

Donald Craig

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Convenient Method for the Preparation of Enantiomerically Pure 2-Substituted N-Tosylaziridines. <i>Synlett</i> , 1992, 1992, 41-44.	1.8	66
2	Sulfone-Mediated Total Synthesis of (±)-Lepadiformine. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2631-2634.	13.8	56
3	Asymmetric Decarboxylative Claisen Rearrangement Reactions of Sulfoximine-Substituted Allylic Tosylacetic Esters. <i>Journal of Organic Chemistry</i> , 2005, 70, 6827-6832.	3.2	42
4	Synthesis of Homoallylic Sulfones through a Decarboxylative Claisen Rearrangement Reaction. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 618-621.	13.8	37
5	Synthesis of tetrahydroisoquinolines via intramolecular electrophilic aromatic substitution reactions of Pummerer-derived substituted N-benzyl-N-tosyl- β -aminothionium ions. <i>Tetrahedron</i> , 1992, 48, 7803-7816.	1.9	32
6	Decarboxylative Claisen Rearrangement Reactions of Allylic Tosylmalonate Esters. <i>Organic Letters</i> , 2005, 7, 463-465.	4.6	32
7	5-endo-trig Cyclisations in heterocycle synthesis: enantiospecific synthesis of (+)-monomorine I. <i>Chemical Communications</i> , 1997, , 2141-2142.	4.1	29
8	Sulfone-mediated synthesis of polysubstituted pyridines. <i>Tetrahedron Letters</i> , 2005, 46, 2559-2562.	1.4	29
9	Claisen rearrangements of equilibrating allylic azides. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7057.	2.8	28
10	Total Synthesis of the Cytotoxic Guaipyridine Sesquiterpene Alkaloid (+)-Cananodine. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3558-3561.	2.4	27
11	Stereoselective β -lactam synthesis via palladium-catalysed intramolecular allylation. <i>Chemical Communications</i> , 2005, , 3439.	4.1	26
12	1,4-Bis(arylsulfonyl)-1,2,3,4-tetrahydropyridines in Synthesis. Highly Regio- and Stereoselective S_N1 and Alkylation Reactions. <i>Synlett</i> , 1998, 1998, 55-57.	1.8	24
13	1,4-Bis(arylsulfonyl)-1,2,3,4-tetrahydropyridines in Synthesis. Intramolecular Alkylation Reactions and Stereoselective Synthesis of Anti-2,6-Disubstituted Piperidines. <i>Synlett</i> , 1998, 1998, 58-60.	1.8	23
14	Template-directed intramolecular C-glycosidation. cation-mediated synthesis of ketooxetanes from thiglycosides. <i>Tetrahedron</i> , 1999, 55, 15025-15044.	1.9	23
15	A Sulfone-mediated Synthesis of (+)-Preussin. <i>Synlett</i> , 2001, 2001, 1602-1604.	1.8	23
16	A [3,3]-sigmatropic process catalysed by acetate. The decarboxylative Claisen rearrangement. <i>Tetrahedron</i> , 2006, 62, 483-495.	1.9	21
17	Transannular, decarboxylative Claisen rearrangement reactions for the synthesis of sulfur-substituted vinylcyclopropanes. <i>Chemical Communications</i> , 2010, 46, 4991.	4.1	20
18	Decarboxylative Claisen rearrangement reactions: synthesis and reactivity of alkylidene-substituted indolines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7904.	2.8	19

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19	Heterocyclic synthesis by C—C bond formation. Tetrahydrofuran and tetrahydropyran synthesis via oxonium ion-mediated cyclisation reactions. <i>Tetrahedron Letters</i> , 1997, 38, 8599-8602.	1.4	18
20	Stereoselective synthesis of substituted tetrahydrofurans using 5-endo-trig cyclisation reactions. <i>Tetrahedron</i> , 1999, 55, 13471-13494.	1.9	17
21	Silyl-modified Bellu—Claisen rearrangement. <i>Chemical Communications</i> , 2007, , 1077-1079.	4.1	17
22	Aziridine-based concise synthesis of (±)-alstonerine. <i>Chemical Communications</i> , 2013, 49, 9275.	4.1	17
23	4-(Phenylsulfonyl)-4-lithiocyclopentene as a nucleophilic 2-pentene-1,5-dial synthetic equivalent. An aziridine-based synthetic approach to (±)-alstonerine. <i>Tetrahedron Letters</i> , 2005, 46, 4687-4690.	1.4	16
24	Double decarboxylative Claisen rearrangement reactions: microwave-assisted de novo synthesis of pyridines. <i>Chemical Communications</i> , 2008, , 3408.	4.1	16
25	Reactivity of dearomatised furans synthesised via the decarboxylative Claisen rearrangement. <i>Tetrahedron Letters</i> , 2009, 50, 3503-3508.	1.4	16
26	Directed addition of sulfur-stabilised carbanions to 1,2,3-trisubstituted aziridines. <i>Tetrahedron</i> , 2010, 66, 6376-6382.	1.9	16
27	Template-directed intramolecular C-glycosidation. Formation of tetrahydrofurans and application to the synthesis of a higher-order sugar. <i>Tetrahedron</i> , 1999, 55, 13495-13512.	1.9	15
28	Vitamin D3 Synthetic Studies: Enantiospecific Synthesis of the CD Ring Fragment. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1444-1446.	4.4	14
29	Highly regioselective decarboxylative Claisen rearrangement reactions of diallyl 2-sulfonylmalonates. <i>Tetrahedron Letters</i> , 2007, 48, 7861-7864.	1.4	13
30	A quantitative structure—reactivity relationship in decarboxylative Claisen rearrangement reactions of allylic tosylmalonate esters. <i>Chemical Communications</i> , 2008, , 6054.	4.1	12
31	Highly regioselective ring-opening of trisubstituted aziridines by sulfur-stabilised carbanions. <i>Chemical Communications</i> , 2009, , 451-453.	4.1	12
32	Exopericyclic stereocontrol in Johnson—Claisen rearrangements of allylic sulfides. <i>Chemical Communications</i> , 2010, 46, 6932.	4.1	12
33	Heteroaromatic Decarboxylative Claisen Rearrangement Reactions. <i>Synthesis</i> , 2005, 2005, 3279-3282.	2.3	11
34	Sulfone-Mediated Total Synthesis of (±)-Lepadiformine. <i>Angewandte Chemie</i> , 2007, 119, 2685-2688.	2.0	10
35	Transannular Claisen rearrangement reactions for the synthesis of vinylcyclobutanes: formal synthesis of (±)-grandisol. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8000.	2.8	9
36	Synthesis and hetero-Diels—Alder reactions of enantiomerically pure dihydro-1 <i>H</i> -azepines. <i>Chemical Communications</i> , 2020, 56, 9803-9806.	4.1	9

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37	Paclitaxel synthetic studies. A Diels-Alder approach to the A-ring. <i>Chemical Communications</i> , 2000, , 1767-1768.	4.1	8
38	Vitamin D3 Synthetic Studies. A Three-Step Procedure for the Preparation of (+)-(1R,5R,6R,9R,2 ϵ 2R)-1-Methyl-9-(6-methylhept-2-yl)-5-(phenylsulfonyl)bicyclo[4.3.0]nonane from Windaus-Grundmann Ketone. <i>Synthetic Communications</i> , 1994, 24, 481-488.	2.1	7
39	Synthesis of substituted dihydrobenzothiopyrans and dihydrobenzopyrans by cation-mediated cyclisation reactions. <i>Tetrahedron Letters</i> , 2005, 46, 3719-3723.	1.4	7
40	Highly diastereoselective allylation reactions of dilithiated 4-(phenylsulfonyl)-cyclopent-2-enol. <i>Tetrahedron Letters</i> , 2010, 51, 99-101.	1.4	3
41	Synthesis of Homoallylic Sulfones Through a Decarboxylative Claisen Rearrangement Reaction.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
42	Decarboxylative Claisen Rearrangement Reactions of Allylic Tosylmalonate Esters.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
43	Sulfone-Mediated Synthesis of Polysubstituted Pyridines.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
44	Stereoselective β -Lactam Synthesis via Palladium-Catalyzed Intramolecular Allylation.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
45	Creating Complexity. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1881-1882.	2.2	0