

Roly J Armstrong

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,188
citations

471509

17
h-index

677142

22
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26
all docs

26
docs citations

26
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Pentamethylphenyl (Ph*) ketones: Unique building blocks for organic synthesis. Tetrahedron Letters, 2021, 74, 153151.	1.4	8
2	Frontispiece: Control of Absolute Stereochemistry in Transition-Metal-Catalysed Hydrogen-Borrowing Reactions. Chemistry - A European Journal, 2020, 26, .	3.3	0
3	Enantioconvergent alkylation of ketones with racemic secondary alcohols <i>via</i> hydrogen borrowing catalysis. Chemical Communications, 2020, 56, 3543-3546.	4.1	37
4	A hydrogen borrowing annulation strategy for the stereocontrolled synthesis of saturated aza-heterocycles. Chemical Communications, 2020, 56, 3563-3566.	4.1	29
5	Chemo- and Regioselective Synthesis of Acyl-Cyclohexenes by a Tandem Acceptorless Dehydrogenation-[1,5]-Hydride Shift Cascade. Journal of the American Chemical Society, 2020, 142, 2514-2523.	13.7	30
6	Control of Absolute Stereochemistry in Transition-Metal-Catalysed Hydrogen-Borrowing Reactions. Chemistry - A European Journal, 2020, 26, 12912-12926.	3.3	76
7	Synthesis of Allenes by 1,2-Elimination. Current Organic Chemistry, 2020, 23, 3027-3039.	1.6	10
8	Catalytic Asymmetric Synthesis of Cyclohexanes by Hydrogen Borrowing Annulations. Angewandte Chemie - International Edition, 2019, 58, 12558-12562.	13.8	54
9	Catalytic Asymmetric Synthesis of Cyclohexanes by Hydrogen Borrowing Annulations. Angewandte Chemie, 2019, 131, 12688-12692.	2.0	26
10	Stereoselective synthesis of alicyclic ketones: A hydrogen borrowing approach. Tetrahedron, 2019, 75, 130680.	1.9	20
11	Enantiodivergent Synthesis of Allenes by Point-to-Axial Chirality Transfer. Angewandte Chemie - International Edition, 2018, 57, 8203-8208.	13.8	36
12	Stereoselective Synthesis of Cyclohexanes via an Iridium Catalyzed (5 + 1) Annulation Strategy. Journal of the American Chemical Society, 2018, 140, 11916-11920.	13.7	66
13	Enantiodivergent Synthesis of Allenes by Point-to-Axial Chirality Transfer. Angewandte Chemie, 2018, 130, 8335-8340.	2.0	13
14	Catalytic enantioselective synthesis of atropisomeric biaryls by a cation-directed O-alkylation. Nature Chemistry, 2017, 9, 558-562.	13.6	200
15	Conjunctive functionalization of vinyl boronate complexes with electrophiles: a diastereoselective three-component coupling. Chemical Communications, 2017, 53, 4922-4925.	4.1	55
16	Synthesis of Functionalized Alkenes by a Transition-Metal-Free Zweifel Coupling. Organic Letters, 2017, 19, 2762-2765.	4.6	77
17	Stereodivergent Olefination of Enantioenriched Boronic Esters. Angewandte Chemie, 2017, 129, 804-808.	2.0	31
18	Stereodivergent Olefination of Enantioenriched Boronic Esters. Angewandte Chemie - International Edition, 2017, 56, 786-790.	13.8	68

#	ARTICLE	IF	CITATIONS
19	50 Years of Zweifel Olefination: A Transition-Metal-Free Coupling. <i>Synthesis</i> , 2017, 49, 3323-3336.	2.3	156
20	Cation-Directed Enantioselective N-Functionalization of Pyrroles. <i>Synlett</i> , 2015, 27, 6-10.	1.8	6
21	Catalytic Enantioselective Synthesis of Atropisomeric Biaryls: A Cation-Directed Nucleophilic Aromatic Substitution Reaction. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12822-12826.	13.8	130
22	Catalytic Enantioselective Synthesis of Atropisomeric Biaryls: A Cation-Directed Nucleophilic Aromatic Substitution Reaction. <i>Angewandte Chemie</i> , 2014, 126, 13036-13040.	2.0	57
23	Furanyl cyclic amines: a diastereoselective synthesis of 2,6-syn-disubstituted piperidines under thermodynamic control. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2392.	2.8	3