

# Larry E Overman

## List of Publications by Year in descending order

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348  
papers

27,893  
citations

4383

86  
h-index

9579

142  
g-index

461  
all docs

461  
docs citations

461  
times ranked

11385  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Asymmetric Intramolecular Heck Reaction in Natural Product Total Synthesis. <i>Chemical Reviews</i> , 2003, 103, 2945-2964.	23.0	1,364
2	Catalytic enantioselective synthesis of quaternary carbon stereocentres. <i>Nature</i> , 2014, 516, 181-191.	13.7	791
3	Asymmetric Catalysis Special Feature Part I: Catalytic asymmetric synthesis of all-carbon quaternary stereocenters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5363-5367.	3.3	783
4	Total Synthesis of Complex Cyclotryptamine Alkaloids: Stereocontrolled Construction of Quaternary Carbon Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5488-5508.	7.2	418
5	Contiguous stereogenic quaternary carbons: A daunting challenge in natural products synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11943-11948.	3.3	320
6	Vinylsilane- and alkynylsilane-terminated cyclization reactions. <i>Chemical Reviews</i> , 1986, 86, 857-873.	23.0	319
7	"Artificial enzyme" combining a metal catalytic group and a hydrophobic binding cavity. <i>Journal of the American Chemical Society</i> , 1970, 92, 1075-1077.	6.6	317
8	Mercury(II)- and Palladium(II)-Catalyzed [3,3]-Sigmatropic Rearrangements [New Synthetic Methods (46)]. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 579-586.	4.4	312
9	Oxalates as Activating Groups for Alcohols in Visible Light Photoredox Catalysis: Formation of Quaternary Centers by Redox-Neutral Fragment Coupling. <i>Journal of the American Chemical Society</i> , 2015, 137, 11270-11273.	6.6	304
10	Intramolecular alkene arylations for rapid assembly of polycyclic systems containing quaternary centers. A new synthesis of spirooxindoles and other fused and bridged ring systems. <i>Journal of Organic Chemistry</i> , 1987, 52, 4130-4133.	1.7	296
11	A general method for the synthesis of amines by the rearrangement of allylic trichloroacetimidates. 1,3 Transposition of alcohol and amine functions. <i>Journal of the American Chemical Society</i> , 1976, 98, 2901-2910.	6.6	288
12	Synthetic Strategies toward Natural Products Containing Contiguous Stereogenic Quaternary Carbon Atoms. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4156-4186.	7.2	280
13	Direct Construction of Quaternary Carbons from Tertiary Alcohols via Photoredox-Catalyzed Fragmentation of <i>tert</i> -Alkyl <i>N</i> -Phthalimidoyl Oxalates. <i>Journal of the American Chemical Society</i> , 2013, 135, 15342-15345.	6.6	255
14	Allylic and propargylic imidic esters in organic synthesis. <i>Accounts of Chemical Research</i> , 1980, 13, 218-224.	7.6	245
15	Catalytic Asymmetric Rearrangement of Allylic Trichloroacetimidates. A Practical Method for Preparing Allylic Amines and Congeners of High Enantiomeric Purity. <i>Journal of the American Chemical Society</i> , 2003, 125, 12412-12413.	6.6	243
16	A Concise Synthesis of $\alpha$ -Aplyviolene Facilitated by a Strategic Tertiary Radical Conjugate Addition. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9576-9580.	7.2	242
17	Strategic Use of Pinacol-Terminated Prins Cyclizations in Target-Oriented Total Synthesis. <i>Journal of Organic Chemistry</i> , 2003, 68, 7143-7157.	1.7	241
18	Catalytic Asymmetric Intramolecular Aminopalladation: Enantioselective Synthesis of Vinyl-Substituted 2-Oxazolidinones, 2-Imidazolidinones, and 2-Pyrrolidinones. <i>Journal of the American Chemical Society</i> , 2002, 124, 12-13.	6.6	237

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19	Catalytic Asymmetric Synthesis of Quaternary Carbon Centers. Exploratory Investigations of Intramolecular Heck Reactions of (E)- $\beta,\beta^2$ -Unsaturated 2-Haloanilides and Analogues To Form Enantioenriched Spirocyclic Products. <i>Journal of the American Chemical Society</i> , 1998, 120, 6477-6487.	6.6	236
20	Constructing Quaternary Carbons from <i>N</i> -(Acyloxy)phthalimide Precursors of Tertiary Radicals Using Visible-Light Photocatalysis. <i>Journal of Organic Chemistry</i> , 2015, 80, 6025-6036.	1.7	213
21	Catalytic Asymmetric Synthesis of Either Enantiomer of the Calabar Alkaloids Physostigmine and Physovenine. <i>Journal of the American Chemical Society</i> , 1998, 120, 6500-6503.	6.6	211
22	Direct Stereo- and Enantiocontrolled Synthesis of Vicinal Stereogenic Quaternary Carbon Centers. Total Syntheses of meso- and (âˆ—)-Chimonanthine and (+)-Calycanthine. <i>Journal of the American Chemical Society</i> , 1999, 121, 7702-7703.	6.6	211
23	Enantioselective Total Synthesis of (-)-Ptilomycalin A. <i>Journal of the American Chemical Society</i> , 1995, 117, 2657-2658.	6.6	210
24	Palladium-catalyzed polyene cyclizations of trienyl triflates. <i>Journal of Organic Chemistry</i> , 1989, 54, 5846-5848.	1.7	209
25	Catalytic asymmetric synthesis of quaternary carbon centers. Palladium-catalyzed formation of either enantiomer of spirooxindoles and related spirocyclics using a single enantiomer of a chiral diphosphine ligand. <i>Journal of Organic Chemistry</i> , 1992, 57, 4571-4572.	1.7	207
26	Catalytic Asymmetric Synthesis of Quaternary Carbons Bearing Two Aryl Substituents. Enantioselective Synthesis of 3-Alkyl-3-Aryl Oxindoles by Catalytic Asymmetric Intramolecular Heck Reactions. <i>Journal of the American Chemical Society</i> , 2003, 125, 6261-6271.	6.6	203
27	Strategic Use of Visible-Light Photoredox Catalysis in Natural Product Synthesis. <i>Chemical Reviews</i> , 2022, 122, 1717-1751.	23.0	199
28	Total Synthesis of the Strychnos Alkaloid (+)-Minfiensine: Tandem Enantioselective Intramolecular Heck $\beta^2$ -Iminium Ion Cyclization. <i>Journal of the American Chemical Society</i> , 2008, 130, 5368-5377.	6.6	197
29	Thermal and mercuric ion catalyzed [3,3]-sigmatropic rearrangement of allylic trichloroacetimidates. 1,3 Transposition of alcohol and amine functions. <i>Journal of the American Chemical Society</i> , 1974, 96, 597-599.	6.6	192
30	Asymmetric Synthesis of Pyrrolidinoindolines. Application for the Practical Total Synthesis of (âˆ—)-Phenserine. <i>Journal of the American Chemical Society</i> , 2004, 126, 14043-14053.	6.6	188
31	Charge as a key component in reaction design. The invention of cationic cyclization reactions of importance in synthesis. <i>Accounts of Chemical Research</i> , 1992, 25, 352-359.	7.6	187
32	Catalytic Asymmetric Synthesis of Quaternary Carbon Centers. Exploratory Studies of Intramolecular Heck Reactions of (Z)- $\beta,\beta^2$ -Unsaturated Anilides and Mechanistic Investigations of Asymmetric Heck Reactions Proceeding via Neutral Intermediates. <i>Journal of the American Chemical Society</i> , 1998, 120, 6488-6499.	6.6	182
33	Asymmetric synthesis of either enantiomer of opium alkaloids and morphinans. Total synthesis of (-)- and (+)-dihydrocodeinone and (-)- and (+)-morphine. <i>Journal of the American Chemical Society</i> , 1993, 115, 11028-11029.	6.6	180
34	Catalytic Asymmetric Rearrangement of Allylic <i>N</i> -Aryl Trifluoroacetimidates. A Useful Method for Transforming Prochiral Allylic Alcohols to Chiral Allylic Amines. <i>Organic Letters</i> , 2003, 5, 1809-1812.	2.4	174
35	Catalytic asymmetric synthesis of either enantiomer of physostigmine. Formation of quaternary carbon centers with high enantioselection by intramolecular Heck reactions of (Z)-2-butenanilides. <i>Journal of Organic Chemistry</i> , 1993, 58, 6949-6951.	1.7	168
36	Fragment Coupling with Tertiary Radicals Generated by Visible-Light Photocatalysis. <i>Accounts of Chemical Research</i> , 2016, 49, 1578-1586.	7.6	168

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37	Synthesis applications of cationic aza-Cope rearrangements. 26. Enantioselective total synthesis of (-)-strychnine. <i>Journal of the American Chemical Society</i> , 1993, 115, 9293-9294.	6.6	162
38	Sequential Catalytic Asymmetric Heck <sup>^</sup> Iminium Ion Cyclization: An Enantioselective Total Synthesis of the Strychnos Alkaloid Minfiensine. <i>Journal of the American Chemical Society</i> , 2005, 127, 10186-10187.	6.6	162
39	Total Synthesis of (S)-Spirotryprostatin B and Three Stereoisomers. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4596-4599.	7.2	158
40	Enantioselective Total Synthesis of (+)-Gliocladine C: Convergent Construction of Cyclotryptamine-Fused Polyoxopiperazines and a General Approach for Preparing Epidithiodioxopiperazines from Trioxopiperazine Precursors. <i>Journal of the American Chemical Society</i> , 2011, 133, 6549-6552.	6.6	155
41	Enantioselective Total Synthesis of Quadrigemine C and Psycholeine. <i>Journal of the American Chemical Society</i> , 2002, 124, 9008-9009.	6.6	152
42	Palladium-catalyzed polyene cyclizations of dienyl aryl iodides. <i>Journal of the American Chemical Society</i> , 1988, 110, 2328-2329.	6.6	149
43	First Enantioselective Catalyst for the Rearrangement of Allylic Imidates to Allylic Amides. <i>Journal of Organic Chemistry</i> , 1997, 62, 1449-1456.	1.7	147
44	High Enantioselection in the Rearrangement of Allylic Imidates with Ferrocenyl Oxazoline Catalysts. <i>Journal of the American Chemical Society</i> , 1999, 121, 2933-2934.	6.6	145
45	First total synthesis of scopadulcic acid B. <i>Journal of the American Chemical Society</i> , 1993, 115, 2042-2044.	6.6	141
46	Enantiodivergent Total Syntheses of (+)- and (S)-Scopadulcic Acid A. <i>Journal of the American Chemical Society</i> , 1999, 121, 5467-5480.	6.6	140
47	Asymmetric Total Syntheses of (-)- and (+)-Strychnine and the Wieland-Gumlich Aldehyde. <i>Journal of the American Chemical Society</i> , 1995, 117, 5776-5788.	6.6	138
48	Is There No End to the Total Syntheses of Strychnine? Lessons Learned in Strategy and Tactics in Total Synthesis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4288-4311.	7.2	138
49	First total synthesis of Lycopodium alkaloids of the magellanane group. Enantioselective total syntheses of (-)-magellanine and (+)-magellaninone. <i>Journal of the American Chemical Society</i> , 1993, 115, 2992-2993.	6.6	131
50	Enantioselective Construction of Vicinal Stereogenic Quaternary Centers by Dialkylation: Practical Total Syntheses of (+)- and meso-Chimonanthine. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 213-215.	7.2	131
51	Catalytic Asymmetric Synthesis of Chiral Allylic Esters. <i>Journal of the American Chemical Society</i> , 2005, 127, 2866-2867.	6.6	126
52	The tethered Biginelli condensation in natural product synthesis. <i>Chemical Communications</i> , 2004, , 253.	2.2	122
53	Stereocontrolled Total Syntheses of meso-Chimonanthine and meso-Calycanthine via a Novel Samarium Mediated Reductive Dialkylation. <i>Journal of the American Chemical Society</i> , 1996, 118, 8166-8167.	6.6	121
54	Catalytic Asymmetric Synthesis of Chiral Allylic Amines. Evaluation of Ferrocenyloxazoline Palladacycle Catalysts and Imidate Motifs. <i>Journal of Organic Chemistry</i> , 2005, 70, 648-657.	1.7	120

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55	Kinetic and Computational Analysis of the Palladium(II)-Catalyzed Asymmetric Allylic Trichloroacetimidate Rearrangement: A Development of a Model for Enantioselectivity. <i>Journal of the American Chemical Society</i> , 2007, 129, 5031-5044.	6.6	120
56	Construction of quaternary carbon centers by palladium-catalyzed intramolecular alkene insertions. Total synthesis of the Amaryllidaceae alkaloids (+)-tazettine and (+)-6a-epipretazettine. <i>Journal of the American Chemical Society</i> , 1990, 112, 6959-6964.	6.6	117
57	Total Synthesis of (±)- and (±)-Actinophyllic Acid. <i>Journal of the American Chemical Society</i> , 2010, 132, 4894-4906.	6.6	117
58	Monomeric Cobalt Oxazoline Palladacycles (COP). Useful Catalysts for Catalytic Asymmetric Rearrangement of Allylic Trichloroacetimidates. <i>Journal of Organic Chemistry</i> , 2004, 69, 8101-8104.	1.7	116
59	Use of aza-Cope rearrangement-Mannich cyclization reactions to achieve a general entry to Melodinus and Aspidosperma alkaloids. Stereocontrolled total syntheses of (+)-deoxoapodine, (+)-meloscine, and (+)-epimeloscine and a formal synthesis of (+)-1-acetylaspidobidine. <i>Journal of the American Chemical Society</i> , 1991, 113, 2598-2610.	6.6	115
60	Enantioselective Total Syntheses of Dityryptophenaline and ent-WIN 64821. <i>Journal of the American Chemical Society</i> , 2001, 123, 9465-9467.	6.6	114
61	Use of the Intramolecular Heck Reaction for Forming Congested Quaternary Carbon Stereocenters. Stereocontrolled Total Synthesis of (±)-Gelsemine. <i>Journal of the American Chemical Society</i> , 2005, 127, 18054-18065.	6.6	114
62	Total Synthesis of (±)-Actinophyllic Acid. <i>Journal of the American Chemical Society</i> , 2008, 130, 7568-7569.	6.6	113
63	Asymmetric Heck Reactions via Neutral Intermediates: Enhanced Enantioselectivity with Halide Additives Gives Mechanistic Insights. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 518-521.	4.4	111
64	Forging C(sp <sup>3</sup> )-C(sp <sup>3</sup> ) Bonds with Carbon-Centered Radicals in the Synthesis of Complex Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 2800-2813.	6.6	111
65	Iminium ion and acyliminium ion initiated cyclization reactions of vinylsilanes. Regiocontrolled synthesis of tetrahydropyridines and related heterocycles. <i>Journal of the American Chemical Society</i> , 1987, 109, 6097-6107.	6.6	110
66	Facile aminolysis of epoxides with diethylaluminum amides. <i>Tetrahedron Letters</i> , 1981, 22, 195-198.	0.7	108
67	Enantiospecific total synthesis of dendrobatid toxin 251D. A short chiral entry to the cardiac-active pumiliotoxin A alkaloids via stereospecific iminium ion-vinylsilane cyclizations. <i>Journal of the American Chemical Society</i> , 1981, 103, 1851-1853.	6.6	106
68	General approach to halogenated tetrahydrofuran natural products from red algae of the genus Laurencia. Total synthesis of (+)-kumausallene and (+)-1-epi-kumausallene. <i>Journal of Organic Chemistry</i> , 1993, 58, 2468-2477.	1.7	106
69	Enantioselective Total Synthesis of (-)-7-Deacetoxyalcyonin Acetate. First Synthesis of a Eunicellin Diterpene. <i>Journal of the American Chemical Society</i> , 1995, 117, 10391-10392.	6.6	105
70	Total Synthesis of (+)-Aloperine. Use of a Nitrogen-Bound Silicon Tether in an Intramolecular Diels-Alder Reaction. <i>Journal of the American Chemical Society</i> , 1999, 121, 700-709.	6.6	105
71	Palladium-catalyzed, polyene cyclizations. <i>Pure and Applied Chemistry</i> , 1992, 64, 1813-1819.	0.9	104
72	A General Strategy for the Synthesis of Cladiellin Diterpenes: Enantioselective Total Syntheses of 6-Acetoxycladiell-7(16),11-dien-3-ol (Deacetoxyalcyonin Acetate), Cladiell-11-ene-3,6,7-triol, Sclerophytin A, and the Initially Purported Structure of Sclerophytin A. <i>Journal of the American Chemical Society</i> , 2001, 123, 9033-9044.	6.6	104

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73	H3K9me3 Inhibition Improves Memory, Promotes Spine Formation, and Increases BDNF Levels in the Aged Hippocampus. <i>Journal of Neuroscience</i> , 2016, 36, 3611-3622.	1.7	101
74	Stereocontrolled Synthesis of Trisubstituted Tetrahydropyrans. <i>Journal of the American Chemical Society</i> , 1999, 121, 1092-1093.	6.6	100
75	Total Synthesis of (Δ <sup>7</sup> )-Sarain A. <i>Journal of the American Chemical Society</i> , 2007, 129, 11987-12002.	6.6	100
76	Palladium (II) - catalyzed rearrangement of allylic acetates. <i>Tetrahedron Letters</i> , 1979, 20, 321-324.	0.7	99
77	Total Synthesis of (+)-Sieboldine A. <i>Journal of the American Chemical Society</i> , 2010, 132, 7876-7877.	6.6	99
78	Enantioselective Total Synthesis of (+)-Gliocladin C. <i>Organic Letters</i> , 2007, 9, 339-341.	2.4	98
79	Enantioselective total syntheses of pumiliotoxin B and pumiliotoxin 251D. A general entry to the pumiliotoxin A alkaloids via stereospecific iminium ion-vinylsilane cyclizations. <i>Journal of the American Chemical Society</i> , 1984, 106, 4192-4201.	6.6	96
80	Palladium catalyzed enantioselective rearrangement of allylic imidates to allylic amides. <i>Journal of Organometallic Chemistry</i> , 1999, 576, 290-299.	0.8	96
81	Fragment Coupling and the Construction of Quaternary Carbons Using Tertiary Radicals Generated From <i>tert</i> -Alkyl <i>N</i> -Phthalimidoyl Oxalates By Visible-Light Photocatalysis. <i>Journal of Organic Chemistry</i> , 2015, 80, 6012-6024.	1.7	96
82	Synthesis studies directed toward gelsemine. Preparation of an advanced pentacyclic intermediate. <i>Tetrahedron Letters</i> , 1988, 29, 3785-3788.	0.7	94
83	Nucleophile-promoted electrophilic cyclization reactions of alkynes. <i>Journal of the American Chemical Society</i> , 1988, 110, 612-614.	6.6	94
84	Synthetic applications of <i>N</i> -acylamino-1,3-dienes. 10. Importance of allylic interactions and stereoelectronic effects in dictating the steric course of the reaction of iminium ions with nucleophiles. An efficient total synthesis of (+)-gephyrotoxin. <i>Journal of the American Chemical Society</i> , 1983, 105, 5373-5379.	6.6	92
85	Concise Synthesis of Guanidine-Containing Heterocycles Using the Biginelli Reaction. <i>Journal of Organic Chemistry</i> , 2006, 71, 7706-7714.	1.7	92
86	Constructing Quaternary Stereogenic Centers Using Tertiary Organocuprates and Tertiary Radicals. Total Synthesis of <i>trans</i> -Clerodane Natural Products. <i>Journal of the American Chemical Society</i> , 2015, 137, 660-663.	6.6	92
87	Total Synthesis of (Δ <sup>±</sup> )-Didehydrostemofoline (Asparagamine A) and (Δ <sup>±</sup> )-Isodidehydrostemofoline. <i>Journal of the American Chemical Society</i> , 2003, 125, 15284-15285.	6.6	89
88	Catalyzed sigmatropic rearrangements. 5. Palladium(II) chloride catalyzed Cope rearrangements of acyclic 1,5-dienes. <i>Journal of the American Chemical Society</i> , 1980, 102, 865-867.	6.6	88
89	Synthesis applications of cationic aza-Cope rearrangements. 24. The aza-Cope-Mannich approach to Strychnos alkaloids. Short stereocontrolled total syntheses of (+)-dehydrotubifoline and (+)-akuammicine. <i>Journal of the American Chemical Society</i> , 1993, 115, 3966-3976.	6.6	88
90	Stereocontrolled Synthesis of the Tetracyclic Core of the Bisguanidine Alkaloids Palau'amine and Styloguanidine. <i>Journal of the American Chemical Society</i> , 1997, 119, 7159-7160.	6.6	87

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91	Controlling stereoselection in intramolecular heck reactions by tailoring the palladium catalyst. <i>Tetrahedron Letters</i> , 1992, 33, 4859-4862.	0.7	86
92	Cyclopalladated ferrocenyl amines as enantioselective catalysts for the rearrangement of allylic imidates to allylic amides. <i>Tetrahedron Letters</i> , 1997, 38, 8837-8840.	0.7	85
93	Enantioselective Total Synthesis of Batzelladine F: Structural Revision and Stereochemical Definition. <i>Journal of the American Chemical Society</i> , 2001, 123, 10782-10783.	6.6	85
94	Scope and Facial Selectivity of the Prins-Pinacol Synthesis of Attached Rings. <i>Journal of Organic Chemistry</i> , 2006, 71, 1581-1587.	1.7	85
95	Enantioselective Total Synthesis of Guanacastepene N Using an Uncommon 7-Endo Heck Cyclization as a Pivotal Step. <i>Journal of the American Chemical Society</i> , 2006, 128, 13095-13101.	6.6	85
96	Chair topology of the palladium dichloride catalyzed Cope rearrangement of acyclic 1,5-dienes. <i>Journal of the American Chemical Society</i> , 1982, 104, 7225-7231.	6.6	84
97	The first enantioselective total syntheses of the allopumiliotoxin A alkaloids 267A and 339B. <i>Journal of Organic Chemistry</i> , 1992, 57, 1179-1190.	1.7	84
98	Application of the Tethered Biginelli Reaction for Enantioselective Synthesis of Batzelladine Alkaloids. Absolute Configuration of the Tricyclic Guanidine Portion of Batzelladine B. <i>Journal of Organic Chemistry</i> , 1999, 64, 1512-1519.	1.7	84
99	Total Synthesis of Asperazine. <i>Journal of the American Chemical Society</i> , 2001, 123, 9468-9469.	6.6	84
100	General Approach for Preparing Epidithiodioxopiperazines from Trioxopiperazine Precursors: Enantioselective Total Syntheses of (+)- and (âˆ’)-Gliocladine C, (+)-Leptosin D, (+)-T988C, (+)-Bionectin A, and (+)-Gliocladin A. <i>Journal of the American Chemical Society</i> , 2013, 135, 4117-4128.	6.6	84
101	Enantioselective Total Synthesis of Either Enantiomer of the Antifungal Antibiotic Preussin (L-657,398) from (S)-Phenylalanine. <i>Journal of the American Chemical Society</i> , 1994, 116, 11241-11250.	6.6	83
102	The first selective antagonist for a GABAC receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2073-2076.	1.0	83
103	Total synthesis of (+)-asperazine. <i>Tetrahedron</i> , 2007, 63, 8499-8513.	1.0	81
104	Synthetic applications of N-acylamino-1,3-dienes. An efficient stereospecific total synthesis of dl-pumiliotoxin C, and a general entry to cis-decahydroquinoline alkaloids. <i>Journal of the American Chemical Society</i> , 1978, 100, 5179-5185.	6.6	80
105	Enantioselective Total Synthesis of Shahamin K. <i>Journal of the American Chemical Society</i> , 2001, 123, 4851-4852.	6.6	80
106	Catalytic Asymmetric Synthesis of Allylic Aryl Ethers. <i>Organic Letters</i> , 2007, 9, 911-913.	2.4	79
107	Synthesis of tert-Leucine-Derived Cobalt Oxazoline Palladacycles. Reversal of Palladation Diastereoselectivity and Application to the Asymmetric Rearrangement of N-Aryl Trifluoroacetimidates. <i>Organometallics</i> , 2005, 24, 77-81.	1.1	78
108	Strategien für die Synthese von Naturstoffen mit benachbarten stereogenen quartären Kohlenstoffatomen. <i>Angewandte Chemie</i> , 2016, 128, 4226-4258.	1.6	78

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109	Total synthesis of (+,)-scopadulcic acid A. An illustration of the utility of palladium catalyzed polyene cyclizations. <i>Journal of Organic Chemistry</i> , 1993, 58, 5304-5306.	1.7	77
110	Stereocontrolled preparation of tetrahydrofurans from acid-promoted rearrangements of allylic acetals. <i>Journal of the American Chemical Society</i> , 1991, 113, 5354-5365.	6.6	74
111	Synthesis applications of aza-Cope rearrangements. Part 10. A new approach for the total synthesis of pentacyclic <i>Aspidosperma</i> alkaloids. Total synthesis of dl-16-methoxytabersonine. <i>Journal of Organic Chemistry</i> , 1983, 48, 2685-2690.	1.7	73
112	Synthesis applications of cationic aza-Cope rearrangements. Part 25. Total synthesis of <i>Amaryllidaceae</i> alkaloids of the 5,11-methanomorphanthridine type. Efficient total syntheses of (-)-pancracine and (+,)-pancracine. <i>Journal of Organic Chemistry</i> , 1993, 58, 4662-4672.	1.7	73
113	Enantioselective Total Synthesis of the Cyclotryptamine Alkaloid <i>Idiospermuline</i> . <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2525-2528.	7.2	73
114	On the Structure of Palau'amine: Evidence for the Revised Relative Configuration from Chemical Synthesis. <i>Journal of the American Chemical Society</i> , 2007, 129, 12896-12900.	6.6	73
115	Synthesis applications of aza-Cope rearrangements. 12. Applications of cationic aza-Cope rearrangements for alkaloid synthesis. Stereoselective preparation of cis-3a-aryloctahydroindoles and a new short route to <i>Amaryllidaceae</i> alkaloids. <i>Journal of the American Chemical Society</i> , 1983, 105, 6629-6637.	6.6	72
116	General approach to halogenated tetrahydrofuran natural products from red algae of the genus <i>Laurencia</i> . Total synthesis of (+,)-trans-kumausyne and demonstration of an asymmetric synthesis strategy. <i>Journal of the American Chemical Society</i> , 1991, 113, 5378-5384.	6.6	72
117	An unexpected product arising from metal alkylidene mediated ring-closing diene metathesis. <i>Tetrahedron Letters</i> , 1997, 38, 8635-8638.	0.7	72
118	Total Synthesis of (±)-Gelsemine. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2934-2936.	7.2	72
119	Enantioselective Total Synthesis of Briarellins E and F: The First Total Syntheses of Briarellin Diterpenes. <i>Journal of the American Chemical Society</i> , 2003, 125, 6650-6652.	6.6	72
120	Studies towards the total synthesis of palau'amine. Formation of 4,5-dihydropyrrole-2-carboxylate intermediates by alkene-enamide ring-closing metathesis. <i>Tetrahedron</i> , 2004, 60, 9559-9568.	1.0	72
121	Tertiary Alcohols as Radical Precursors for the Introduction of Tertiary Substituents into Heteroarenes. <i>ACS Catalysis</i> , 2019, 9, 3413-3418.	5.5	72
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