

Huanfeng Jiang

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.

521
papers

20,616
citations

72
h-index

109
g-index

544
ext. papers

23,393
ext. citations

6.4
avg, IF

7.45
L-index

#	Paper	IF	Citations
521	Construction of Fluorinated Amino Acid Derivatives via Cobalt-Catalyzed Oxidative Difunctionalization of Cyclic Ethers.. <i>Organic Letters</i> , 2022 ,	6.2	1
520	Steric-switched defluorofunctionalization selectivity: controlled synthesis of monofluoroalkene-masked medium-sized heterocyclic lactams and lactones. <i>Science China Chemistry</i> , 2022 , 65, 554-562	7.9	5
519	Visible light-driven efficient palladium catalyst turnover in oxidative transformations within confined frameworks.. <i>Nature Communications</i> , 2022 , 13, 928	17.4	2
518	Intermolecular diastereoselective annulation of azaarenes into fused N-heterocycles by Ru(II) reductive catalysis.. <i>Nature Communications</i> , 2022 , 13, 2393	17.4	3
517	Recent advances in fixation of CO ₂ into organic carbamates through multicomponent reaction strategies. <i>Chinese Journal of Catalysis</i> , 2022 , 43, 1598-1617	11.3	1
516	Divergent Synthesis of Skeletally Distinct Arboridinine and Arborisidine. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	1
515	Synthesis of functionalized benzimidazoles oxidative tandem quartic C-H aminations and cleavage of C-N and C-C bonds. <i>Chemical Communications</i> , 2021 , 57, 12976-12979	5.8	1
514	Photocatalyzed Coupling-Cyclization of α -Alkynylaryl Vinyl ethers with Arylsulfonyl Azides. <i>Journal of Organic Chemistry</i> , 2021 , 86, 14572-14585	4.2	3
513	Selective construction of fused heterocycles by mild oxidative C-H functionalization using non-metallic catalysis. <i>Cell Reports Physical Science</i> , 2021 , 2, 100383	6.1	1
512	[3+1+1] Annulation Reaction of Benzo-1,2-Quinones, Aldehydes and Hydroxylamine Hydrochloride: Access to Benzoxazoles with Inorganic Nitrogen Source. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 2124-2132	5.6	2
511	Solvent-Switched Oxidation Selectivities with O ₂ : Controlled Synthesis of β -Difluoro(thio)methylated Alcohols and Ketones. <i>Angewandte Chemie</i> , 2021 , 133, 12145-12152	3.6	6
510	Solvent-Switched Oxidation Selectivities with O : Controlled Synthesis of β -Difluoro(thio)methylated Alcohols and Ketones. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12038-12045	16.4	10
509	Rh(III)-Catalyzed Csp-Csp β Bond Enolation of β Dolyl Alcohols. <i>Organic Letters</i> , 2021 , 23, 3965-3969	6.2	1
508	One-Pot Palladium-Catalyzed Carbonylative Sonogashira Coupling using Carbon Dioxide as Carbonyl Source. <i>ChemCatChem</i> , 2021 , 13, 2843-2851	5.2	0
507	Photocatalyzed cycloaromatization of vinylsilanes with arylsulfonylazides. <i>Nature Communications</i> , 2021 , 12, 3304	17.4	10
506	B(C ₆ F ₅) ₃ -Catalyzed Hydroarylation of Terminal Alkynes with Phenols. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 3962-3967	5.6	4
505	syn-Selective Construction of Fused Heterocycles by Catalytic Reductive Tandem Functionalization of N-Heteroarenes. <i>ACS Catalysis</i> , 2021 , 11, 9271-9278	13.1	6

504	Base-Promoted Three-Component Cascade Reaction of β -Hydroxy Ketones, Malonodinitrile, and Alcohols: Direct Access to Tetrasubstituted N-Pyrroles. <i>Journal of Organic Chemistry</i> , 2021 , 86, 9610-9620	4.2	6
503	Ruthenium/acid co-catalyzed reductive β -phosphinoxylation of 1,8-naphthyridines with diarylphosphine oxides. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 106-111	5.2	1
502	Selective Synthesis of Non-Aromatic Five-Membered Sulfur Heterocycles from Alkynes by using a Proton Acid/N-Chlorophthalimide System. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1313-1322	16.4	3
501	Asymmetric Total Synthesis of Dankasterones A and B and Periconiastone A Through Radical Cyclization. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5512-5518	16.4	14
500	Two C(sp)-F Bond Activation in a CF Group: -Defluorinative Amination Triggered 1,3-Diamination of (Trifluoromethyl)alkenes with Indoles, Carbazoles, Pyrroles, and Sulfonamides. <i>Organic Letters</i> , 2021 , 23, 66-70	6.2	14
499	Selective Synthesis of Non-Aromatic Five-Membered Sulfur Heterocycles from Alkynes by using a Proton Acid/N-Chlorophthalimide System. <i>Angewandte Chemie</i> , 2021 , 133, 1333-1342	3.6	1
498	Palladium-catalyzed aerobic oxyarylation of alkynone -methyloximes with arylhydrazines and elemental sulfur. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 3396-3403	3.9	3
497	Selective construction of fused heterocycles by an iridium-catalyzed reductive three-component annulation reaction. <i>Chemical Communications</i> , 2021 , 57, 8292-8295	5.8	2
496	Rh(III)-Catalyzed Csp ² -Csp ³ bond alkoxylation of β -indolyl alcohols via C-C bond cleavage. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 2949-2954	5.2	1
495	Copper-catalyzed four-component reaction of alkenes, Togni's reagent, amines and CO ₂ : stereoselective synthesis of (Z)-enol carbamates. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 1851-1857	5.2	2
494	Recent advances in aminative difunctionalization of alkenes. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 3036-3054	3.9	18
493	Stereodivergent synthesis of β -doenol carbamates with CO photocatalysis. <i>Chemical Science</i> , 2021 , 12, 11821-11830	9.4	3
492	Rh(III)-Catalyzed sulfonylation of β -indolyl alcohols via Csp ² -Csp ³ bond cleavage. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 983-987	5.2	3
491	Reductive electrophilic C-H alkylation of quinolines by a reusable iridium nanocatalyst. <i>Chemical Science</i> , 2021 , 12, 13802-13808	9.4	5
490	Recent advances in NHC-palladium catalysis for alkyne chemistry: versatile synthesis and applications. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 3502-3524	5.2	3
489	Regioselective Synthesis of 5-Trifluoromethylpyrazoles by [3 + 2] Cycloaddition of Nitrile Imines and 2-Bromo-3,3,3-trifluoropropene. <i>Journal of Organic Chemistry</i> , 2021 , 86, 2810-2819	4.2	11
488	Rh(III)-Catalyzed Csp ² -Csp ³ Bond Cleavage/Carbonylethylation of β -Indolyl Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 1672-1684	5.6	2
487	Metal-bipyridine/phenanthroline-functionalized porous crystalline materials: Synthesis and catalysis. <i>Coordination Chemistry Reviews</i> , 2021 , 438, 213907	23.2	5

486	Practical iridium-catalyzed direct arylation of N-heteroarenes with (hetero)arylboronic acids by HO-mediated H evolution. <i>Nature Communications</i> , 2021 , 12, 4206	17.4	6
485	Visible-Light-Catalyzed in Situ Denitrogenative Sulfonylation of Sulfonylhydrazones. <i>Organic Letters</i> , 2021 , 23, 6784-6788	6.2	2
484	Bimetal Cooperatively Catalyzed Arylalkynylation of Alkynylsilanes. <i>Organic Letters</i> , 2021 , 23, 6724-6728	6.2	1
483	Pd-Catalyzed Sequential Formation of C-C Bonds: A New Strategy for the Synthesis of α,β -Unsaturated Carbonyl Compounds from Sulfoxonium Ylides and 1-Iodo-2-((2-methylallyl)oxy)benzene Compounds. <i>Journal of Organic Chemistry</i> , 2021 , 86, 11545-11556	4.2	0
482	Synthesis of 2-isoxazolyl-2,3-dihydrobenzofurans palladium-catalyzed cascade cyclization of alkenyl ethers. <i>Chemical Communications</i> , 2021 , 57, 4799-4802	5.8	6
481	Recent advances for the synthesis of chiral sulfones with the sulfone moiety directly connected to the chiral center. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 5574-5589	5.2	6
480	Recent Advances in Chemical Modifications of Nitriles. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 6658-6669	3.2	3
479	Trifluoromethyl Carbanion-catalyzed Intermolecular Stetter Reaction of Aromatic Aldehydes with 2-Bromo-3,3,3-trifluoropropene: Synthesis of α -Alkoxy- β -trifluoromethylated Ketones.. <i>Organic Letters</i> , 2021 ,	6.2	1
478	Macrocyclization of 3-triflyloxybenzynes with tetrahydrofuran via an anionic thia-Fries rearrangement. <i>Chemical Communications</i> , 2020 , 56, 6495-6498	5.8	2
477	Photocatalyzed formal carboxygenation of terminal alkynes. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 1600-1605	5.1	5
476	Palladium-catalyzed three-component cascade arylthiolation with aryldiazonium salts as S-arylation sources. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 4071-4078	3.9	9
475	Ruthenium-Catalyzed Hydrogen Evolution -Aminoalkylation of Phenols with Cyclic Amines. <i>Organic Letters</i> , 2020 , 22, 4781-4785	6.2	12
474	Recent advances in metal catalyzed or mediated cyclization/functionalization of alkynes to construct isoxazoles. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 2325-2348	5.2	24
473	Frontispiece: Deconstructive Reorganization: De Novo Synthesis of Hydroxylated Benzofuran. <i>Angewandte Chemie - International Edition</i> , 2020 , 59,	16.4	1
472	Catalytic Conversion of N-Heteroaromatics to Functionalized Arylamines by Merging Hydrogen Transfer and Selective Coupling. <i>ACS Catalysis</i> , 2020 , 10, 5243-5249	13.1	18
471	Hydrogen Transfer-Mediated Multicomponent Reaction for Direct Synthesis of Quinazolines by a Naphthyridine-Based Iridium Catalyst. <i>IScience</i> , 2020 , 23, 101003	6.1	8
470	Access to Phenothiazine Derivatives via Iodide-Mediated Oxidative Three-Component Annulation Reaction. <i>Journal of Organic Chemistry</i> , 2020 , 85, 5629-5637	4.2	6
469	Palladium-Catalyzed Highly Regioselective Hydrocarboxylation of Alkynes with Carbon Dioxide. <i>ACS Catalysis</i> , 2020 , 10, 7968-7978	13.1	14

468	Visible light-promoted synthesis of organic carbamates from carbon dioxide under catalyst- and additive-free conditions. <i>Green Chemistry</i> , 2020 , 22, 4890-4895	10	29
467	Selective reductive annulation reaction for direct synthesis of functionalized quinolines by a cobalt nanocatalyst. <i>Journal of Catalysis</i> , 2020 , 383, 239-243	7.3	11
466	Direct Alkoxy carbonylation of Heteroarenes via Cu-Mediated Trichloromethylation and In Situ Alcoholysis. <i>Organic Letters</i> , 2020 , 22, 2093-2098	6.2	11
465	Deconstructive Reorganization: De Novo Synthesis of Hydroxylated Benzofuran. <i>Angewandte Chemie</i> , 2020 , 132, 4700-4707	3.6	0
464	Palladium-catalyzed regioselective cascade reaction of carbon dioxide, amines and allenes for the synthesis of functionalized carbamates. <i>Science China Chemistry</i> , 2020 , 63, 331-335	7.9	11
463	Iridium/Acid Cocatalyzed Direct Access to Fused Indoles via Transfer Hydrogenative Annulation of Quinolines and 1,2-Diketones. <i>Organic Letters</i> , 2020 , 22, 2308-2312	6.2	11
462	Regioselective Synthesis of 3-Trifluoromethylpyrazole by Coupling of Aldehydes, Sulfonyl Hydrazides, and 2-Bromo-3,3,3-trifluoropropene. <i>Organic Letters</i> , 2020 , 22, 809-813	6.2	30
461	Straightforward access to novel indolo[2,3-b]indoles via aerobic copper-catalyzed [3+2] annulation of diarylamines and indoles. <i>Chemical Communications</i> , 2020 , 56, 2807-2810	5.8	13
460	Deconstructive Reorganization: De Novo Synthesis of Hydroxylated Benzofuran. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4670-4677	16.4	15
459	Three component hydroxyetherification and hydroxylazidation of (trifluoromethyl)alkenes: access to trifluoromethyl heteroatom substituted tertiary alcohols. <i>Chemical Communications</i> , 2020 , 56, 6241-6244	5.8	13
458	Double allylic defluorinative alkylation of 1,1-bisnucleophiles with (trifluoromethyl)alkenes: construction of all-carbon quaternary centers. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 1260-1265	5.2	21
457	Rapid Access to Oxabicyclo[2.2.2]octane Skeleton through Cu(I)-Catalyzed Generation and Trapping of Vinyl-o-quinodimethanes (Vinyl-o-QDMs) <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1052-1056	4.9	6
456	A palladium-catalyzed oxidative aminocarbonylation reaction of alkyne O-methyloximes with amines and CO in PEG-400. <i>Green Chemistry</i> , 2020 , 22, 465-470	10	14
455	Copper-catalysed oxidative C(sp ³)-nitroalkylation of (hetero)arene-fused cyclic amines. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 425-429	5.2	5
454	Synthesis of Isoquinoline Derivatives via Palladium-Catalyzed C-H/C-N Bond Activation of N-Acyl Hydrazones with Substituted Vinyl Azides. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 1362-1369	5.6	8
453	Fluorohalogenation of gem-Difluoroalkenes: Synthesis and Applications of Trifluoromethyl Halides. <i>Chemistry - A European Journal</i> , 2020 , 26, 1953-1957	4.8	12
452	1,1-Diphenylvinylsulfide as a Functional AIEgen Derived from the Aggregation-Caused-Quenching Molecule 1,1-Diphenylethene through Simple Thioetherification. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2338-2343	16.4	36
451	Selective reductive cross-coupling of N-heteroarenes by an unsymmetrical PNP-ligated manganese catalyst. <i>Journal of Catalysis</i> , 2020 , 392, 135-140	7.3	6

- 450 Restriction of Conformation Transformation in Excited State: An Aggregation-Induced Emission Building Block Based on Stable Exocyclic C=N Group. *IScience*, **2020**, 23, 101587 6.1 10
- 449 Access to Cycloalkeno[π]-Fused Pyridines via Pd-Catalyzed C(sp)-H Activation and Cyclization of α -Acetyl Hydrazones of Acylcycloalkenes with Vinyl Azides. *Organic Letters*, **2020**, 22, 7786-7790 6.2 8
- 448 Direct Carbon-Carbon Bond Amination of Unstrained Arylalkylketones. *ACS Catalysis*, **2020**, 10, 8402-8408 3.1 15
- 447 Recent advances in three-component difunctionalization of α -difluoroalkenes. *Chemical Communications*, **2020**, 56, 10442-10452 5.8 38
- 446 Recent Advances in Silver-Catalyzed Transformations of Electronically Unbiased Alkenes and Alkynes. *ChemCatChem*, **2020**, 12, 5034-5050 5.2 17
- 445 Recent advances in the synthesis of bridgehead (or ring-junction) nitrogen heterocycles via transition metal-catalyzed C-H bond activation and functionalization. *Organic Chemistry Frontiers*, **2020**, 7, 3067-3099 5.2 13
- 444 Palladium-catalyzed ionic liquid-accelerated oxidative annulation of acetylenic oximes with unactivated long-chain enols. *Green Chemistry*, **2020**, 22, 5584-5588 10 13
- 443 A Conjugated Polymeric Supramolecular Network with Aggregation-Induced Emission Enhancement: An Efficient Light-Harvesting System with an Ultrahigh Antenna Effect. *Angewandte Chemie - International Edition*, **2020**, 59, 9908-9913 16.4 77
- 442 Recent developments in palladium-catalyzed C-B bond formation. *Organic Chemistry Frontiers*, **2020**, 7, 1395-1417 5.2 49
- 441 Palladium-Catalyzed Cascade Cyclization/Alkynylation Reactions. *Chemistry - an Asian Journal*, **2019**, 14, 4114-4128 4.5 24
- 440 Direct Access to Trifluoromethyl-Substituted Carbamates from Carbon Dioxide via Copper-Catalyzed Cascade Cyclization of Enynes. *Organic Letters*, **2019**, 21, 7386-7389 6.2 25
- 439 Hydrogen transfer-mediated selective dual C-H alkylations of 2-alkylquinolines by doped TiO₂-supported nanocobalt oxides. *Journal of Catalysis*, **2019**, 377, 449-454 7.3 20
- 438 Green Oxidative Synthesis of Ethers, Esters, and Organic Halides **2019**, 79-121 1
- 437 Palladium-Catalyzed Nitrile-Assisted C(sp)-Cl Bond Formation for Synthesis of Dichlorides. *Organic Letters*, **2019**, 21, 8308-8311 6.2 4
- 436 Palladium-catalyzed regioselective C-H alkynylation of indoles with bromoalkynes in water. *Organic Chemistry Frontiers*, **2019**, 6, 2200-2204 5.2 13
- 435 Single C(sp)-F Bond Activation in a CF Group: Ipso-Defluoroxylation of (Trifluoromethyl)alkenes with Oximes. *Organic Letters*, **2019**, 21, 1130-1133 6.2 28
- 434 Transition-metal-free N-difluoromethylation of hydrazones with TMSCF₂Br as the difluoromethylation reagent. *Organic Chemistry Frontiers*, **2019**, 6, 2462-2466 5.2 3
- 433 Assembly of 1-isoindole derivatives by selective carbon-nitrogen triple bond activation: access to aggregation-induced emission fluorophores for lipid droplet imaging. *Chemical Science*, **2019**, 10, 7076-7081 8.4 14

432	Construction of polycyclic bridged indene derivatives by a tandem 1,3-rearrangement/intramolecular Friedel-Crafts cyclization of propargyl acetates. <i>Chemical Communications</i> , 2019 , 55, 7382-7385	5.8	7
431	Copper-Catalyzed Oxidative Multicomponent Annulation Reaction for Direct Synthesis of Quinazolinones via an Imine-Protection Strategy. <i>Organic Letters</i> , 2019 , 21, 4725-4728	6.2	24
430	Synthesis of Isoxazole Carbonyl Derivatives and their Analogues via Palladium-Catalyzed Sequential C(sp ²)/C(sp ²)/C(sp ³) Bond Formations. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3813-3823	5.6	11
429	Copper-Catalyzed Intermolecular [4 + 2] Annulation Enabled by Internal Oxidant-Promoted C(sp)-H Functionalization: Access to 3-Trifluoromethylated 3-Hydroxy-cyclohexan-1-ones. <i>Organic Letters</i> , 2019 , 21, 4900-4904	6.2	8
428	Assembly of Functionalized 4-Alkynylisoxazoles by Palladium-Catalyzed Three-Component Cascade Cyclization/Alkynylation. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 2309-2315	4.5	11
427	Co(II)-Catalyzed Regioselective Pyridine C-H Coupling with Diazoacetates. <i>Organic Letters</i> , 2019 , 21, 3427-3430	6.3	13
426	Synthesis of Multisubstituted Benzimidazolones via Copper-Catalyzed Oxidative Tandem C-H Aminations and Alkyl Deconstructive Carbofunctionalization. <i>IScience</i> , 2019 , 15, 127-135	6.1	14
425	Palladium-Catalyzed Oxidation Reactions of Alkenes with Green Oxidants. <i>ChemSusChem</i> , 2019 , 12, 2918-2935	3.7	37
424	Direct access to bis-S-heterocycles via copper-catalyzed three component tandem cyclization using S as a sulfur source. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3424-3432	3.9	23
423	Switchable Reactivity between Vinyl Azides and Terminal Alkyne by Nano Copper Catalysis. <i>Organic Letters</i> , 2019 , 21, 2090-2094	6.2	14
422	Direct Access to Oxoketene Aminals via Copper-Catalyzed Formal Oxyamination of Alkenes under Mild Conditions. <i>Organic Letters</i> , 2019 , 21, 2223-2226	6.2	11
421	Access to Polycyclic Sulfonyl Indolines via Fe(II)-Catalyzed or UV-Driven Formal [2 + 2 + 1] Cyclization Reactions of N-((1H-indol-3-yl)methyl)propiolamides with NaHSO ₃ . <i>Organic Letters</i> , 2019 , 21, 2602-2605	6.2	22
420	Visible-Light-Mediated Sulfonylimination of Tertiary Amines with Sulfonylazides Involving C-C Bond Cleavage. <i>Organic Letters</i> , 2019 , 21, 2804-2807	6.2	20
419	Palladium-Catalyzed Oxidative Allylation of Sulfoxonium Ylides: Regioselective Synthesis of Conjugated Dienones. <i>Organic Letters</i> , 2019 , 21, 872-875	6.2	43
418	Transition-metal free selective C-H bond cleavage of trifluoromethyl ketones with amidines under air: facile access to 5-trifluoromethylated Imidazol-4-ones. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 858-862	5.2	10
417	Direct Access to Functionalized Indoles via Single Electron Oxidation Induced Coupling of Diarylamines with 1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , 2019 , 21, 6736-6740	6.2	9
416	Palladium-Catalyzed Regio- and Stereoselective Sulfonylation of Aryl Propiolates with Sulfonyl Hydrazides: Access to (E)-Aryl Sulfonyl Acrylates. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 4575-4580	5.6	4
415	A palladium-catalyzed three-component cascade S-transfer reaction in ionic liquids. <i>Green Chemistry</i> , 2019 , 21, 4084-4089	10	19

- 4¹⁴ Copper-Catalyzed Cyclization of Aryl Amines and Aryldiazonium Salts under Air: Access to N-2-Aryl-Naphthotriazoles. *Advanced Synthesis and Catalysis*, **2019**, 361, 5149-5159 5.6 8
- 4¹³ Copper-Catalyzed Benzylic C-H Functionalization, Oxidation and Cyclization of Methylarenes: Direct Access to 2-Arylbenzothiazoles. *Chinese Journal of Chemistry*, **2019**, 37, 1158-1166 4.9 9
- 4¹² Direct Assembly of Polysubstituted Propiolamidinates via Palladium-Catalyzed Multicomponent Reaction of Isocyanides. *Organic Letters*, **2019**, 21, 8439-8443 6.2 8
- 4¹¹ Palladium Catalysis for Aerobic Oxidation Systems Using Robust Metal-Organic Framework. *Angewandte Chemie*, **2019**, 131, 17308-17312 3.6 2
- 4¹⁰ Synthesis of Diverse Functionalized Quinoxalines by Oxidative Tandem Dual C-H Amination of Tetrahydroquinoxalines with Amines. *Chemistry - A European Journal*, **2019**, 25, 15858-15862 4.8 3
- 4⁰⁹ Palladium Catalysis for Aerobic Oxidation Systems Using Robust Metal-Organic Framework. *Angewandte Chemie - International Edition*, **2019**, 58, 17148-17152 16.4 21
- 4⁰⁸ Iridium-Catalyzed Three-component Coupling Reaction of Carbon Dioxide, Amines, and Sulfoxonium Ylides. *Organic Letters*, **2019**, 21, 1125-1129 6.2 27
- 4⁰⁷ MOF-Derived Subnanometer Cobalt Catalyst for Selective C-H Oxidative Sulfonylation of Tetrahydroquinoxalines with Sodium Sulfinates. *ACS Catalysis*, **2019**, 9, 2718-2724 13.1 29
- 4⁰⁶ Direct bromocarboxylation of arynes using allyl bromides and carbon dioxide. *Chemical Communications*, **2019**, 55, 12304-12307 5.8 15
- 4⁰⁵ Palladium-catalyzed regioselective C-H alkynylation of indoles with haloalkynes: access to functionalized 7-alkynylindoles. *Chemical Communications*, **2019**, 55, 13769-13772 5.8 23
- 4⁰⁴ Access to 2-Aroylthienothiazoles via C-H/N-O Bond Functionalization of Oximes. *Organic Letters*, **2019**, 21, 9976-9980 6.2 11
- 4⁰³ Palladium-Catalyzed Three-Component Coupling Reaction of Allyl Carboxylates, Norbornenes and Diboronates Involving Sequential Olefins Insertion and Borylation Reaction. *Chinese Journal of Chemistry*, **2019**, 37, 140-147 4.9 7
- 4⁰² A Three-Phase Four-Component Coupling Reaction: Selective Synthesis of o-Chloro Benzoates by KCl, Arynes, CO, and Chloroalkanes. *Organic Letters*, **2019**, 21, 345-349 6.2 25
- 4⁰¹ Cobalt-Catalyzed Selective Functionalization of Aniline Derivatives with Hexafluoroisopropanol. *Organic Letters*, **2019**, 21, 218-222 6.2 12
- 4⁰⁰ Catalytic [1,3] O-to-C Rearrangement: Rapid Access to Bridged Bicyclic Systems. *Chemistry - A European Journal*, **2018**, 24, 6927-6931 4.8 17
- 399 Copper-Catalyzed Synthesis of Substituted Quinoxalines from Benzonitriles and 2-Ethynylanilines via Carbon-Carbon Bond Cleavage Using Molecular Oxygen. *Journal of Organic Chemistry*, **2018**, 83, 5458-5466 4.2 34
- 398 A four-component coupling reaction of carbon dioxide, amines, cyclic ethers and 3-triflyloxybenzynes for the synthesis of functionalized carbamates. *Chemical Communications*, **2018**, 54, 5835-5838 5.8 24
- 397 A sustainable oxidative esterification of thiols with alcohols by a cobalt nanocatalyst supported on doped carbon. *Green Chemistry*, **2018**, 20, 1992-1997 10 26

396	Synthesis of (E)-2-Alkenylazaarenes via Dehydrogenative Coupling of (Hetero)aryl-fused 2-Alkylcyclic Amines and Aldehydes with a Cobalt Nanocatalyst. <i>ChemCatChem</i> , 2018 , 10, 2887-2892	5.2	10
395	Access to Amidines and Arylbenzimidazoles: Zinc-Promoted Rearrangement of Oxime Acetates. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2020-2031	5.6	10
394	Copper-Catalyzed Oxidative Carbon-Carbon and/or Carbon-Heteroatom Bond Formation with O or Internal Oxidants. <i>Accounts of Chemical Research</i> , 2018 , 51, 1092-1105	24.3	125
393	Silver-Catalyzed Three-Component Coupling of Carbon Dioxide, Amines and α -Diazoesters. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 399-405	4.9	8
392	Iridium-Catalyzed Dehydrogenative β -Functionalization of (Hetero)aryl-Fused Cyclic Secondary Amines with Indoles. <i>Organic Letters</i> , 2018 , 20, 1171-1174	6.2	22
391	Aerobic Copper-Catalyzed Synthesis of Benzimidazoles from Diaryl- and Alkylamines via Tandem Triple C-H Aminations. <i>ACS Catalysis</i> , 2018 , 8, 2242-2246	13.1	31
390	Selectivity-switchable construction of benzo-fused polycyclic compounds through a gold-catalyzed reaction of enyne-lactone. <i>Chemical Communications</i> , 2018 , 54, 1893-1896	5.8	16
389	Nucleophilic trifluoromethylthiolation of bromoalkynones with AgSCF: C(sp)-SCF bond formation towards ynonyl trifluoromethyl sulfides. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 1646-1650	3.9	8
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130	Conversion of pyridine to imidazo[1,2-a]pyridines by copper-catalyzed aerobic dehydrogenative cyclization with oxime esters. <i>Organic Letters</i> , 2013 , 15, 6254-7	6.2	149
129	Facile synthesis of dibranched conjugated dienes via palladium-catalyzed oxidative coupling of N-tosylhydrazones. <i>Chemical Communications</i> , 2013 , 49, 9218-20	5.8	29
128	An efficient synthesis of polysubstituted pyrroles via copper-catalyzed coupling of oxime acetates with dialkyl acetylenedicarboxylates under aerobic conditions. <i>Chemical Communications</i> , 2013 , 49, 9597-9	5.8	105
127	Palladium supported on an acidic metal-organic framework as an efficient catalyst in selective aerobic oxidation of alcohols. <i>Green Chemistry</i> , 2013 , 15, 230-235	10	136

126	Practical Synthesis of Polysubstituted Imidazoles via Iodine- Catalyzed Aerobic Oxidative Cyclization of Aryl Ketones and Benzylamines. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 170-180	5.6	56
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124	Ni(salphen)-based metal-organic framework for the synthesis of cyclic carbonates by cycloaddition of CO ₂ to epoxides. <i>RSC Advances</i> , 2013 , 3, 2167	3.7	87
123	Copper-catalyzed C-O bond formation: an efficient one-pot highly regioselective synthesis of furans from (2-furyl)carbene complexes. <i>Organic Letters</i> , 2013 , 15, 1080-3	6.2	116
122	Efficient conversion of CO ₂ with olefins into cyclic carbonates via a synergistic action of I ₂ and base electrochemically generated in situ. <i>Electrochemistry Communications</i> , 2013 , 34, 242-245	5.1	36
121	Iron-catalyzed benzannulation reactions of 2-alkylbenzaldehydes and alkynes leading to naphthalene derivatives. <i>Organic Letters</i> , 2013 , 15, 898-901	6.2	57
120	A cascade approach to fused indolizinones through Lewis acid-copper(I) relay catalysis. <i>Chemical Communications</i> , 2013 , 49, 3351-3	5.8	25
119	Synthesis of 2-aminobenzoxazoles and 3-aminobenzoxazines via palladium-catalyzed aerobic oxidation of o-aminophenols with isocyanides. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3009-20	4.2	65
118	Copper-catalyzed synthesis of substituted benzothiazoles via condensation of 2-aminobenzenethiols with nitriles. <i>Organic Letters</i> , 2013 , 15, 1598-601	6.2	109
117	Metal-Free Rearrangement of Spirofurooxindoles into Spiropentenoneoxindoles and Indoles: Implications for the Mechanism and Stereochemistry of the Piancatelli Rearrangement. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, n/a-n/a	5.6	9
116	Palladium-catalyzed intermolecular dehydrogenative aminohalogenation of alkenes under molecular oxygen: an approach to brominated enamines. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5286-9	16.4	84
115	Copper-catalyzed formal C-N bond cleavage of aromatic methylamines: assembly of pyridine derivatives. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3774-82	4.2	83
114	Pd(II)-catalyzed sequential C-C/C-O bond formations: a new strategy to construct trisubstituted furans. <i>Organic Letters</i> , 2013 , 15, 1838-41	6.2	47
113	Copper-catalyzed aerobic C(sp ²)-H functionalization for C-N bond formation: synthesis of pyrazoles and indazoles. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3636-46	4.2	165
112	Highly selective β-hydride elimination in Pd-catalyzed decarboxylative Heck-type reaction. <i>Organic Letters</i> , 2013 , 15, 2330-3	6.2	46
111	Palladium-catalyzed bond reorganization of 1,3-diyne: an entry to diverse functionalized 1,5-dien-3-yne. <i>Journal of Organic Chemistry</i> , 2013 , 78, 4580-6	4.2	13
110	Rh(III)-catalyzed ortho-oxidative alkylation of unactivated arenes with allylic alcohols. <i>Chemical Science</i> , 2013 , 4, 2665	9.4	88
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107	Copper-catalyzed sulfonamides formation from sodium sulfinates and amines. <i>Chemical Communications</i> , 2013 , 49, 6102-4	5.8	129
106	Palladium-catalyzed oxidative coupling of aromatic primary amines and alkenes under molecular oxygen: stereoselective assembly of (Z)-enamines. <i>Journal of Organic Chemistry</i> , 2013 , 78, 11155-62	4.2	60
105	Gold-catalyzed reactions of enynals/enynones with norbornenes: generation and trapping of cyclic o-quinodimethanes (o-QDMs). <i>Chemistry - A European Journal</i> , 2013 , 19, 4695-700	4.8	56
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103	Synthesis of 4H-cyclopenta[c]furans via cooperative PdCl ₂ -FeCl ₂ catalyzed cascade cyclization reaction involving a novel acyl rearrangement process. <i>Chemical Communications</i> , 2012 , 48, 4698-700	5.8	17
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