

Silas P Cook

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Directed Ni-Catalyzed Reductive Arylation of Aliphatic C-H Bonds. <i>Organic Letters</i> , 2022, 24, 3313-3318.	4.6	8
2	Interrupting the Barton-McCombie Reaction: Aqueous Deoxygenative Trifluoromethylation of <i>o</i> -Alkyl Thiocarbonates. <i>Organic Letters</i> , 2021, 23, 808-813.	4.6	20
3	Csp ³ -H Trifluoromethylation of Unactivated Aliphatic Systems. <i>Organic Letters</i> , 2021, 23, 702-705.	4.6	24
4	N-Directed fluorination of unactivated Csp ³ -H bonds. <i>Chemical Science</i> , 2020, 11, 1102-1106.	7.4	37
5	Cu-Catalyzed C-N Coupling with Sterically Hindered Partners. <i>ACS Catalysis</i> , 2020, 10, 10495-10499.	11.2	31
6	Synthesis of Tetrahydroisoquinolines Through an Iron-Catalyzed Cascade: Tandem Alcohol Substitution and Hydroamination. <i>Organic Letters</i> , 2019, 21, 6741-6744.	4.6	7
7	1,2-Bis(trifluoromethylation) of Alkynes: A One-Step Reaction to Install an Underutilized Functional Group. <i>Angewandte Chemie</i> , 2019, 131, 11830-11834.	2.0	7
8	Copper-Catalyzed, N-Directed Csp ³ -H Trifluoromethylthiolation (SCF ₃) and Trifluoromethylselenation (SeCF ₃). <i>Journal of the American Chemical Society</i> , 2019, 141, 18405-18410.	13.7	100
9	Fenton-Inspired C-H Functionalization: Peroxide-Directed C-H Thioetherification. <i>Journal of Organic Chemistry</i> , 2019, 84, 13073-13091.	3.2	16
10	1,2-Bis(trifluoromethylation) of Alkynes: A One-Step Reaction to Install an Underutilized Functional Group. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11704-11708.	13.8	41
11	A microdroplet-accelerated Biginelli reaction: mechanisms and separation of isomers using IMS-MS. <i>Chemical Science</i> , 2019, 10, 4822-4827.	7.4	58
12	Stereoinversion of Unactivated Alcohols by Tethered Sulfonamides. <i>Angewandte Chemie</i> , 2019, 131, 1741-1745.	2.0	11
13	Iron-Catalyzed Hydroamination and Hydroetherification of Unactivated Alkenes. <i>Organic Letters</i> , 2019, 21, 1547-1550.	4.6	23
14	Stereoinversion of Unactivated Alcohols by Tethered Sulfonamides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1727-1731.	13.8	44
15	Palladium nanoparticles: Chemoselective control for reductive Heck with aryl triflates and 2,3-dihydrofuran. <i>Tetrahedron</i> , 2018, 74, 3314-3317.	1.9	6
16	Aqueous Benzylic C-H Trifluoromethylation for Late-Stage Functionalization. <i>Journal of the American Chemical Society</i> , 2018, 140, 12378-12382.	13.7	114
17	Evaluation of <i>p</i> -(¹³ C, ¹⁵ N-Cyano)phenylalanine as an Extended Time Scale 2D IR Probe of Proteins. <i>Analytical Chemistry</i> , 2017, 89, 5254-5260.	6.5	23
18	Manganese-Catalyzed Borylation of Unactivated Alkyl Chlorides. <i>Journal of the American Chemical Society</i> , 2016, 138, 6139-6142.	13.7	171

#	ARTICLE	IF	CITATIONS
19	Iron-Catalyzed, Fluoroamide-Directed C-H Fluorination. <i>Journal of the American Chemical Society</i> , 2016, 138, 12771-12774.	13.7	170
20	Iron-Catalyzed C-N Bond Formation via the Beckmann Rearrangement. <i>Synlett</i> , 2015, 26, 331-334.	1.8	23
21	Artemisinin: A Case Study in the Evolution of Synthetic Strategy. <i>Synlett</i> , 2014, 25, 751-759.	1.8	19
22	Alcohols as electrophiles: iron-catalyzed Ritter reaction and alcohol addition to alkynes. <i>Tetrahedron</i> , 2014, 70, 4204-4207.	1.9	38
23	Iron-Catalyzed Arene Alkylation Reactions with Unactivated Secondary Alcohols. <i>Organic Letters</i> , 2014, 16, 2026-2029.	4.6	53
24	Iron-Catalyzed C(sp ²)-H Alkylation of Carboxamides with Primary Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11065-11069.	13.8	127
25	A Unified Strategy for Iron-Catalyzed <i>ortho</i> -Alkylation of Carboxamides. <i>Journal of the American Chemical Society</i> , 2014, 136, 13130-13133.	13.7	143
26	Iron-Catalyzed Borylation of Alkyl Electrophiles. <i>Journal of the American Chemical Society</i> , 2014, 136, 9521-9523.	13.7	189
27	Palladium-Catalyzed Intramolecular Iodine-Transfer Reactions in the Presence of ² H Hydrogen Atoms. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14214-14218.	13.8	72
28	Iron-Catalyzed Cross-Coupling Reactions of Alkyl Grignards with Aryl Sulfamates and Tosylates. <i>Organic Letters</i> , 2013, 15, 96-99.	4.6	90
29	Palladium-Catalyzed Alkyne Insertion/Suzuki Reaction of Alkyl Iodides. <i>Journal of the American Chemical Society</i> , 2012, 134, 15297-15300.	13.7	74
30	A Reductive-Heck Approach to the Hydroazulene Ring System: A Formal Synthesis of the Englerins. <i>Organic Letters</i> , 2012, 14, 3340-3343.	4.6	87
31	Re-Evaluating the Nucleophilicity of Zinc Enolates in Alkylation Reactions. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1712-1715.	2.4	25
32	A Concise Synthesis of (+)-Artemisinin. <i>Journal of the American Chemical Society</i> , 2012, 134, 13577-13579.	13.7	137
33	A Simple, Nontoxic Iron System for the Alkylation of Zinc Enolates. <i>Organic Letters</i> , 2011, 13, 1904-1907.	4.6	36