

Aiwen Lei

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

474
papers

29,901
citations

92
h-index

150
g-index

637
ext. papers

34,499
ext. citations

9
avg, IF

7.84
L-index

#	Paper	IF	Citations
474	Carbonylation of C (sp ³)? X Bonds Utilizing CO 2022 , 459-532		
473	K ₂ S ₂ O ₈ -induced site-selective phenoxazination/phenothiazination of electron-rich anilines. <i>Green Chemistry</i> , 2022 , 24, 147-151	10	2
472	Scalable and selective deuteration of (hetero)arenes.. <i>Nature Chemistry</i> , 2022 ,	17.6	5
471	Paired electrolysis enabled annulation for the quinolyl-modification of bioactive molecules.. <i>Chemical Science</i> , 2022 , 13, 2310-2316	9.4	1
470	Electrochemical oxidative N-H/P-H cross-coupling with H evolution towards the synthesis of tertiary phosphines.. <i>Chemical Science</i> , 2022 , 13, 3002-3008	9.4	3
469	Electrochemical Synthesis of Aryl Sulfonates from Sodium Sulfinates and Phenols under Metal-Free Conditions. <i>Chinese Journal of Organic Chemistry</i> , 2022 , 42, 600	3	
468	Precise electro-reduction of alkyl halides for radical defluorinative alkylation. <i>Science China Chemistry</i> , 2022 , 65, 762-770	7.9	4
467	Facile fabrication of highly dispersed Pd catalyst on nanoporous chitosan and its application in environmental catalysis.. <i>Carbohydrate Polymers</i> , 2022 , 286, 119313	10.3	0
466	Synthesis of 1-indazoles by an electrochemical radical C-H/N-H cyclization of arylhydrazones.. <i>Chemical Communications</i> , 2021 ,	5.8	3
465	Time-Resolved EPR Revealed the Formation, Structure, and Reactivity of N-Centered Radicals in an Electrochemical C(sp)-H Arylation Reaction. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	10
464	Electrochemically selective double C(sp)-X (X = S/Se, N) bond formation of isocyanides. <i>Chemical Science</i> , 2021 , 12, 14121-14125	9.4	2
463	Mn-Catalyzed Electrooxidative Undirected C _H /P _H Cross-Coupling between Aromatics and Diphenyl Phosphine Oxides. <i>ACS Catalysis</i> , 2021 , 11, 4295-4300	13.1	15
462	Electrochemical C-C bond cleavage of cyclopropanes towards the synthesis of 1,3-difunctionalized molecules. <i>Nature Communications</i> , 2021 , 12, 3075	17.4	14
461	Photoinduced Radical Relay Way Toward α -CF ₃ Ketones with Low-Cost Trifluoromethylation Reagents. <i>CCS Chemistry</i> , 2021 , 3, 1710-1717	7.2	1
460	Electrochemical Oxidative C ₃ Acyloxylation of Imidazo[1,2-]pyridines with Hydrogen Evolution. <i>Organic Letters</i> , 2021 , 23, 5932-5936	6.2	6
459	Organozinc pivalates for cobalt-catalyzed difluoroalkylarylation of alkenes. <i>Nature Communications</i> , 2021 , 12, 4366	17.4	9
458	Electrochemical dual-oxidation strategy enables access to α -chlorosulfoxides from sulfides. <i>Science Bulletin</i> , 2021 , 67, 79-79	10.6	6

457	Electrochemical Oxidative Carbon-Atom Difunctionalization: Towards Multisubstituted Imino Sulfide Ethers. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1573-1577	16.4	8
456	Electrochemical Oxidative Carbon-Atom Difunctionalization: Towards Multisubstituted Imino Sulfide Ethers. <i>Angewandte Chemie</i> , 2021 , 133, 1597-1601	3.6	0
455	Electrochemical oxidative thiocyanation and amination of enamines towards the synthesis of multi-substituted alkenes. <i>Green Chemistry</i> , 2021 , 23, 763-766	10	11
454	Electrochemical Oxidative Functionalization of Arylalkynes: Access to α -Dibromo Aryl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 1022-1027	5.6	6
453	The Real Structure of Pd(OAc) ₂ in Various Solvents <i>Chinese Journal of Chemistry</i> , 2021 , 39, 307-311	4.9	6
452	Chitin microsphere supported Pd nanoparticles as an efficient and recoverable catalyst for CO oxidation and Heck coupling reaction. <i>Carbohydrate Polymers</i> , 2021 , 251, 117020	10.3	8
451	Electrochemical Palladium-Catalyzed Intramolecular C–N Amination of 2-Amidobiaryls for Synthesis of Carbazoles. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 143-148	4.9	13
450	Metal-free electrochemical C3-sulfonylation of imidazo[1,2-a]pyridines. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 3815-3819	5.2	8
449	Recent advances in electrochemical oxidative cross-coupling with hydrogen evolution involving radicals. <i>Chemical Society Reviews</i> , 2021 , 50, 10058-10086	58.5	33
448	Electrochemical Oxidation Enables Regioselective and Scalable C(sp)-H Acyloxylation of Sulfides. <i>Journal of the American Chemical Society</i> , 2021 , 143, 3628-3637	16.4	22
447	Recent advances in organic electrosynthesis employing transition metal complexes as electrocatalysts. <i>Science Bulletin</i> , 2021 , 66, 2412-2412	10.6	35
446	Manganese-catalyzed chlorosulfonylation of terminal alkene and alkyne via convergent paired electrolysis. <i>Cell Reports Physical Science</i> , 2021 , 2, 100476	6.1	2
445	Electrochemical Ring Expansion to Synthesize Medium-Sized Lactams Through C–C Bond Cleavage. <i>CCS Chemistry</i> , 2021 , 3, 2233-2244	7.2	4
444	Electrochemical Palladium-Catalyzed Oxidative Sonogashira Carbonylation of Arylhydrazines and Alkynes to Ynones. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12460-12466	16.4	6
443	Electrochemical Reductive Arylation of Nitroarenes with Arylboronic Acids. <i>ChemSusChem</i> , 2021 ,	8.3	3
442	Electrochemical Radical Selenylation of Alkenes and Arenes via Se–Se Bond Activation. <i>Organic Letters</i> , 2021 , 23, 7724-7729	6.2	5
441	Electrochemical (3+2) cyclization between amides and olefins. <i>Chem Catalysis</i> , 2021 ,		3
440	Electrochemical synthesis of versatile ammonium oxides under metal catalyst-, exogenous-oxidant-, and exogenous-electrolyte-free conditions. <i>Chemical Communications</i> , 2021 , 57, 2768-2771	5.8	1

439	In Situ Synthesis of CuN /Mesoporous N-Doped Carbon for Selective Oxidative Crosscoupling of Terminal Alkynes under Mild Conditions.. <i>Small</i> , 2021 , e2105178	11	2
438	Direct electrooxidation of alkynes to benzoin bis-ethers. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 4064-4068	5.2	8
437	Electrochemical oxidative C(sp ³)H azolation of lactams under mild conditions. <i>Green Chemistry</i> , 2020 , 22, 3742-3747	10	21
436	Electrochemical Oxidative [4+2] Annulation for the Extension of Unfunctionalized Heterobiaryl Compounds. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15238-15243	16.4	22
435	Electrochemical Oxidative [4+2] Annulation for the Extension of Unfunctionalized Heterobiaryl Compounds. <i>Angewandte Chemie</i> , 2020 , 132, 15350-15355	3.6	8
434	Electrochemical Synthesis of 2,5-Disubstituted 1,3,4-Oxadiazoles from Keto Acids and Acylhydrazines Under Mild Conditions. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 3257-3260	3.2	8
433	Electrochemical oxidation-induced etherification via C(sp)-H/O-H cross-coupling. <i>Science Advances</i> , 2020 , 6, eaaz0590	14.3	28
432	Mn-Catalyzed Electrochemical Radical Cascade Cyclization toward the Synthesis of Benzo[4,5]imidazo[2,1-a]isoquinolin-6(5H)-one Derivatives. <i>ACS Catalysis</i> , 2020 , 10, 6676-6681	13.1	55
431	Oxidant-Induced Azolation of Electron-Rich Phenol Derivatives. <i>Organic Letters</i> , 2020 , 22, 5429-5433	6.2	8
430	Is electrosynthesis always green and advantageous compared to traditional methods?. <i>Nature Communications</i> , 2020 , 11, 802	17.4	105
429	Cobalt catalyzed electrochemical [4 + 2] annulation for the synthesis of sultams. <i>Green Chemistry</i> , 2020 , 22, 1548-1552	10	22
428	Electrooxidation Enables Selective Dehydrogenative [4+2] Annulation between Indole Derivatives. <i>Angewandte Chemie</i> , 2020 , 132, 7260-7264	3.6	5
427	Palladium-Catalyzed Electro-oxidative C-H Amination toward the Synthesis of Pyrido[1,2-a]benzimidazoles with Hydrogen Evolution. <i>ACS Catalysis</i> , 2020 , 10, 3828-3831	13.1	27
426	Electrooxidation Enables Selective Dehydrogenative [4+2] Annulation between Indole Derivatives. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7193-7197	16.4	31
425	Regioselective/electro-oxidative intermolecular [3 + 2] annulation for the preparation of indolines. <i>Chemical Science</i> , 2020 , 11, 2181-2186	9.4	23
424	Electrochemical Selective Oxidative Functionalization of Caffeine. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 1138-1143	5.6	6
423	Cobalt-Catalyzed Arylation of Substituted Bromo Fluoro Lactams with Diaryl Zinc Reagents: Generalization to Functionalized Bromo Derivatives. <i>Chemistry - A European Journal</i> , 2020 , 26, 13163-13169	4.8	7
422	Electrochemical oxidative aminocarbonylation of terminal alkynes. <i>Nature Catalysis</i> , 2020 , 3, 438-445	36.5	40

4 ²¹	Electrochemical Dearomative Halocyclization of Tryptamine and Tryptophol Derivatives. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1070-1074	4.9	14
4 ²⁰	Efficient electrosynthesis of sulfinic esters via oxidative cross-coupling between alcohols and thiophenols. <i>Journal of the Chinese Chemical Society</i> , 2020 , 67, 192-196	1.5	7
4 ¹⁹	Electrooxidation enables highly regioselective dearomative annulation of indole and benzofuran derivatives. <i>Nature Communications</i> , 2020 , 11, 3	17.4	38
4 ¹⁸	Recent Advances in Electrochemical Oxidative Cross-Coupling of Alkenes with H ₂ Evolution. <i>ChemCatChem</i> , 2020 , 12, 27-40	5.2	33
4 ¹⁷	Electrochemical Oxidative Cross-Coupling of Enaminones and Thiophenols to Construct C-S Bonds. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 4005-4008	4.5	2
4 ¹⁶	Single electron transfer-based peptide/protein bioconjugations driven by biocompatible energy input. <i>Communications Chemistry</i> , 2020 , 3,	6.3	14
4 ¹⁵	Electrochemical oxidative decarboxylation and 1,2-aryl migration towards the synthesis of 1,2-diaryl ethers. <i>Chemical Science</i> , 2020 , 11, 10000-10004	9.4	12
4 ¹⁴	Manganese-Catalyzed Oxidative Azidation of C(sp)-H Bonds under Electrophotocatalytic Conditions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17693-17702	16.4	85
4 ¹³	Electrochemical oxidative cyclization of olefinic carbonyls with diselenides. <i>Green Chemistry</i> , 2019 , 21, 4976-4980	10	35
4 ¹²	Preparation of Polyfunctional Biaryl Derivatives by Cyclolanthanation of 2-Bromobiaryls and Heterocyclic Analogues Using nBu LaCl ₂ ?4 LiCl. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15631-15635	16.4	16
4 ¹¹	Synergy of anodic oxidation and cathodic reduction leads to electrochemical deoxygenative C2 arylation of quinoline N-oxides. <i>Chemical Communications</i> , 2019 , 55, 11091-11094	5.8	20
4 ¹⁰	Green Oxidative Synthesis of Amines, Amides, and Imines 2019 , 181-197		1
4 ⁰⁹	Electrochemical Arylation of Electron-Deficient Arenes through Reductive Activation. <i>Angewandte Chemie</i> , 2019 , 131, 15894-15898	3.6	9
4 ⁰⁸	Dioxygen-triggered oxidative cleavage of the C-S bond towards C-N bond formation. <i>Chemical Communications</i> , 2019 , 55, 12332-12335	5.8	3
4 ⁰⁷	Electrochemical oxidation synergizing with Brønsted-acid catalysis leads to [4 + 2] annulation for the synthesis of pyrazines. <i>Green Chemistry</i> , 2019 , 21, 765-769	10	24
4 ⁰⁶	Electrochemical oxidative C-H/S-H cross-coupling between enamines and thiophenols with H ₂ evolution. <i>Chemical Science</i> , 2019 , 10, 2791-2795	9.4	49
4 ⁰⁵	Visible light-induced direct C-H functionalization of alcohols. <i>Nature Communications</i> , 2019 , 10, 467	17.4	92
4 ⁰⁴	Electrochemical oxidative C-H/N-H cross-coupling for C-N bond formation with hydrogen evolution. <i>Chemical Communications</i> , 2019 , 55, 1809-1812	5.8	72

403	Oxidation-Induced β -Selective C-H Bond Functionalization: Thiolation and Selenation of N-Heterocycles. <i>ACS Catalysis</i> , 2019 , 9, 1888-1894	13.1	25
402	Revealing the reduction process of Cu(II) by sodium bis(trimethylsilyl)amide. <i>Faraday Discussions</i> , 2019 , 220, 105-112	3.6	3
401	External-Oxidant-Free Electrochemical Oxidative Trifluoromethylation of Arenes Using CF ₃ SO ₂ Na as the CF ₃ Source. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 817-820	4.9	16
400	Direct electrochemical oxidation of alcohols with hydrogen evolution in continuous-flow reactor. <i>Nature Communications</i> , 2019 , 10, 2796	17.4	69
399	Electrochemical Oxidative Aryl(alkyl)trifluoromethylation of Allyl Alcohols via 1,2-Migration. <i>Organic Letters</i> , 2019 , 21, 4619-4622	6.2	45
398	Reply to Correspondence on "Carbon-Centered Radical Addition to O=C of Amides or Esters as a Route to C-O Bond Formations". <i>Chemistry - A European Journal</i> , 2019 , 25, 7768-7770	4.8	3
397	Recent Advances in Oxidative R-H/R-H Cross-Coupling with Hydrogen Evolution via Photo-/Electrochemistry. <i>Chemical Reviews</i> , 2019 , 119, 6769-6787	68.1	321
396	Cover Picture: Electrochemical Oxidative C(sp ³)/S-H Cross-Coupling with Hydrogen Evolution for Synthesis of Tetrasubstituted Olefins (Chin. J. Chem. 6/2019). <i>Chinese Journal of Chemistry</i> , 2019 , 37, 538-538	4.9	
395	Recent Advances in Electrochemical Oxidative Cross-Coupling for the Construction of C-S Bonds. <i>Synlett</i> , 2019 , 30, 1149-1163	2.2	31
394	Synergy of Anodic Oxidation and Cathodic Reduction Leads to Electrochemical C-H Halogenation. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 611-615	4.9	24
393	Electrochemical Oxidative C(sp ³)/S-H Cross-Coupling with Hydrogen Evolution for Synthesis of Tetrasubstituted Olefins. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 547-551	4.9	13
392	Visible-Light-Induced C(sp)-H Oxidative Arylation with Heteroarenes. <i>Organic Letters</i> , 2019 , 21, 2441-2444	4.2	58
391	Electrochemical C-H/N-H Oxidative Cross Coupling of Imidazopyridines with Diarylamines to Synthesize Triarylamine Derivatives. <i>ChemElectroChem</i> , 2019 , 6, 4173-4176	4.3	14
390	Exogenous-oxidant-free electrochemical oxidative C-H phosphonylation with hydrogen evolution. <i>Chemical Communications</i> , 2019 , 55, 4230-4233	5.8	53
389	Mott-Schottky Effect Leads to Alkyne Semihydrogenation over Carbon. <i>ACS Catalysis</i> , 2019 , 9, 4632-4641	13.1	49
388	Electrochemical Oxidative Clean Halogenation Using HX/NaX with Hydrogen Evolution. <i>Science</i> , 2019 , 12, 293-303	6.1	70
387	Electrooxidative para-selective C-H/N-H cross-coupling with hydrogen evolution to synthesize triarylamine derivatives. <i>Nature Communications</i> , 2019 , 10, 639	17.4	76
386	Electrochemical Aminoselenation and Oxyselenation of Styrenes with Hydrogen Evolution. <i>Organic Letters</i> , 2019 , 21, 1297-1300	6.2	59

385	Electrochemical oxidative annulation of amines and aldehydes or ketones to synthesize polysubstituted pyrroles. <i>Green Chemistry</i> , 2019 , 21, 4941-4945	10	19
384	Ni-Catalyzed enantioselective reductive aryl-alkenylation of alkenes: application to the synthesis of (+)-physovenine and (+)-physostigmine. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 3305-3309	5.2	39
383	Electrochemical Oxidative C-H Sulfonylation of Anilines. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1838-1841	3	11
382	Electrochemical Arylation of Electron-Deficient Arenes through Reductive Activation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15747-15751	16.4	33
381	Electrochemical oxidation induced selective tyrosine bioconjugation for the modification of biomolecules. <i>Chemical Science</i> , 2019 , 10, 7982-7987	9.4	41
380	Hexafluoro-2-Propanol-Promoted Electro-Oxidative [3+2] Annulation of 1,3-Dicarbonyl Compounds and Alkenes. <i>ChemElectroChem</i> , 2019 , 6, 3383-3386	4.3	10
379	Visible-Light-Induced [4+2] Annulation of Thiophenes and Alkynes to Construct Benzene Rings. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12206-12210	16.4	13
378	Visible-Light-Induced [4+2] Annulation of Thiophenes and Alkynes to Construct Benzene Rings. <i>Angewandte Chemie</i> , 2019 , 131, 12334-12338	3.6	1
377	Visible Light Mediated External Oxidant Free Selective C5 Bromination of 8-Aminoquinoline Amides under Ambient Conditions. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1136-1140	3	9
376	Herstellung von polyfunktionellen Biarylderivaten durch Cyclolanthianierung von 2-Bromobiarylen und heterocyclischen Analoga unter Verwendung von nBu ₂ LaCl ₂ ·4 LiCl. <i>Angewandte Chemie</i> , 2019 , 131, 15777-15782	3.6	5
375	Synthesis of Isoxazolines and Oxazines by Electrochemical Intermolecular [2 + 1 +] Annulation: Diazo Compounds Act as Radical Acceptors. <i>Organic Letters</i> , 2019 , 21, 9300-9305	6.2	13
374	Photocatalytic decarboxylative coupling between α-carboxylic acids and alkenes. <i>Science China Chemistry</i> , 2019 , 62, 1497-1500	7.9	8
373	XANES/EPR Evidence of the Oxidation of Nickel(II) Quinolinypropioamide and Its Application in Csp ² -H Functionalization. <i>Chemistry - A European Journal</i> , 2019 , 25, 4931-4934	4.8	4
372	Selective Photoredox Trifluoromethylation of Tryptophan-Containing Peptides. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 7596-7605	3.2	16
371	Exogenous-oxidant- and catalyst-free electrochemical deoxygenative C2 sulfonylation of quinoline N-oxides. <i>Chemical Communications</i> , 2019 , 55, 13852-13855	5.8	30
370	Electrochemical Oxidative Cross-Coupling with Hydrogen Evolution Reactions. <i>Accounts of Chemical Research</i> , 2019 , 52, 3309-3324	24.3	259
369	Electrochemical oxidation induced intermolecular aromatic C-H imidation. <i>Nature Communications</i> , 2019 , 10, 5467	17.4	40
368	Catalyst-free electrochemical decarboxylative cross-coupling of N-hydroxyphthalimide esters and N-heteroarenes towards C(sp ²)-C(sp ²) bond formation. <i>Chemical Communications</i> , 2019 , 55, 14922-14925	5.8	33

- 367 Electrochemical Oxidative C(sp³)-H/N-H Cross-Coupling for N-Mannich Bases with Hydrogen Evolution. *ChemSusChem*, **2019**, 12, 3073-3077 8.3 15
- 366 Electrochemical/Photochemical Aminations Based on Oxidative Cross-Coupling between C_H and N_H. *Synthesis*, **2019**, 51, 83-96 2.9 22
- 365 Electrochemical Oxidative C_H Sulfonylation of Imidazopyridines with Hydrogen Evolution. *Chinese Journal of Chemistry*, **2019**, 37, 49-52 4.9 52
- 364 Recent advances in iodine mediated electrochemical oxidative cross-coupling. *Organic and Biomolecular Chemistry*, **2018**, 16, 2375-2387 3.9 104
- 363 Cobalt-catalyzed electrooxidative C-H/N-H [4+2] annulation with ethylene or ethyne. *Nature Communications*, **2018**, 9, 798 17.4 163
- 362 Cobalt(II)-Catalyzed Electrooxidative C-H Amination of Arenes with Alkylamines. *Journal of the American Chemical Society*, **2018**, 140, 4195-4199 16.4 213
- 361 Electrochemical Oxidative C_H Amination of Phenols: Access to Triarylamine Derivatives. *Angewandte Chemie*, **2018**, 130, 4827-4831 3.6 35
- 360 Electrochemical Oxidative C-H Amination of Phenols: Access to Triarylamine Derivatives. *Angewandte Chemie - International Edition*, **2018**, 57, 4737-4741 16.4 120
- 359 External Oxidant-Free Dehydrogenative Lactonization of 2-Arylbenzoic Acids via Visible-Light Photocatalysis. *Journal of Organic Chemistry*, **2018**, 83, 3582-3589 4.2 31
- 358 Multi-Metal-Catalyzed Oxidative Radical Alkynylation with Terminal Alkynes: A New Strategy for C(sp)-C(sp) Bond Formation. *Journal of the American Chemical Society*, **2018**, 140, 6006-6013 16.4 56
- 357 Electrochemical Intramolecular C_H/O_H Cross-Coupling of 2-Arylbenzoic Acids. *Chinese Journal of Chemistry*, **2018**, 36, 619-624 4.9 26
- 356 Oxidation-induced ortho-selective C_H bond functionalization of 2-naphthylamine derivative. *Science China Chemistry*, **2018**, 61, 1274-1277 7.9 4
- 355 DDQ-Catalyzed Direct C(sp³)_H Amination of Alkylheteroarenes: Synthesis of Biheteroarenes under Aerobic and Metal-Free Conditions. *ACS Catalysis*, **2018**, 8, 2195-2199 13.1 41
- 354 Ultra-small Pd clusters supported by chitin nanowires as highly efficient catalysts. *Nano Research*, **2018**, 11, 3145-3153 10 25
- 353 Visible light-mediated oxidative C(sp)-H phosphonylation for β -aminophosphonates under oxidant-free conditions. *Chemical Communications*, **2018**, 54, 1659-1662 5.8 46
- 352 Electrochemical Oxidative Cross-coupling with Hydrogen Evolution: A Green and Sustainable Way for Bond Formation. *CheM*, **2018**, 4, 27-45 16.2 459
- 351 A stable rhodium single-site catalyst encapsulated within dendritic mesoporous nanochannels. *Nanoscale*, **2018**, 10, 1047-1055 7.7 10
- 350 Elucidating the structure of a high-spin β phenyliron(III) species in a live FeCl-PhZnCl reaction system. *Chemical Communications*, **2018**, 54, 1481-1484 5.8 2

349	Electrochemical Acceptorless Dehydrogenation of N-Heterocycles Utilizing TEMPO as Organo-Electrocatalyst. <i>ACS Catalysis</i> , 2018 , 8, 1192-1196	13.1	88
348	Oxidation-Induced C _H Functionalization: A Formal Way for C _H Activation. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 692-697	4.9	42
347	Copper-catalyzed selective radical-radical cross-coupling for C-S bond formation: an access to α -alkylthionitriles. <i>Chemical Communications</i> , 2018 , 54, 5574-5577	5.8	22
346	Visible-Light-Induced C _H Functionalization and C _C /C _X Bond-Forming Oxidative Cross-Coupling Reactions. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1164-1177	3	26
345	Cobalt-Catalyzed Electrochemical Oxidative C _H /N _H Carbonylation with Hydrogen Evolution. <i>ACS Catalysis</i> , 2018 , 8, 5448-5453	13.1	92
344	Selective formation of phthalimides from amines, aldehydes and CO by Pd-catalyzed oxidative C _H aminocarbonylation. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 1957-1961	5.2	4
343	Oxidative [4+2] annulation of styrenes with alkynes under external-oxidant-free conditions. <i>Nature Communications</i> , 2018 , 9, 1225	17.4	57
342	Oxidation induced C(sp ³)-O cleavage via visible-light photoredox catalysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 355, 120-124	4.7	7
341	Electrochemical oxidative oxysulfonylation and aminosulfonylation of alkenes with hydrogen evolution. <i>Science Advances</i> , 2018 , 4, eaat5312	14.3	78
340	Low-Pressure Flow Chemistry of CuAAC Click Reaction Catalyzed by Nanoporous AuCu Membrane. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25930-25935	9.5	17
339	Size-controllable ultrafine palladium nanoparticles immobilized on calcined chitin microspheres as efficient and recyclable catalysts for hydrogenation. <i>Nanoscale</i> , 2018 , 10, 14719-14725	7.7	29
338	Electro-Oxidative S-H/S-H Cross-Coupling with Hydrogen Evolution: Facile Access to Unsymmetrical Disulfides. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8115-8119	16.4	102
337	The synergistic effect of self-assembly and visible-light induced the oxidative C-H acylation of N-heterocyclic aromatic compounds with aldehydes. <i>Chemical Communications</i> , 2018 , 54, 5744-5747	5.8	41
336	Electro-Oxidative S _H /S _H Cross-Coupling with Hydrogen Evolution: Facile Access to Unsymmetrical Disulfides. <i>Angewandte Chemie</i> , 2018 , 130, 8247-8251	3.6	27
335	Synthesis of Thiophene-Based π -Conjugated Oligomers via Ligand-Enabled Pd-Catalyzed Suzuki-Miyaura Coupling of Haloterthienyls. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1660-1663	4.5	2
334	External Oxidant-Free Regioselective Cross Dehydrogenative Coupling of 2-Arylimidazoheterocycles and Azoles with H ₂ Evolution via Photoredox Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 3220-3227	5.6	40
333	Oxidation-Induced para-Selective Formylation of N,N-Substituted Aniline. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1571-1574	3	0
332	Tuning radical reactivity for selective radical/radical cross-coupling. <i>Science Bulletin</i> , 2018 , 63, 1006-1009	10.6	38

331	Phonon-Driven Oscillatory Plasmonic Excitonic Nanomaterials. <i>Nano Letters</i> , 2018 , 18, 442-448	11.5	8
330	Selective Oxidative [4+2] Imine/Alkene Annulation with H Liberation Induced by Photo-Oxidation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1286-1290	16.4	72
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38	Ni-catalyzed mild arylation of alpha-halocarbonyl compounds with arylboronic acids. <i>Organic Letters</i> , 2007 , 9, 5601-4	6.2	91
37	"Click saccharides": novel separation materials for hydrophilic interaction liquid chromatography. <i>Chemical Communications</i> , 2007 , 2491-3	5.8	166
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28	Enantioselective syntheses of 3,4,5-trisubstituted β -lactones: formal synthesis of (β -blastmycinolactol. <i>Tetrahedron Letters</i> , 2005 , 46, 1823-1826	2	37
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23	Highly Enantioselective Cycloisomerization of Enynes Catalyzed by Rhodium for the Preparation of Functionalized Lactams. <i>Angewandte Chemie</i> , 2002 , 114, 4708-4711	3.6	32
22	Highly enantioselective Rh-catalyzed intramolecular Alder-ene reactions for the syntheses of chiral tetrahydrofurans. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3457-60	16.4	85
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