of Isocyanides. Chemical Record, 2023, 23, .	5.8	8
355	Electrochemical Cå^'H Oxidation/Conjugate Addition/Cyclization Sequences of 2â€Alkyl Phenols: Oneâ€Pot Synthesis of 2â€Aminoâ€4Hâ€chromenes. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	6
356	Probing Electron Transfer Events in Radical Cation Cycloadditions: Intramolecular vs. Intermolecular. European Journal of Organic Chemistry, 0, , .	2.4	1
357	Design and Short-step Synthesis of Ï€-Conjugated Networks toward n-Type Semiconducting Materials. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2022, 80, 930-940.	0.1	0
358	Electroreductive cross-coupling between aldehydes and ketones or imines via cathodically generated dianions. Green Chemistry, 2022, 24, 8386-8392.	9.0	7
359	Electrooxidative dehydrogenative coupling of 1,4-naphthoquinones with amines: Facile access to 2-amino-1,4-naphthoquinones. Tetrahedron Letters, 2022, 112, 154208.	1.4	2
360	Transitionâ€Metalâ€Free Methods for the Remote Cå^'H Bond Functionalization of Cyclic Amines. Asian Journal of Organic Chemistry, 2023, 12, .	2.7	6
362	Photochemical Radical Cation Cycloadditions of Aryl Vinyl Ethers. European Journal of Organic Chemistry, 2022, 2022, .	2.4	4

#	Article	IF	Citations
363	Electrochemical Nâ€Centered Radical Addition/Semipinacol Rearrangement Sequence of Alkenyl Cyclobutanols: Synthesis of Î²â€Amino Cyclic Ketones. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	5
364	Electrochemical Bromofunctionalization of Alkenes and Alkynesâ€"To Sustainability and Beyond. Sustainable Chemistry, 2022, 3, 430-454.	4.7	10
365	Designing Modular Assembly of Electrochemical Flow Microreactor as an Enabling Technology of Electrosynthesis in Laminar Flow. European Journal of Organic Chemistry, 2022, 2022, .	2.4	3
366	Light-driven radical-polar crossover catalysis for cross-coupling with organosilanes. Tetrahedron Letters, 2022, 112, 154231.	1.4	4
367	Electrochemical Reductive Functionalization of Alkenes with Deuterochloroform as a One-Carbon Deuteration Block. Organic Letters, 2022, 24, 8645-8650.	4.6	8
368	Electrochemically enhanced deoxygenative cross-coupling of aryl ketones with heteroarenes throughin situgenerated benzyl carbocations. Organic and Biomolecular Chemistry, 2022, 21, 80-84.	2.8	3
369	Indirect Electrochemicalâ€Induced Trifluoromethylation of Tryptophan Containing Oligopeptides. Asian Journal of Organic Chemistry, 2023, 12, .	2.7	8
370	Direct Hydroxylarylation of Benzylic Carbons (sp³/sp²/sp) via Radicalâ€"Radical Cross-Coupling Powered by Paired Electrolysis. Journal of Organic Chemistry, 2023, 88, 329-340.	3.2	8
371	Electrochemical Oxidative Thiocyanosulfonylation of Aryl Acetylenes. Chinese Journal of Organic Chemistry, 2022, 42, 4275.	1.3	4
372	Electrochemically driven [4+2] benzannulation: synthesis of polycyclic (hetero)aromatic compounds. Chemical Communications, 2023, 59, 1681-1684.	4.1	2
373	Electricity-driven asymmetric bromocyclization enabled by chiral phosphate anion phase-transfer catalysis. Nature Communications, 2023, 14, .	12.8	7
374	Electrochemical-induced cross-coupling for organic and bioorganic synthesis. Chem Catalysis, 2023, 3, 100513.	6.1	2
375	Discovery of Anodic Thiourea Oxidation as a Sustainable Counter Reaction to Boost Electro-Reductive Organic Transformations. ACS Sustainable Chemistry and Engineering, 2023, 11, 2449-2454.	6.7	2
376	Polychlorinated alkylation annulation of N-arylacrylamide under electrochemical conditions. New Journal of Chemistry, 2023, 47, 5780-5785.	2.8	3
377	Electrochemical synthesis of the protected cyclic (1,3;1,6)-Î²-glucan dodecasaccharide. Faraday Discussions, 0, 247, 59-69.	3.2	0
378	Contemporary photoelectrochemical strategies and reactions in organic synthesis. Chemical Communications, 2023, 59, 3487-3506.	4.1	11
379	Electrochemical Difunctionalization of Alkenes: Simultaneous Construction of Câ€"Se and Câ€"S Bonds. Journal of Organic Chemistry, 2023, 88, 5321-5328.	3.2	10
380	Electroreductive Dicarboxylation of Unactivated Skipped Dienes with CO₂. Angewandte Chemie - International Edition, 2023, 62, .	13.8	10

#	Article	IF	Citations
381	Cobalt-catalyzed enantioselective intramolecular reductive cyclization via electrochemistry. Nature Communications, 2023, 14, .	12.8	10
382	Catalyst-Free Electrochemical Sulfonylation of Organoboronic Acids. Journal of Organic Chemistry, 2023, 88, 2296-2305.	3.2	4
383	Electrochemically Enabled Direct C3â€Formylation of Imidazopyridines with Me₃N as a Carbonyl Source. Chemistry - an Asian Journal, 2023, 18, .	3.3	3
384	Electrochemical Oxidative Phosphorylations of Glycine Derivatives with R₂P(O)â^'Hâ€Containing Compounds via C(sp³)â^'H Functionalisation. Advanced Synthesis and Catalysis, 2023, 365, 900-905.	4.3	4
385	Radical Cation [2+2] Cycloadditions Enabled by Surface-Assisted Pseudo-Intramolecular Electron Transfers. Synthesis, 0, , .	2.3	1
386	Electricity-Promoted Friedelâ€“Crafts Acylation of Biarylcarboxylic Acids. Journal of Organic Chemistry, 2023, 88, 3794-3801.	3.2	4
387	Electrochemical Syntheses of Polycyclic Aromatic Hydrocarbons (PAHs). Advanced Materials, 2023, 35, .	21.0	3
388	Using a nitrogen-centered radical as a selective mediator in electrochemical C(sp3)-H amination. Chem Catalysis, 2023, 3, 100582.	6.1	9
389	Electrochemical electrophilic bromination/spirocyclization of N-benzyl-acrylamides to brominated 2-azaspiro[4.5]decanes. Green Chemistry, 2023, 25, 3543-3548.	9.0	38
390	Electroreductive Dicarboxylation of Unactivated Skipped Dienes with CO2. Angewandte Chemie, 0, , .	2.0	0
391	Electrochemical deoxygenative arylation of aldehydes and ketones. Chemical Communications, 2023, 59, 5587-5590.	4.1	2
392	Electrochemical Allylic Alkylation of Morita-Baylis-Hillman Adducts and N-Hydroxyphthalimide Esters towards C(sp³)â€"C(sp³) Bond Formation. Chinese Journal of Organic Chemistry, 2023, 43, 1574.	1.3	2
393	Challenges in unconventional catalysis. Catalysis Today, 2023, 420, 114180.	4.4	12
394	Insights into reactivity trends for electrochemical Câ€“N bond formations. Organic and Biomolecular Chemistry, 2023, 21, 4290-4296.	2.8	0
395	Deep Electroreductive Chemistry: Harnessing Carbon- and Silicon-Based Reactive Intermediates in Organic Synthesis. ACS Catalysis, 2023, 13, 8038-8048.	11.2	11
396	Recent Advances in the Direct Synthesis of Sulfurâ€Containing Organophosphorus Compounds via Radical Processes. Advanced Synthesis and Catalysis, 2023, 365, 2280-2298.	4.3	5
397	Electrochemically Generated Carbanions Enable Isomerizing Allylation and Allenylation of Aldehydes with Alkenes and Alkynes. Journal of the American Chemical Society, 2023, 145, 14143-14154.	13.7	8
398	Electrochemically Driven Hydrogen Atom Transfer Catalysis: A Tool for C(sp³)/Siâ€“H Functionalization and Hydrofunctionalization of Alkenes. ACS Catalysis, 2023, 13, 8731-8751.	11.2	16

#	Article	IF	Citations
399	Electrochemical oxidation of allylic C H bond for Î±, Î²-unsaturated ketones without peroxide. Journal of Saudi Chemical Society, 2023, 27, 101673.	5.2	0
400	Electro-catalytic multicomponent reaction toward asymmetrical biaryls through heteroarylation of ‹i›in situ‹/i› generated fused polycyclic heteroaromatics. Organic Chemistry Frontiers, 2023, 10, 2790-2797.	4.5	2
401	Electrochemical Synthesis of Sultone Derivatives via Dehydrogenative Câ€“O Bond Formation. Organic Letters, 2023, 25, 3476-3481.	4.6	3
402	Metalâ€Free Electrochemical Hydroboration of Olefins. Advanced Synthesis and Catalysis, 2023, 365, 1788-1793.	4.3	2
403	Electro-Oxidative Synthesis of Phenazines. Organic Letters, 2023, 25, 3772-3777.	4.6	3
404	Electrochemical four-component aminochlorination tuned by benzimidazoles. Organic Chemistry Frontiers, 2023, 10, 3353-3360.	4.5	1
405	Electrochemical Organic Synthesis in Aqueous Media. Israel Journal of Chemistry, 2024, 64, .	2.3	2
406	Electrochemical Asymmetric Diacetoxylation of Styrenes Mediated by Chiral Iodoarene Catalyst**. European Journal of Organic Chemistry, 2023, 26, .	2.4	2
407	Electrochemical Dearomatizing Spirolactonization and Spiroetherification of Naphthols and Phenols. Synthesis, 2023, 55, 4173-4180.	2.3	1
408	Pre-electrolysis of LiClO‹sub›4‹/sub› in Acetonitrile: Electrochemically Induced Protolytic Carbonâ€“Carbon Bond Formation of Benzylic Ethers and Acetals with Allyl Trimethylsilane and Other Carbon Nucleophiles. Journal of Organic Chemistry, 2023, 88, 12526-12530.	3.2	0
409	Electrochemical Late-Stage Functionalization. Chemical Reviews, 2023, 123, 11269-11335.	47.7	15
410	Electrochemical deoxygenative homo-couplings of aromatic aldehydes. Chemical Communications, 2023, 59, 13062-13065.	4.1	1
411	Progress toward Sustainable Methods for Polymer Synthesis and Editing. ACS Symposium Series, 0, , 149-161.	0.5	0
412	Electrocatalytic Desulfurizative Amination of Thioureas to Guanidines. Journal of Organic Chemistry, 2023, 88, 14601-14609.	3.2	1
413	Stereoselective Shono Oxidations: Use of Alkylidene Protective Groups. Electrochemistry, 2023, 91, 112010-112010.	1.4	0
414	Electrochemical Assembly Strategies of Polymer and Hybrid Thin Films for (Bio)sensors, Charge Storage, and Triggered Release. Langmuir, 2023, 39, 11149-11165.	3.5	1
415	Recent Progress in Zweifel Olefination: An Update. Synthesis, 0, , .	2.3	0
416	Direct Electrochemical C(sp3)â€“H Amidation Enabled by Hexafluoroisopropanol (HFIP). SynOpen, 2023, 07, 491-495.	1.7	0

#	Article	IF	Citations
417	Electrochemical Coupling Reactions Using Nonâ€Transition Metal Mediators: Recent Advances. European Journal of Organic Chemistry, 2023, 26, .	2.4	0
418	Catalytic Synthesis of Silanols by Hydroxylation of Hydrosilanes: From Chemoselectivity to Enantioselectivity. Chemistry - A European Journal, 2024, 30, .	3.3	1
419	Electrochemical Decarboxylative Elimination of Carboxylic Acids to Alkenes. Organic Letters, 2023, 25, 7816-7821.	4.6	2
420	A tutorial on asymmetric electrocatalysis. Chemical Society Reviews, 2023, 52, 8106-8125.	38.1	3
421	Recent advances in paired electrolysis and their application in organic electrosynthesis. Current Opinion in Electrochemistry, 2024, 43, 101425.	4.8	1
422	Direct electrochemical difluorination and azo-fluorination of gem-difluorostyrenes. Organic Chemistry Frontiers, 2023, 11, 142-148.	4.5	2
423	Advanced Electroanalysis for Electrosynthesis. ACS Organic & Inorganic Au, 0, , .	4.0	0
424	Electrochemically Driven Tandem Cyclization Reaction of Unsaturated Sulfoximines with Diselenides. European Journal of Organic Chemistry, 2024, 27, .	2.4	0
425	Electrochemical oxidative dehydrogenative annulation of 1-(2-aminophenyl)pyrroles with cleavage of ethers to synthesize pyrrolo[1,2-a]quinoxaline derivatives. Organic and Biomolecular Chemistry, 0, , .	2.8	0
426	Aromatic C(sp²)â^'H Functionalization by Consecutive Paired Electrolysis: Dibromination of Aryl Amines with Dibromoethane at Room Temperature. Chemistry - A European Journal, 2024, 30, .	3.3	0
427	Peptide coupling using recyclable bicyclic benziodazolone. Chemical Communications, 0, , .	4.1	1
428	Selective electrochemical acceptorless dehydrogenation reactions of tetrahydroisoquinoline derivatives. Organic and Biomolecular Chemistry, 0, , .	2.8	0
429	Electrohydrogenation of Nitriles with Amines by Cobalt Catalysis. Angewandte Chemie - International Edition, 2024, 63, .	13.8	1
430	Electrohydrogenation of Nitriles with Amines by Cobalt Catalysis. Angewandte Chemie, 2024, 136, .	2.0	0
431	Anodic Oxidation of Methanol to Formaldehyde Synergizing with a Br^{â€}/Br₂ Redoxâ€Mediated Chemical Route to Produce Methyl Formate. ChemSusChem, 0, , .	6.8	0
432	CBr₄ as a Mild Oxidantâ€Enabled Oxidation of a sp³ Câ^'H Bond: A Facile Synthesis of the Persistent Iminium Salts of Tetrahydroisoquinolines. Chemistry - A European Journal, 2024, 30, .	3.3	0
434	Electrochemical generation and utilization of radical intermediates. Current Opinion in Electrochemistry, 2024, 44, 101447.	4.8	0
435	Electrochemical Reductive Cross-Coupling of Vinyl Bromides for the Synthesis of 1,3-Dienes. Organic Letters, 2024, 26, 994-999.	4.6	0

#	Article	IF	Citations
436	Site-Selective Electrochemical Arene Câ€“H Amination. Journal of the American Chemical Society, 2024, 146, 3591-3597.	13.7	1
437	Electrochemical Desulfurizative Amination of Heteroaromatic Thiols by Iodine Catalysis. ChemCatChem, 2024, 16, .	3.7	0
438	Metalâ€Free Regioselective Chlorosulfenylation of Indoles by Dimethylsulfoxide and 1,2â€Dichloroethane. European Journal of Organic Chemistry, 2024, 27, .	2.4	0
439	Electrochemical-Induced Câ€“N Bond Formation: A New Method to Synthesis (Z)-Quinazolinone Oximes Using Primary Amines and Quinazolin-4(3H)-one. Organic Letters, 2024, 26, 1271-1276.	4.6	0
440	Electrochemical Dearomatizing Methoxylation of Phenols and Naphthols: Synthetic and Computational Studies. Chemistry - A European Journal, 2024, 30, .	3.3	0
441	Electrochemical multicomponent [2+2+1] cascade cyclization of enaminones and primary amines towards the synthesis of 4-acylimidazoles. Chemical Communications, 2024, 60, 2677-2680.	4.1	0
442	A Hydrogen Evolution Catalyst [Co₂O₂] Metallacycle Enables Regioselective Allene C(sp²)â€H Functionalization. Angewandte Chemie - International Edition, 2024, 63, .	13.8	0
443	A Hydrogen Evolution Catalyst [Co₂O₂] Metallacycle Enables Regioselective Allene C(sp²)â€H Functionalization. Angewandte Chemie, 2024, 136, .	2.0	0
444	A Scalable Solution to Constant-Potential Flow Electrochemistry. Organic Process Research and Development, 0, , .	2.7	0
445	Synthetic electrochemistry for peptides. Current Opinion in Electrochemistry, 2024, 45, 101469.	4.8	0
446	Recent Advances in Nickel-Catalyzed Ring Opening Cross-Coupling of Aziridines. Acta Chimica Sinica, 2024, 82, 190.	1.4	0
447	Carbocationoids, a concept for controlling highly reactive cationic species. Communications Chemistry, 2024, 7, .	4.5	0
448	Catalyst-free electrochemical SNAr of electron-rich fluoroarenes using carboxylic acids. EScience, 2024, , 100255.	41.6	0
449	Continuous Flow Electroselenocyclization of Allylamides and Unsaturated Oximes to Selenofunctionalized Oxazolines and Isoxazolines. ACS Organic & Inorganic Au, 0, , .	4.0	0