

Dale E Ward

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The destruxins: synthesis, biosynthesis, biotransformation, and biological activity. <i>Phytochemistry</i> , 2002, 59, 579-596.	2.9	221
2	A simple method for the microscale preparation of mosher's acid chloride. <i>Tetrahedron Letters</i> , 1991, 32, 7165-7166.	1.4	158
3	Proline-catalyzed asymmetric aldol reactions of tetrahydro-4H-thiopyran-4-one with aldehydes. <i>Tetrahedron Letters</i> , 2004, 45, 8347-8350.	1.4	89
4	Enantioselective Direct Intermolecular Aldol Reactions with Enantiotopic Group Selectivity and Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2005, 7, 1181-1184.	4.6	80
5	Chemoselective reductions with sodium borohydride. <i>Canadian Journal of Chemistry</i> , 1989, 67, 1206-1211.	1.1	73
6	Intramolecular Diels-Alder Reaction by Self-Assembly of the Components on a Lewis Acid Template. <i>Organic Letters</i> , 2000, 2, 3937-3940.	4.6	62
7	Thiopyran Route to Polypropionates: An Efficient Synthesis of Serricornin. <i>Journal of Organic Chemistry</i> , 2006, 71, 8989-8992.	3.2	53
8	Diastereoselective Formation of Cyanohydrins from $\hat{\pm}$ -Alkoxy Aldehydes. <i>Organic Letters</i> , 2000, 2, 57-60.	4.6	49
9	Catalytic Enantioselective Diels-Alder Reaction by Self-Assembly of the Components on a Lewis Acid Template. <i>Organic Letters</i> , 2005, 7, 3533-3536.	4.6	47
10	Chemoselective Reductions with Sodium Borohydride. Aldehydes vs. Ketones. <i>Synthetic Communications</i> , 1988, 18, 1927-1933.	2.1	45
11	A general method for the selective reduction of ketones in the presence of enones. <i>Tetrahedron Letters</i> , 1988, 29, 517-520.	1.4	42
12	[3 + 3] Annulation Based on 6-Endo-Trig Radical Cyclization: Regioselectivity and Diastereoselectivity. <i>Journal of Organic Chemistry</i> , 1995, 60, 7830-7836.	3.2	41
13	Enantioselective Total Synthesis of Cyathin A3. <i>Organic Letters</i> , 2007, 9, 2843-2846.	4.6	41
14	Synthesis of the host-selective phytotoxin destruxin B. Avoiding diketopiperazine formation from an N-methyl amino acid dipeptide by use of the Boc-hydrazide derivative. <i>Tetrahedron Letters</i> , 1997, 38, 339-342.	1.4	37
15	Enantioselective Enolborination. <i>Journal of the American Chemical Society</i> , 1998, 120, 1098-1099.	13.7	36
16	Probing Host-Selective Phytotoxicity: Synthesis and Biological Activity of Phomalide, Isophomalide, and Dihydrophomalide. <i>Journal of Organic Chemistry</i> , 1999, 64, 1657-1666.	3.2	36
17	In planta sequential hydroxylation and glycosylation of a fungal phytotoxin: Avoiding cell death and overcoming the fungal invader. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 747-752.	7.1	34
18	The thiopyran route to polypropionates. <i>Chemical Communications</i> , 2011, 47, 11375.	4.1	33

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19	Metabolites of bird's nest fungi. Part 8. Some minor metabolites of <i>Cyathus helenae</i> and some correlations among the cyathins. <i>Canadian Journal of Chemistry</i> , 1978, 56, 717-721.	1.1	32
20	A General Approach to Cyathin Diterpenes. Total Synthesis of Allocyathin B3. <i>Organic Letters</i> , 2000, 2, 2125-2127.	4.6	30
21	Probing Host-Selective Phytotoxicity: Synthesis of Destruxin B and Several Natural Analogues. <i>Journal of Organic Chemistry</i> , 2001, 66, 7832-7840.	3.2	30
22	Influence of the β -Alkoxy Group on the Diastereoselectivity of Aldol Reactions of Tetrahydro-4H-thiopyran-4-one with 4-Alkoxytetrahydro-2H-thiopyran-3-carboxaldehydes. <i>Journal of Organic Chemistry</i> , 2002, 67, 1618-1629.	3.2	30
23	Enantiospecific Total Synthesis of Lairdinol A. <i>Journal of Organic Chemistry</i> , 2008, 73, 1071-1076.	3.2	29
24	Rational Design of Aldol Reactions That Proceed via Kinetic Resolution with Switchable Enantioselectivity. <i>Journal of Organic Chemistry</i> , 2009, 74, 4447-4454.	3.2	28
25	On the Origin of Siphonariid Polypropionates: Total Synthesis of Baconipyronone A, Baconipyronone C, and Siphonaridin B via their Putative Common Precursor. <i>Journal of the American Chemical Society</i> , 2010, 132, 7210-7215.	13.7	28
26	Metabolites of bird's nest fungi. Part 10. Carbon-13 nuclear magnetic resonance studies on the cyathins. <i>Canadian Journal of Chemistry</i> , 1978, 56, 2197-2199.	1.1	26
27	Transformation of the host-selective toxin destruxin B by wild crucifers: probing a detoxification pathway. <i>Phytochemistry</i> , 2003, 64, 957-963.	2.9	25
28	Synthetic Anti Isomerization of Aldols by Enolization. <i>Journal of Organic Chemistry</i> , 2004, 69, 4808-4815.	3.2	25
29	Synthetic studies on cyathins. Synthesis of the ring system. <i>Canadian Journal of Chemistry</i> , 1987, 65, 2380-2384.	1.1	24
30	The diastereoselective synthesis of (+)-actinobolin from D-glucose. <i>Tetrahedron Letters</i> , 1993, 34, 407-410.	1.4	24
31	On the Origin of Siphonariid Polypropionates: Total Synthesis of Caloundrin B and Its Isomerization to Siphonaridin B. <i>Organic Letters</i> , 2012, 14, 1648-1651.	4.6	24
32	[3+3] Annulation by sequential two electron and one electron allylation. <i>Tetrahedron Letters</i> , 1991, 32, 843-846.	1.4	22
33	Synthetic studies on cyathin diterpenes - Total synthesis of (\pm)-allocyathin B3. <i>Canadian Journal of Chemistry</i> , 2004, 82, 254-267.	1.1	22
34	The Thiopyran Route to Polypropionates: Enantioselective Synthesis of Membrenone B from Racemic Fragments. <i>Journal of Organic Chemistry</i> , 2007, 72, 7805-7808.	3.2	22
35	Enantioselective Direct Aldol Reactions of Achiral Ketones with Racemic Enolizable β -Substituted Aldehydes: Scope and Limitations. <i>Synlett</i> , 2011, 2011, 508-512.	1.8	21
36	The synthesis of the cyathins. Part 1. Synthesis of a tricyclic intermediate. <i>Canadian Journal of Chemistry</i> , 1981, 59, 2665-2672.	1.1	20

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37	Simple and Efficient Preparation of Reagents for Thiopyran Introduction: Methyl Tetrahydro-4-oxo-2H-thiopyran-3-carboxylate, Tetrahydro-4H-thiopyran-4-one, and 3,6-Dihydro-4-trimethylsilyloxy-2H-thiopyran. <i>Synthesis</i> , 2007, 2007, 1584-1586.	2.3	20
38	Intramolecular Diels-Alder reactions of 2H-thiopyran dienes. <i>Canadian Journal of Chemistry</i> , 1996, 74, 1418-1436.	1.1	19
39	Thiopyran Route to Polypropionates: Exploiting and Overcoming Double Stereodifferentiation and Mutual Kinetic Enantioselection in Aldol Couplings of Chiral Fragments. <i>Journal of Organic Chemistry</i> , 2007, 72, 1667-1674.	3.2	19
40	Diels-Alder reactions of activated 2H-thiopyrans. <i>Canadian Journal of Chemistry</i> , 1991, 69, 1487-1497.	1.1	18
41	Thiopyran Route to Polypropionates: Aldol Diastereoselectivity of Linear and Two-Directional Iterative Homologations. <i>Organic Letters</i> , 2000, 2, 1325-1328.	4.6	18
42	Diastereoselective Synthesis of Actinobolin from D-Glucose by Application of a Novel [3 + 3] Annulation. <i>Journal of Organic Chemistry</i> , 1994, 59, 4230-4238.	3.2	17
43	Understanding Host-Selective Phytotoxicity: Synthesis and Biological Discrimination of Phomalide and Its (Z)-Isomer. <i>Journal of Organic Chemistry</i> , 1996, 61, 8008-8009.	3.2	17
44	Synthetic Studies on Siphonariid Polypropionates: Synthesis and Isomerization of the Caloundrin B Trioxaadamantane Ring System. <i>Organic Letters</i> , 2009, 11, 1373-1376.	4.6	17
45	Synthetic Studies on Actinobolin and Bactobolin: Synthesis of N-Desalanyl-N-[2-(trimethylsilyl)ethanesulfonyl] Derivatives from a Common Intermediate and Attempted Removal of the SES Protecting Group. <i>Journal of Organic Chemistry</i> , 1996, 61, 5498-5505.	3.2	16
46	Aldol Reactions with Kinetic Resolution: Scope and Limitations of Ketal- and Dithioketal-Protected β -Ketoaldehydes. <i>Journal of Organic Chemistry</i> , 2012, 77, 10789-10803.	3.2	16
47	Exo selective diels-alder reactions mediated by Et ₂ AlCl in the presence of H ₂ O. <i>Tetrahedron Letters</i> , 1992, 33, 1851-1854.	1.4	15
48	Kinetic Resolution of Meso/dl Stereoisomeric Mixtures: Theory and Practice. <i>Journal of the American Chemical Society</i> , 1997, 119, 1884-1894.	13.7	15
49	The thiopyran route to polypropionates revisited: Selective syn and anti aldol reactions via 3,6-dihydro-4-trimethylsilyloxy-2H-thiopyran. <i>Tetrahedron Letters</i> , 1997, 38, 2201-2202.	1.4	15
50	Syn ^o Anti Isomerization of Aldols by Enolization. <i>Organic Letters</i> , 2001, 3, 3671-3673.	4.6	15
51	The thiopyran route to polypropionates. Asymmetric synthesis of the building blocks by enantioselective protonation. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2425-2430.	1.8	15
52	Metabolites produced by the Scleroderma canker fungus, <i>Gremmeniella abietina</i> . Part 4. Biosynthetic studies. <i>Canadian Journal of Chemistry</i> , 1987, 65, 760-764.	1.1	14
53	Diels-alder reactions of 2H-thiopyrans. <i>Tetrahedron Letters</i> , 1990, 31, 845-848.	1.4	14
54	Lewis acid mediated Diels-Alder reactions of 2H-thiopyrans. <i>Canadian Journal of Chemistry</i> , 1992, 70, 2627-2634.	1.1	14

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55	Metabolism of the Host-Selective Toxins Destruxin B and Homodestruxin B: Probing a Plant Disease Resistance Trait. <i>Organic Letters</i> , 1999, 1, 1655-1658.	4.6	14
56	Asymmetric synthesis using reactions with modest group selectivity. <i>Canadian Journal of Chemistry</i> , 1994, 72, 1429-1446.	1.1	13
57	A General Method for the Synthesis of 3-Substituted Tetrahydro- and 2,3-Dihydro-4H-thiopyran-4-ones. <i>Synlett</i> , 1996, 1996, 261-262.	1.8	13
58	Asymmetric Synthesis of Hexapropionate Synthons by Sequential Enantiotopic Group Selective Enolization of Meso Diketones. <i>Organic Letters</i> , 2006, 8, 2631-2634.	4.6	13
59	Total Synthesis of Muamvatin. <i>Organic Letters</i> , 2012, 14, 6246-6249.	4.6	12
60	Preparation of Desymmetrized Meso Derivatives by Kinetic Resolution of meso/dl Stereoisomeric Mixtures. <i>Journal of the American Chemical Society</i> , 1996, 118, 3025-3026.	13.7	11
61	Synthesis of (-)-bactobolin from D-glucose and from (+)-actinobolin. <i>Tetrahedron Letters</i> , 1994, 35, 3485-3488.	1.4	10
62	Attempted enantiotopic group selective cyanohydrin formation from $\hat{\pm}$ -alkoxy aldehydes by double stereodifferentiation. <i>Canadian Journal of Chemistry</i> , 2001, 79, 1775-1785.	1.1	10
63	A Systematic Study of the Effects of Relative Configuration, Protecting Group, and Enolate Type on the Diastereoselectivities of Aldol Reactions of a Chiral Ethyl Ketone with 2-Methylpropanal. <i>Journal of Organic Chemistry</i> , 2014, 79, 6868-6894.	3.2	9
64	On the Origin of Dolabriferol: Total Synthesis via Its Putative Contiguous Precursor. <i>Organic Letters</i> , 2016, 18, 3794-3797.	4.6	9
65	Synthesis of 10-methyl- $\hat{2}$ 4-octalins by Diels-Alder reactions of 2H-thiopyran surrogates for 1-ethenyl-2-methylcyclohexene. <i>Canadian Journal of Chemistry</i> , 1997, 75, 681-693.	1.1	8
66	Intramolecular Diels-Alder reactions of 2H-thiopyrans. <i>Tetrahedron Letters</i> , 1993, 34, 947-950.	1.4	7
67	Enhancing Stereoselectivity from Reactions with Modest Group Selectivity. <i>Synlett</i> , 1993, 1993, 561-563.	1.8	6
68	Simple Methods for the Preparation of Enantiomerically Pure Abscisic Acid (ABA) Analogues from (S)-(+)-ABA. <i>Synthetic Communications</i> , 1997, 27, 2133-2142.	2.1	5
69	Total Synthesis of Depsilairdin. <i>Journal of Organic Chemistry</i> , 2010, 75, 5170-5177.	3.2	5
70	Total Synthesis of Dolabriferol C via a Highly Stereoselective One-Pot Coupling of a Meso 3,7-Diketone with Two Chiral Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26777-26782.	13.8	4
71	A versatile method for the synthesis of $\hat{3}$ -pyrones. <i>Canadian Journal of Chemistry</i> , 2012, 90, 954-964.	1.1	1
72	Total syntheses of caloundrin B and its putative precursor, and their transformations into siphonaridin B, baconipyron A, and baconipyron C. <i>Strategies and Tactics in Organic Synthesis</i> , 2019, 14, 61-106.	0.1	1

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73	Proline-Catalyzed Asymmetric Aldol Reactions of Tetrahydro-4H-thiopyran-4-one with Aldehydes.. ChemInform, 2005, 36, no.	0.0	0
74	Total Synthesis of Dolabriferol C via a Highly Stereoselective One-Pot Coupling of a Meso 3,7-Diketone with Two Chiral Aldehydes. Angewandte Chemie, 2021, 133, 26981.	2.0	0