

Site-selective and versatile aromatic C-H functionaliz

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Highlights from the 54th EUCHEM BÃ¼rgenstock Conference on Stereochemistry, Brunnen, Switzerland, May 2019. Chemical Communications, 2019, 55, 10043-10046.	2.2	0
3	Aryl Sulfonium Salts for Site-Selective Late-Stage Trifluoromethylation. Angewandte Chemie, 2019, 131, 14757-14761.	1.6	45
4	Tertiary amine-directed and involved carbonylative cyclizations through Pd/Cu-cocatalyzed multiple C-X (X = H or N) bond cleavage. Chemical Science, 2019, 10, 9292-9301.	3.7	12
5	C-N Cross-Couplings for Site-Selective Late-Stage Diversification via Aryl Sulfonium Salts. Journal of the American Chemical Society, 2019, 141, 13346-13351.	6.6	152
6	Para-Selective C-H Borylation of Common Arene Building Blocks Enabled by Ion-Pairing with a Bulky Counteranion. Journal of the American Chemical Society, 2019, 141, 15477-15482.	6.6	106
7	Aryl Sulfonium Salts for Site-Selective Late-Stage Trifluoromethylation. Angewandte Chemie - International Edition, 2019, 58, 14615-14619.	7.2	166
8	A Celebration of Science amidst Nature: The 54th BÃ¼rgenstock Conference. Angewandte Chemie - International Edition, 2019, 58, 17107-17113.	7.2	0
9	Cross-Coupling of Aryl Trifluoromethyl Sulfones with Arylboronates by Cooperative Palladium/Rhodium Catalysis. Organic Letters, 2019, 21, 8987-8991.	2.4	30
10	Site-Selective C-H Oxygenation via Aryl Sulfonium Salts. Angewandte Chemie - International Edition, 2019, 58, 16161-16166.	7.2	148
11	Iridium-Catalyzed C-H Bond Insertion Reactions Using Sulfoxonium Ylides as Carbene Precursors toward β -Boryl Carbonyls. Organic Letters, 2019, 21, 9005-9008.	2.4	55
12	Site-Selective C-H Oxygenation via Aryl Sulfonium Salts. Angewandte Chemie, 2019, 131, 16307-16312.	1.6	32
13	Base-Mediated O-Arylation of Alcohols and Phenols by Triarylsulfonium Triflates. Chemistry - an Asian Journal, 2019, 14, 3370-3379.	1.7	19
14	Ein Fest der Wissenschaft inmitten der Natur: Die 54. BÃ¼rgenstock-Konferenz. Angewandte Chemie, 2019, 131, 17265-17271.	1.6	0
15	Transition-Metal-Free Aryl-Heteroatom Bond Formation via C-S Bond Cleavage. Organic Letters, 2019, 21, 7303-7306.	2.4	51
16	Battling disease by giving mosquitoes an antimalarial drug. Nature, 2019, 567, 185-186.	13.7	5
17	Molecular-decoration technique offers boost to medicinal chemists. Nature, 2019, 567, 184-185.	13.7	0
18	Palladium-Catalyzed Arylthiolation of Alkynes Enabled by Surmounting Competitive Dimerization of Alkynes. Organic Letters, 2019, 21, 8295-8299.	2.4	13
19	Diversity-Oriented Desulfonylative Functionalization of Alkyl Allyl Sulfones. Angewandte Chemie, 2019, 131, 9941-9945.	1.6	15

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20	Regioselective (Hetero)aryl C-H Thianthrenation and Late-Stage Transformations. <i>CheM</i> , 2019, 5, 1025-1027.	5.8	3
21	Diversity-Oriented Desulfonylative Functionalization of Alkyl Allyl Sulfones. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9836-9840.	7.2	57
22	A New Coupling Partner for Selective Aromatic Functionalization. <i>Synfacts</i> , 2019, 15, 0609.	0.0	0
23	Direct Vicinal Difunctionalization of Thiophenes Enabled by the Palladium/Norbornene Cooperative Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 18958-18963.	6.6	40
24	A DFT study on the mechanism and origins of the ligand-controlled regioselectivity of a palladium-catalyzed dearomatic reaction of 1-(chloromethyl)naphthalene with phenylacetonitrile. <i>New Journal of Chemistry</i> , 2019, 43, 19120-19125.	1.4	2
25	Redox-Neutral Borylation of Aryl Sulfonium Salts via C-S Activation Enabled by Light. <i>Organic Letters</i> , 2019, 21, 9688-9692.	2.4	53
26	Metal-free directed sp ² -C-H borylation. <i>Nature</i> , 2019, 575, 336-340.	13.7	175
27	Synthesis, Structure, and Reactivity of 5-(Aryl)dibenzothiophenium Triflates. <i>Angewandte Chemie</i> , 2020, 132, 1966-1971.	1.6	12
28	Site-Selective Late-Stage Aromatic [¹⁸ F]Fluorination via Aryl Sulfonium Salts. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1956-1960.	7.2	86
29	Synthesis, Structure, and Reactivity of 5-(Aryl)dibenzothiophenium Triflates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1950-1955.	7.2	63
30	Site-Selective Late-Stage Aromatic [¹⁸ F]Fluorination via Aryl Sulfonium Salts. <i>Angewandte Chemie</i> , 2020, 132, 1972-1976.	1.6	12
31	Catalytic Carbonylation and Carboxylation of Organosulfur Compounds via C-S Cleavage. <i>Chemistry - an Asian Journal</i> , 2020, 15, 441-449.	1.7	24
32	Para-selective borylation of monosubstituted benzenes using a transient mediator. <i>Science China Chemistry</i> , 2020, 63, 336-340.	4.2	86
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35	Regio- and Stereoselective Thianthrenation of Olefins To Access Versatile Alkenyl Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5616-5620.	7.2	81
36	Shining Light on C-S Bonds: Recent Advances in C-C Bond Formation Reactions via C-S Bond Cleavage under Photoredox Catalysis. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3637-3659.	1.7	30
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38	Azulenesulfonium and azulenebis(sulfonium) salts: Formation by interrupted Pummerer reaction and subsequent derivatisation by nucleophiles. <i>Tetrahedron</i> , 2020, 76, 131700.	1.0	5
39	Mechanism in palladium-catalyzed dearomative allylic reactions of benzyl phosphates with allyl borates: Insights from DFT calculations. <i>Computational and Theoretical Chemistry</i> , 2020, 1191, 113030.	1.1	1
40	Ligand Control of Palladium-Catalyzed Site-Selective α - and β -Arylation of α,β -Unsaturated Ketones with (Hetero)aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23438-23444.	7.2	15
41	Shape-selective C-H activation of aromatics to biaryl compounds using molecular palladium in zeolites. <i>Nature Catalysis</i> , 2020, 3, 1002-1009.	16.1	41
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46	Thianthrenation-Enabled α -Arylation of Carbonyl Compounds with Arenes. <i>Organic Letters</i> , 2020, 22, 7716-7720.	2.4	39
47	Late stage C-H functionalization via chalcogen and pnictogen salts. <i>Chemical Science</i> , 2020, 11, 10047-10060.	3.7	45
48	Catalytic Metal-free Allylic C-H Amination of Terpenoids. <i>Journal of the American Chemical Society</i> , 2020, 142, 16716-16722.	6.6	46
49	Photoinduced Copper-Catalyzed Site-Selective C(sp ²)-C(sp) Cross-Coupling via Aryl Sulfonium Salts. <i>Organic Letters</i> , 2020, 22, 6842-6846.	2.4	42
50	Ligand Control of Palladium-Catalyzed Site-Selective α - and β -Arylation of α,β -Unsaturated Ketones with (Hetero)aryl Halides. <i>Angewandte Chemie</i> , 2020, 132, 23644-23650.	1.6	5
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53	Transition-metal mediated carbon-sulfur bond activation and transformations: an update. <i>Chemical Society Reviews</i> , 2020, 49, 4307-4359.	18.7	197
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57	Cobalt-catalysed C^{H} methylation for late-stage drug diversification. <i>Nature Chemistry</i> , 2020, 12, 511-519.	6.6	154
58	A site-selective amination catalyst discriminates between nearly identical C^{H} bonds of unsymmetrical disubstituted alkenes. <i>Nature Chemistry</i> , 2020, 12, 725-731.	6.6	66
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76	Recent Advances and Uses of (Me ₄ N)XCF ₃ (X=S, Se) in the Synthesis of Trifluoromethylthiolated and Trifluoromethylselenolated Compounds. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 61-73.	1.3	45
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288	Rutheniumâ€“Catalyzed Remote Difunctionalization of Nonactivated Alkenes for Double <i>meta</i>C(sp ²)â€“H/Câ€“6(sp ³)â€“H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	4
289	Rutheniumâ€“katalysierte entfernte Difunktionalisierung nichtâ€“aktivierter Alkene fÃ¼r die doppelte <i>meta</i>C(sp ²)â€“H/Câ€“6(sp ³)â€“Hâ€“Funktionalisierung. <i>Angewandte Chemie</i> , 2023, 135, .		0
291	Visible light/copper catalysis enabled alkylation of silyl enol ethers with arylsulfonium salts. <i>Chemical Communications</i> , 2023, 59, 6367-6370.	2.2	3
293	Thianthrenium-Enabled Phosphorylation of Aryl Câ€“H Bonds via Electron Donorâ€“Acceptor Complex Photoactivation. <i>Organic Letters</i> , 2023, 25, 3784-3789.	2.4	12
295	Photoinduced Copper-Catalyzed Late-Stage Azidoarylation of Alkenes via Arylthianthrenium Salts. <i>Journal of the American Chemical Society</i> , 2023, 145, 13542-13548.	6.6	20
300	Nickel Meets Aryl Thianthrenium Salts: Ni(II)-Catalyzed Halogenation of Arenes. <i>Journal of the American Chemical Society</i> , 2023, 145, 9988-9993.	6.6	12
301	Visible-Light Copper Catalysis for the Synthesis of Î±-Alkyl-Acetophenones by the Radical-Type Ring Opening of Sulfonium Salts and Oxidative Alkylation of Alkenes. <i>Organic Letters</i> , 2023, 25, 3260-3265.	2.4	5
302	Copper-Mediated Deconstructive Ring Cleavage of Cyclic Thioethers with Boron Compounds. <i>Organic Letters</i> , 2023, 25, 3522-3526.	2.4	0

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316	Preparation of 3,5-Methanobenzo[<i>b</i>]azepines: An sp ³ -Rich Quinolone Isostere. <i>Organic Letters</i> , 2023, 25, 6161-6166.	2.4	0
329	Copper-catalyzed nitration of electron-deficient BN-naphthalene. <i>Chemical Communications</i> , 2023, 59, 12581-12584.	2.2	0
341	Phenylglycinol Derived Chemistry. , 2023, , .		0
352	Multicomponent reactions to access <i>S</i> -aryl dithiocarbamates <i>via</i> an electron donor-acceptor complex under open-to-air conditions. <i>Organic and Biomolecular Chemistry</i> , 2024, 22, 1378-1385.	1.5	0
358	Sequential <i>ortho</i> -/ <i>meta</i> -C-H functionalizations of <i>N</i> -tosyl-benzamides for the synthesis of polyfunctionalized arenes. <i>Chemical Communications</i> , 2024, 60, 2244-2247.	2.2	0
366	Multiple-cycle photochemical cascade reactions. <i>Organic and Biomolecular Chemistry</i> , 2024, 22, 2156-2174.	1.5	0