

Alexander Cresswell

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,282
citations

516561

16
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610775

24
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32
all docs

32
docs citations

32
times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic, Stereoselective Dihalogenation of Alkenes: Challenges and Opportunities. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15642-15682.	7.2	162
2	Beyond the Balz-Schiemann Reaction: The Utility of Tetrafluoroborates and Boron Trifluoride as Nucleophilic Fluoride Sources. <i>Chemical Reviews</i> , 2015, 115, 566-611.	23.0	160
3	Catalytic, stereospecific syn-dichlorination of alkenes. <i>Nature Chemistry</i> , 2015, 7, 146-152.	6.6	158
4	Iron-Catalyzed Cross-Coupling of Unactivated Secondary Alkyl Thio Ethers and Sulfones with Aryl Grignard Reagents. <i>Journal of Organic Chemistry</i> , 2013, 78, 12593-12628.	1.7	111
5	ESIPT-based fluorescence probe for the rapid detection of hypochlorite (HOCl/OCl ⁻). <i>Chemical Communications</i> , 2018, 54, 8522-8525.	2.2	101
6	Photocatalytic α -Tertiary Amine Synthesis via C-H Alkylation of Unmasked Primary Amines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14986-14991.	7.2	94
7	Ammonium-Directed Oxidation of Cyclic Allylic and Homoallylic Amines. <i>Journal of Organic Chemistry</i> , 2009, 74, 6735-6748.	1.7	61
8	α -Fluoroamphetamines via the Stereoselective Synthesis of Benzylic Fluorides. <i>Organic Letters</i> , 2010, 12, 2936-2939.	2.4	60
9	Room-Temperature Gold-Catalysed Arylation of Heteroarenes: Complementarity to Palladium Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 12641-12645.	1.7	56
10	Recent Advances in Paired Electrosynthesis. <i>Chemical Record</i> , 2021, 21, 2585-2600.	2.9	46
11	Photocatalytic Hydroaminoalkylation of Styrenes with Unprotected Primary Alkylamines. <i>Journal of the American Chemical Society</i> , 2021, 143, 15936-15945.	6.6	42
12	Re-engineering of the Duocarmycin Structural Architecture Enables Bioprecursor Development Targeting CYP1A1 and CYP2W1 for Biological Activity. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6273-6277.	2.9	35
13	Diastereodivergent Hydroxyfluorination of Cyclic and Acyclic Allylic Amines: Synthesis of 4-Deoxy-4-fluorophytosphingosines. <i>Journal of Organic Chemistry</i> , 2012, 77, 7262-7281.	1.7	33
14	Measurement of the vapour-liquid equilibrium of binary and ternary mixtures of CO ₂ , N ₂ and H ₂ , systems which are of relevance to CCS technology. <i>International Journal of Greenhouse Gas Control</i> , 2015, 41, 68-81.	2.3	28
15	Ring-Opening Hydrofluorination of 2,3- and 3,4-Epoxy Amines by HBF ₄ ·OEt ₂ : Application to the Asymmetric Synthesis of (S,S)-3-Deoxy-3-fluorosafingol. <i>Journal of Organic Chemistry</i> , 2011, 76, 4617-4627.	1.7	25
16	Pinacolatoboron fluoride (pinBF) is an efficient fluoride transfer agent for diastereoselective synthesis of benzylic fluorides. <i>Tetrahedron Letters</i> , 2015, 56, 3373-3377.	0.7	15
17	α -Amino phosphonates via the photocatalytic α -C-H alkylation of primary amines. <i>Tetrahedron</i> , 2021, 81, 131896.	1.0	14
18	Photocatalytic α -Tertiary Amine Synthesis via C-H Alkylation of Unmasked Primary Amines. <i>Angewandte Chemie</i> , 2020, 132, 15096-15101.	1.6	13

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19	Molecular simulation of the thermophysical properties and phase behaviour of impure CO ₂ relevant to CCS. Faraday Discussions, 2016, 192, 415-436.	1.6	10
20	Kinetic Analysis of Domino Catalysis: A Case Study on Gold-Catalyzed Arylation. ACS Catalysis, 2020, 10, 10420-10426.	5.5	10
21	<i>N</i> -tosylhydrazones as acceptors for nucleophilic alkyl radicals in photoredox catalysis: A short case study on possible side reactions. Synthetic Communications, 2022, 52, 413-423.	1.1	7
22	Synthesis and Crystal Structures of N-Aryl-N-methylaminocyclohexanols. Journal of Chemical Crystallography, 2013, 43, 646-654.	0.5	4
23	Styrene hydroaminoalkylation with primary alkylamines. Trends in Chemistry, 2022, 4, 361-362.	4.4	1