Jamie A Leitch

List of Publications by Year in Descending Order

31 papers	1,234 citations	16 h-index	35 g-index
46 ext. papers	1,649 ext. citations	12.7 avg, IF	5.45 L-index

#	Paper	IF	Citations
31	Mechanoredox Chemistry as an Emerging Strategy in Synthesis. *Chemistry - A European Journal*, **2021**, 27, 9721-9726	4.8	16
30	Formation and Utility of Reactive Ketene Intermediates Under Continuous Flow Conditions. *Tetrahedron*, **2021**, 132305	2.4	2
29	Installing the "magic methyl"- C-H methylation in synthesis. *Chemical Society Reviews*, **2021**, 50, 5517-5563	58.5	55
28	Solvent-Minimized Synthesis of 4CzIPN and Related Organic Fluorophores via Ball Milling. *Journal of Organic Chemistry*, **2021**, 86, 14095-14101	4.2	2
27	A Ball-Milling-Enabled Cross-Electrophile Coupling. *Organic Letters*, **2021**, 23, 6337-6341	6.2	5
26	Direct Amidation of Esters by Ball Milling*. *Angewandte Chemie - International Edition*, **2021**, 60, 21868-21874	16.1	10
25	Switchable, Reagent-Controlled Diastereodivergent Photocatalytic Carbocyclisation of Imine-Derived α-Amino Radicals. *Angewandte Chemie*, **2021**, 133, 24318	3.6	0
24	Direct Amidation of Esters by Ball Milling**. *Angewandte Chemie*, **2021**, 133, 22039-22045	3.6	0
23	Switchable, Reagent-Controlled Diastereodivergent Photocatalytic Carbocyclisation of Imine-Derived α-Amino Radicals. *Angewandte Chemie - International Edition*, **2021**, 60, 24116-24123	16.4	7
22	Dual catalytic enantioselective desymmetrization of allene-tethered cyclohexanones. *Chemical Science*, **2020**, 11, 7444-7450	9.4	8
21	α-Amino Radicals via Photocatalytic Single-Electron Reduction of Imine Derivatives. *ACS Catalysis*, **2020**, 10, 2009-2025	13.1	56
20	Dearomative Photocatalytic Construction of Bridged 1,3-Diazepanes. *Angewandte Chemie*, **2020**, 132, 4150-4159	3.6	8
19	Dearomative Photocatalytic Construction of Bridged 1,3-Diazepanes. *Angewandte Chemie - International Edition*, **2020**, 59, 4121-4130	16.4	34
18	Catalytic Reductive Functionalization of Tertiary Amides using Vaska's Complex: Synthesis of Complex Tertiary Amine Building Blocks and Natural Products. *ACS Catalysis*, **2020**, 10, 8880-8897	13.1	35
17	Reverse Polarity Reductive Functionalization of Tertiary Amides via a Dual Iridium-Catalyzed Hydrosilylation and Single Electron Transfer Strategy. *ACS Catalysis*, **2020**, 10, 11438-11447	13.1	18
16	α-Tertiary Dialkyl Ether Synthesis via Reductive Photocatalytic β-Functionalization of Alkyl Enol Ethers. *ACS Catalysis*, **2020**, 10, 11430-11437	13.1	11
15	Primary α-tertiary amine synthesis α-C-H functionalization. *Chemical Science*, **2019**, 10, 3401-3407	9.4	56

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14	Iridium-Catalyzed Reductive Allylation of Esters. *Organic Letters*, **2019**, 21, 6663-6667	6.2	4
13	Oxidative synthesis of benzo[1,4]oxazines from branched primary amines and ortho-benzoquinones. *Tetrahedron*, **2019**, 75, 130726	2.4	3
12	Regioselective Transition-Metal-Catalyzed CH Functionalization of Anilines. *Synthesis*, **2018**, 50, 2693-2706	2.9	13
11	Photocatalytic Three-Component Umpolung Synthesis of 1,3-Diamines. *Organic Letters*, **2018**, 20, 6794-6798	6.2	45
10	Photocatalytic reverse polarity Povarov reaction. *Chemical Science*, **2018**, 9, 6653-6658	9.4	33
9	Remote C6-Selective Ruthenium-Catalyzed CH Alkylation of Indole Derivatives via Activation. *ACS Catalysis*, **2017**, 7, 2616-2623	13.1	111
8	Ruthenium-Catalyzed para-Selective CH Alkylation of Aniline Derivatives. *Angewandte Chemie*, **2017**, 129, 15327-15331	3.6	24
7	Ruthenium-Catalyzed para-Selective C-H Alkylation of Aniline Derivatives. *Angewandte Chemie - International Edition*, **2017**, 56, 15131-15135	16.4	72
6	Ruthenium-catalysed activation for remote meta-selective C-H functionalisation. *Chemical Society Reviews*, **2017**, 46, 7145-7153	58.5	202
5	Ruthenium catalyzed remote C4-selective C-H functionalisation of carbazoles via activation. *Chemical Communications*, **2017**, 53, 13039-13042	5.8	23
4	Beyond C2 and C3: Transition-Metal-Catalyzed CH Functionalization of Indole. *ACS Catalysis*, **2017**, 7, 5618-5627	13.1	268
3	Ruthenium(II)-Catalyzed CH Functionalization Using the Oxazolidinone Heterocycle as a Weakly Coordinating Directing Group: Experimental and Computational Insights. *ACS Catalysis*, **2016**, 6, 5520-5529	13.1	69
2	Copper Catalyzed Assembly of N-Aryloxazolidinones: Synthesis of Linezolid, Tedizolid, and Rivaroxaban. *European Journal of Organic Chemistry*, **2016**, 2016, 1305-1313	3.2	10
1	Use of the Hydantoin Directing Group in Ruthenium(II)-Catalyzed C-H Functionalization. *Journal of Organic Chemistry*, **2016**, 81, 10081-10087	4.2	26