

Franklin A Davis

List of Publications by Year in descending order

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times ranked

4937
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#	ARTICLE	IF	CITATIONS
1	Asymmetric hydroxylation of enolates with N-sulfonyloxaziridines. <i>Chemical Reviews</i> , 1992, 92, 919-934.	23.0	606
2	Recent Synthetic Applications of Chiral Aziridines. <i>Synthesis</i> , 2000, 2000, 1347-1365.	1.2	546
3	Applications of oxaziridines in organic synthesis. <i>Tetrahedron</i> , 1989, 45, 5703-5742.	1.0	377
4	Recent advances in asymmetric reactions using sulfinimines (N-sulfinyl imines). <i>Tetrahedron</i> , 2004, 60, 8003-8030.	1.0	369
5	Asymmetric synthesis of amino acids using sulfinimines (thiooxime S-oxides). <i>Chemical Society Reviews</i> , 1998, 27, 13.	18.7	295
6	Adventures in Sulfur-Nitrogen Chemistry. <i>Journal of Organic Chemistry</i> , 2006, 71, 8993-9003.	1.7	246
7	Synthesis of α -hydroxycarbonyl compounds (acyloins): direct oxidation of enolates using 2-sulfonyloxaziridines. <i>Journal of Organic Chemistry</i> , 1984, 49, 3241-3243.	1.7	235
8	Asymmetric Synthesis and Properties of Sulfinimines (Thiooxime S-Oxides). <i>Journal of Organic Chemistry</i> , 1997, 62, 2555-2563.	1.7	199
9	Improved Synthesis of Enantiopure Sulfinimines (Thiooxime S-Oxides) from p-Toluenesulfinamide and Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 1999, 64, 1403-1406.	1.7	197
10	Chemistry of oxaziridines. 17. N-(Phenylsulfonyl)(3,3-dichlorocamphoryl)oxaziridine: a highly efficient reagent for the asymmetric oxidation of sulfides to sulfoxides. <i>Journal of the American Chemical Society</i> , 1992, 114, 1428-1437.	6.6	154
11	Selective, Electrophilic Fluorinations Using N-Fluoro-o-benzenedisulfonimide. <i>Journal of Organic Chemistry</i> , 1995, 60, 4730-4737.	1.7	151
12	Asymmetric synthesis of sulfinimines: applications to the synthesis of nonracemic β -amino acids and α -hydroxyl β -amino acids. <i>Journal of Organic Chemistry</i> , 1992, 57, 6387-6389.	1.7	143
13	Chemistry of oxaziridines. 14. Asymmetric oxidation of ketone enolates using enantiomerically pure (camphorylsulfonyl)oxaziridine. <i>Journal of the American Chemical Society</i> , 1990, 112, 6679-6690.	6.6	140
14	Asymmetric Synthesis and Reactions of cis-N-(p-Toluenesulfinyl)aziridine-2-carboxylic Acids. <i>Journal of Organic Chemistry</i> , 1994, 59, 3243-3245.	1.7	140
15	Asymmetric oxidation of ester and amide enolates using new (camphorylsulfonyl)oxaziridines. <i>Journal of Organic Chemistry</i> , 1986, 51, 2402-2404.	1.7	131
16	Chemistry of oxaziridines. 1. Synthesis and structure of 2-arenesulfonyl-3-aryloxaziridines. A new class of oxaziridines. <i>Journal of the American Chemical Society</i> , 1980, 102, 2000-2005.	6.6	129
17	Chemistry of oxaziridines. 2. Improved synthesis of 2-sulfonyloxaziridines. <i>Journal of Organic Chemistry</i> , 1982, 47, 1774-1775.	1.7	126
18	Concise Asymmetric Synthesis of \pm -Amino Acid Derivatives from N-Sulfinylimino Esters. <i>Journal of Organic Chemistry</i> , 1999, 64, 3396-3397.	1.7	124

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19	Asymmetric Strecker Synthesis Using Enantiopure Sulfinimines and Diethylaluminum Cyanide: The Alcohol Effect. <i>Journal of Organic Chemistry</i> , 1996, 61, 440-441.	1.7	123
20	Asymmetric Synthesis of 2H-Azirines: First Enantioselective Synthesis of the Cytotoxic Antibiotic (R)-(-)-Dysidazirine. <i>Journal of the American Chemical Society</i> , 1995, 117, 3651-3652.	6.6	116
21	Chemistry of oxaziridines. 9. Synthesis of 2-sulfonyl- and 2-sulfamoyloxaziridines using potassium peroxymonosulfate (oxone). <i>Journal of Organic Chemistry</i> , 1988, 53, 2087-2089.	1.7	113
22	(-)-.alpha.,.alpha.-Dichlorocamphorsulfonyloxaziridine: a superior reagent for the asymmetric oxidation of sulfides to sulfoxides. <i>Journal of the American Chemical Society</i> , 1989, 111, 5964-5965.	6.6	112
23	Chemistry of oxaziridines. 11. (Camphorylsulfonyl)oxaziridine: synthesis and properties. <i>Journal of the American Chemical Society</i> , 1988, 110, 8477-8482.	6.6	110
24	Chemistry of sulfenic acids. 7. Reason for the high reactivity of sulfenic acids. Stabilization by intramolecular hydrogen bonding and electronegativity effects. <i>Journal of Organic Chemistry</i> , 1986, 51, 1033-1040.	1.7	107
25	Applications of the Sulfinimine-Mediated Asymmetric Strecker Synthesis to the Synthesis of $\hat{\pm}$ -Alkyl $\hat{\pm}$ -Amino Acids. <i>Journal of Organic Chemistry</i> , 2000, 65, 8704-8708.	1.7	107
26	N-fluoro-o-benzenedisulfonimide: a useful new fluorinating reagent. <i>Tetrahedron Letters</i> , 1991, 32, 1631-1634.	0.7	104
27	Asymmetric Fluorination of Enolates with Nonracemic N-Fluoro-2,10-Camphorsultams. <i>Journal of Organic Chemistry</i> , 1998, 63, 2273-2280.	1.7	101
28	Asymmetric Synthesis of Aziridine 2-Phosphonates from Enantiopure Sulfinimines (N-Sulfinyl Imines). Synthesis of $\hat{\pm}$ -Amino Phosphonates. <i>Journal of Organic Chemistry</i> , 2003, 68, 2410-2419.	1.7	101
29	Intramolecular Mannich Reaction in the Asymmetric Synthesis of Polysubstituted Piperidines: Concise Synthesis of the Dendrobate Alkaloid (+)-241D and Its C-4 Epimer. <i>Organic Letters</i> , 2001, 3, 3169-3171.	2.4	99
30	Aza-Darzens Asymmetric Synthesis of N-(p-Toluenesulfinyl)aziridine 2-Carboxylate Esters from Sulfinimines (N-Sulfinyl Imines). <i>Journal of Organic Chemistry</i> , 1999, 64, 7559-7567.	1.7	97
31	Enantioselective synthesis of tertiary .alpha.-hydroxy carbonyl compounds using [(8,8-dichlorocamphoryl)sulfonyl]oxaziridine. <i>Journal of Organic Chemistry</i> , 1990, 55, 3715-3717.	1.7	95
32	Asymmetric Synthesis of $\hat{2}$ -Substituted $\hat{\pm}$ -Amino Acids Using 2H-Azirine-2-carboxylate Esters. Synthesis of 3,3-Disubstituted Aziridine-2-carboxylate Esters. <i>Journal of Organic Chemistry</i> , 1997, 62, 3796-3797.	1.7	95
33	Asymmetric Total Synthesis of ($\hat{\ast}$)-Agelastatin A Using Sulfinimine (N-Sulfinyl Imine) Derived Methodologies. <i>Organic Letters</i> , 2005, 7, 621-623.	2.4	95
34	Asymmetric Synthesis of (R)-(+)-.beta.-Phenylalanine from (S)-(+)-Benzylidene-p-toluenesulfinamide. Regeneration of the Sulfinimine Precursor. <i>Journal of Organic Chemistry</i> , 1995, 60, 7037-7039.	1.7	94
35	Asymmetric fluorination of enolates with N-fluoro 2,10- (3,3-dichlorocamphorsultam). <i>Tetrahedron Letters</i> , 1993, 34, 3971-3974.	0.7	92
36	2-Methyl N-(p-toluenesulfinyl)aziridine-2-carboxylic acid: Asymmetric synthesis of $\hat{\pm}$ -methylphenylalanine and $\hat{\pm}$ -methyl- $\hat{2}$ -phenylserine. <i>Tetrahedron Letters</i> , 1996, 37, 5473-5476.	0.7	88

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37	Chemistry of oxaziridines. 3. Asymmetric oxidation of organosulfur compounds using chiral 2-sulfonyloxaziridines. <i>Journal of the American Chemical Society</i> , 1982, 104, 5412-5418.	6.6	86
38	Asymmetric Synthesis of $\hat{1}\pm$ -Substituted $\hat{1}^2$ -Amino Ketones from Sulfinimines (N-Sulfinyl Imines). Synthesis of the Indolizidine Alkaloid (\hat{a}^*)-223A. <i>Journal of the American Chemical Society</i> , 2005, 127, 8398-8407.	6.6	83
39	Chemistry of sulfenic acids. 4. The first direct evidence for the involvement of sulfenic acids in the oxidation of thiols. <i>Journal of the American Chemical Society</i> , 1981, 103, 7016-7018.	6.6	82
40	Asymmetric synthesis of the antibiotic (+)-thiamphenicol using cis-N-(p-toluenesulfinyl)aziridine 2-carboxylic acids. <i>Tetrahedron Letters</i> , 1994, 35, 7525-7528.	0.7	81
41	Chemistry of oxaziridines. 10. Selective catalytic oxidation of sulfides to sulfoxides using N-sulfonyloxaziridines. <i>Journal of Organic Chemistry</i> , 1988, 53, 5004-5007.	1.7	80
42	Asymmetric Synthesis of Quaternary $\hat{1}\pm$ -Amino Phosphonates Using Sulfinimines. <i>Organic Letters</i> , 2001, 3, 1757-1760.	2.4	80
43	Chemistry of oxaziridines. 8. Asymmetric oxidation of nonfunctionalized sulfides to sulfoxides with high enantioselectivity by 2-sulfamoyloxaziridines. Influence of the oxaziridine C-aryl group on the asymmetric induction. <i>Journal of the American Chemical Society</i> , 1987, 109, 3370-3377.	6.6	78
44	Asymmetric oxidation of simple selenides to selenoxides in high enantiopurity. Stereochemical aspects of the allyl selenoxide/allyl selenenate rearrangement. <i>Journal of Organic Chemistry</i> , 1992, 57, 2599-2606.	1.7	78
45	Aziridine-2-carboxylic acid mediated asymmetric synthesis of D-erythro- and L-threo-sphingosine from a common precursor. <i>Tetrahedron Letters</i> , 1996, 37, 4349-4352.	0.7	75
46	Chemistry of the sulfur-nitrogen bond. VIII. N-Alkylidenesulfinamides. <i>Journal of the American Chemical Society</i> , 1974, 96, 5000-5001.	6.6	72
47	2-Arenesulfonyl-3-aryloxaziridines: A new class of aprotic oxidizing agents (oxidation of organic) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	0.7	72
48	Asymmetric synthesis of $\hat{1}\pm$ -fluoro ketones using $\hat{1}\pm$ -fluoro oxazolidinone \pm carboximides. <i>Tetrahedron Letters</i> , 1998, 39, 6135-6138.	0.7	72
49	Chemistry of the sulfur-nitrogen bond. 12. Metal-assisted synthesis of sulfenamide derivatives from aliphatic and aromatic disulfides. <i>Journal of Organic Chemistry</i> , 1977, 42, 967-972.	1.7	71
50	Asymmetric oxidation of achiral selenides to optically active selenoxides. <i>Tetrahedron</i> , 1985, 41, 4747-4757.	1.0	71
51	Asymmetric Synthesis of the Quinolizidine Alkaloid (\hat{a}^*)-Epimyrine with Intramolecular Mannich Cyclization and N-Sulfinyl $\hat{1}^2$ -Amino $\hat{1}^2$ -Ketoesters. <i>Journal of Organic Chemistry</i> , 2003, 68, 8061-8064.	1.7	71
52	Addition of dimethyloxosulfonium methylide to enantiomerically pure sulfinimines: Asymmetric synthesis of 2-substituted aziridines. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1511-1514.	1.8	70
53	Oxidation of silyl enol ethers using 2-sulfonyloxaziridines. Synthesis of α -siloxy epoxides and α -hydroxy carbonyl compounds. <i>Journal of Organic Chemistry</i> , 1987, 52, 954-955.	1.7	69
54	Synthesis and applications of nonracemic $\hat{1}^2$ -amino aldehydes to the asymmetric synthesis of piperdines: (+)-dihydropinidine. <i>Tetrahedron Letters</i> , 1998, 39, 5951-5954.	0.7	69

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55	Asymmetric synthesis of aziridine 2-phosphonates and aziriny phosphonates from enantiopure sulfinimines. <i>Tetrahedron Letters</i> , 1999, 40, 249-252.	0.7	69
56	An Efficient Synthesis of (S)-(+)-Ethyl \hat{I}^2 -Amino-3-pyridinepropanoate Using Enantiopure Sulfinimines. <i>Journal of Organic Chemistry</i> , 1996, 61, 2222-2225.	1.7	68
57	Asymmetric strecker synthesis using enantiopure sulfinimines: A convenient synthesis of \hat{I}^{\pm} -amino acids. <i>Tetrahedron Letters</i> , 1994, 35, 9351-9354.	0.7	66
58	Nonracemic \hat{I}^{\pm} -Fluoro Aldehydes: \hat{A} Asymmetric Synthesis of 4-Deoxy-4-fluoro-d-arabinopyranose. <i>Journal of Organic Chemistry</i> , 1997, 62, 7546-7547.	1.7	66
59	Asymmetric Synthesis of Acyclic 1,3-Amino Alcohols by Reduction of N-Sulfinyl \hat{I}^2 -Amino Ketones. Formal Synthesis of (\hat{a}^{\sim})-Pinidinol and (+)-Epipinidinol. <i>Journal of Organic Chemistry</i> , 2008, 73, 9619-9626.	1.7	66
60	Asymmetric synthesis of sulfinimines: Chiral ammonia imine synthons. <i>Tetrahedron Letters</i> , 1993, 34, 6229-6232.	0.7	65
61	Asymmetric synthesis of the methyl and benzyl ethers of erythro- α , β -diphenyl- β -hydroxyethanol and erythro- α , β -diphenyl- β -hydroxyethylamine from (+)-(-)-S)-benzoin. <i>Journal of Organic Chemistry</i> , 1989, 54, 2021-2024.	1.7	64
62	N-Sulfinyl \hat{I}^2 -Amino Weinreb Amides: \hat{a}^{\sim} Synthesis of Enantiopure \hat{I}^2 -Amino Carbonyl Compounds. Asymmetric Synthesis of (+)-Sedridine and (\hat{a}^{\sim})-Allosedridine. <i>Organic Letters</i> , 2003, 5, 925-927.	2.4	64
63	Stereo- and regioselective formation of silyl enol ethers via oxidation of vinyl anions. <i>Tetrahedron Letters</i> , 1988, 29, 4269-4272.	0.7	63
64	\hat{I}^1 -Amino \hat{I}^2 -Keto Esters, a Designed Polyfunctionalized Chiral Building Block for Alkaloid Synthesis. Asymmetric Synthesis of (R)-(+)-2-Phenylpiperidine and (\hat{a}^{\sim})-SS20846A. <i>Organic Letters</i> , 2000, 2, 1041-1043.	2.4	63
65	Asymmetric Synthesis of trans-2,5-Disubstituted Pyrrolidines from Enantiopure Homoallylic Amines. Synthesis of Pyrrolidine (\hat{a}^{\sim})-197B. <i>Journal of Organic Chemistry</i> , 2006, 71, 2779-2786.	1.7	63
66	Chemistry of sulfenic acids. 3. Studies of sterically hindered sulfenic acids using flash vacuum pyrolysis. <i>Journal of Organic Chemistry</i> , 1981, 46, 3467-3474.	1.7	62
67	Alkaloid Synthesis Using Chiral \hat{I}^1 -Amino \hat{I}^2 -Ketoesters: \hat{a}^{\sim} A Stereoselective Synthesis of (\hat{a}^{\sim})-Lasubine II. <i>Organic Letters</i> , 2000, 2, 2623-2625.	2.4	62
68	Asymmetric Synthesis of cis-5-tert-Butylproline with Metal Carbenoid NH Insertion. <i>Journal of Organic Chemistry</i> , 2003, 68, 5147-5152.	1.7	62
69	First synthesis of simple optically active selenoxides. <i>Tetrahedron Letters</i> , 1983, 24, 3191-3194.	0.7	61
70	Chemistry of oxaziridines. 4. Asymmetric epoxidation of unfunctionalized alkenes using chiral 2-sulfonyloxaziridines: evidence for a planar transition state geometry. <i>Journal of the American Chemical Society</i> , 1983, 105, 3123-3126.	6.6	61
71	Asymmetric Synthesis of the Protoberberine Alkaloid (S)-(\hat{a}^{\sim})-Xylopinine Using Enantiopure Sulfinimines. <i>Journal of Organic Chemistry</i> , 2002, 67, 1290-1296.	1.7	60
72	Asymmetric Synthesis of syn-(2R,3S)- and anti-(2S,3S)-Ethyl Diamino-3-phenylpropanoates from N-(Benzylidene)-p-toluenesulfinamide and Glycine Enolates. <i>Organic Letters</i> , 2004, 6, 2789-2792.	2.4	60

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73	Efficient Asymmetric Synthesis of β^2 -Fluoro β^1 -Amino Acids. <i>Journal of Organic Chemistry</i> , 1999, 64, 6931-6934.	1.7	59
74	Asymmetric Synthesis of Substituted Prolines from β^1 -Amino β^2 -Ketoesters. Methyl (2S,5R)-(+)-5-Phenylpyrrolidine-2-carboxylate. <i>Organic Letters</i> , 2002, 4, 1599-1602.	2.4	59
75	Asymmetric Synthesis of Functionalized trans-2,6-Disubstituted Piperidines with N-Sulfinyl β^1 -Amino β^2 -Ketoesters. Synthesis of (β^1)-Lasubine I. <i>Organic Letters</i> , 2003, 5, 3855-3857.	2.4	59
76	Asymmetric Synthesis of 2H-Azirine 2-Carboxylate Esters. <i>Journal of Organic Chemistry</i> , 1999, 64, 8929-8935.	1.7	58
77	Asymmetric Synthesis of the Carbocyclic Nucleoside Building Block (R)-(+)-4-Aminocyclopentenone Using β^1 -Amino β^2 -Ketophosphonates and Ring-Closing Metathesis (RCM). <i>Organic Letters</i> , 2004, 6, 1269-1272.	2.4	58
78	Epoxidation of olefins by oxaziridines. <i>Tetrahedron Letters</i> , 1981, 22, 917-920.	0.7	57
79	Improved Asymmetric Synthesis of Aziridine 2-Phosphonates Using (S)-(+)-2,4,6-Trimethylphenylsulfonamide. <i>Journal of Organic Chemistry</i> , 2003, 68, 6894-6898.	1.7	57
80	Synthesis of (2R, 3S)-methyl-2-fluoro-3-(n-benzoylamino)-3-phenylpropanoate: Modified side chain of taxol. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 955-960.	1.8	56
81	Chemistry of oxaziridines. 7. Kinetics and mechanism of the oxidation of sulfoxides and alkenes by 2-sulfonyloxaziridines. Relationship to the oxygen-transfer reactions of metal peroxides. <i>Journal of Organic Chemistry</i> , 1986, 51, 4240-4245.	1.7	55
82	The mechanism of hydroxylation of organometallic reagents by 2-sulfonyloxaziridines. <i>Tetrahedron Letters</i> , 1987, 28, 5115-5118.	0.7	54
83	Concise Asymmetric Synthesis of β^2 -Hydroxy β^1 -Amino Acids Using the Sulfinimine-Mediated Asymmetric Strecker Synthesis: A Phenylserine and β^2 -Hydroxyleucine. <i>Journal of Organic Chemistry</i> , 2000, 65, 7663-7666.	1.7	53
84	Masked Oxo Sulfinimines (N-Sulfinyl Imines) in the Asymmetric Synthesis of Proline and Pevconic Acid Derivatives. <i>Organic Letters</i> , 2001, 3, 759-762.	2.4	53
85	Aziridine-mediated asymmetric synthesis of quaternary β^2 -amino acids using 2H-azirine 2-carboxylate esters. <i>Tetrahedron</i> , 2002, 58, 7135-7143.	1.0	53
86	Direct Asymmetric Synthesis of β^2 -Amino Ketones from Sulfinimines (N-Sulfinylimines). Synthesis of (β^1)-Indolizidine 209B. <i>Organic Letters</i> , 2003, 5, 5011-5014.	2.4	53
87	Chemistry of the sulfur-nitrogen bond. VI. Convenient one-step synthesis of sulfinimines (S-aryl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	52
88	Sulfinimine-Mediated Asymmetric Synthesis of 1,3-Disubstituted Tetrahydroisoquinolines: A Stereoselective Synthesis of cis- and trans-6,8-Dimethoxy-1,3-dimethyl-1,2,3,4-tetrahydroisoquinoline. <i>Organic Letters</i> , 2000, 2, 3901-3903.	2.4	52
89	Approaches toward the total syntheses of astins A, B, and C. <i>Tetrahedron Letters</i> , 1994, 35, 2121-2124.	0.7	51
90	Oxidation of 1,3-dicarbonyl compounds using (camphorylsulfonyl)oxaziridines. <i>Tetrahedron</i> , 1998, 54, 10481-10492.	1.0	51

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91	Asymmetric Synthesis of Ring Functionalized trans-2,6-Disubstituted Piperidines from N-Sulfinyl β -Amino β -Keto Phosphonates. Total Synthesis of (â€ˆ)-Myrtine. Journal of Organic Chemistry, 2007, 72, 2046-2052.	1.7	51
92	Chemistry of oxaziridines. 16. A short, highly enantioselective synthesis of the AB-ring segments of .gamma.-rhodomycionone and .alpha.-citromycinone using (+)-[(8,8-dimethoxycamphoryl)sulfonyl]oxaziridine. Journal of Organic Chemistry, 1991, 56, 1143-1145.	1.7	50
93	2H-Azirine 3-Phosphonates:â€‰ A New Class of Chiral Iminodienophiles. Asymmetric Synthesis of Quaternary Piperidine Phosphonates. Organic Letters, 2002, 4, 655-658.	2.4	50
94	Chemistry of the sulfur-nitrogen bond. 14. Arenesulfenic acids from N-alkylidenearenesulfinamides (sulfinimines). Journal of the American Chemical Society, 1978, 100, 2844-2852.	6.6	49
95	Chemistry of the sulfur-nitrogen bond. X. Barriers to planar inversion in N-(4,4'-dimethylbenzophenylidene)arenesulfenamides and -selenenamides. Journal of the American Chemical Society, 1976, 98, 302-303.	6.6	48
96	An asymmetric synthesis of (+)-kjellmanianone. Tetrahedron Letters, 1981, 22, 4385-4388.	0.7	48
97	Asymmetric Synthesis of β -Amino Carbonyl Compounds with N-Sulfinyl β -Amino Weinreb Amides. Journal of Organic Chemistry, 2005, 70, 2184-2190.	1.7	48
98	Asymmetric Synthesis of syn- β -Substituted β -Amino Ketones by Using Sulfinimines and Prochiral Weinreb Amide Enolates. Organic Letters, 2007, 9, 2413-2416.	2.4	47
99	Enantioselective synthesis of (+)-kjellmanianone. Tetrahedron, 1991, 47, 173-182.	1.0	46
100	Asymmetric Synthesis of Cis-5-Substituted Pyrrolidine 2-Phosphonates Using Metal Carbenoid NH Insertion and β -Amino β -Ketophosphonates. Organic Letters, 2004, 6, 4523-4525.	2.4	46
101	Asymmetric Synthesis of anti- and syn-2,3-Diamino Esters Using Sulfinimines. Water and Concentration Effects. Organic Letters, 2007, 9, 833-836.	2.4	46
102	Synthesis of polysubstituted pyrroles from sulfinimines (N-sulfinyl imines). Tetrahedron, 2008, 64, 4174-4182.	1.0	46
103	2-Arylsulphonyl-3-phenyloxaziridines: a new class of stable oxaziridine derivatives. Journal of the Chemical Society Chemical Communications, 1977, , 25.	2.0	45
104	Asymmetric Synthesis of the Four Stereoisomers of 4-Hydroxypipelicolic Acid. Synthesis, 2000, 2000, 2106-2112.	1.2	45
105	Asymmetric synthesis of β -hydroxy carboxylic acids: direct oxidation of chiral amide enolates using 2-sulfonyloxaziridines. Tetrahedron Letters, 1985, 26, 3539-3542.	0.7	44
106	Sulfinimine-Mediated Asymmetric Synthesis of (R)-(4-Methoxy-3,5-dihydroxyphenyl)glycine:â€‰ The Central Amino Acid of Vancomycin and Related Agents. Journal of Organic Chemistry, 1998, 63, 1981-1985.	1.7	44
107	Asymmetric epoxidation of nonfunctionalized alkenes with high enantioselectivity using chiral sulfamylloxaziridines. Tetrahedron Letters, 1986, 27, 5079-5082.	0.7	43
108	Aziridine 2-carboxylate ester mediated asymmetric synthesis of β -alkyl β -amino acids. Tetrahedron Letters, 1997, 38, 5139-5142.	0.7	43

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109	Synthesis of secondary and tertiary carbinamines from N-alkylidenearenesulfenamides and alkyl- and aryllithium reagents. <i>Journal of Organic Chemistry</i> , 1977, 42, 398-399.	1.7	42
110	Asymmetric Synthesis of 4-Hydroxy-3-phenyltetrahydroisoquinoline Derivatives Using Enantiopure Sulfinimines (N-Sulfinyl Imines). <i>Journal of Organic Chemistry</i> , 1999, 64, 8627-8634.	1.7	42
111	SYNTHESIS OF $\hat{1}\pm$ -FLUORO ALDEHYDES AND KETONES. A REVIEW. <i>Organic Preparations and Procedures International</i> , 1999, 31, 125-143.	0.6	42
112	Asymmetric Synthesis of $\hat{1}\pm$ -Methylphosphophenylalanine Derivatives Using Sulfinimine-Derived Enantiopure Aziridine-2-phosphonates. <i>Organic Letters</i> , 1999, 1, 1053-1055.	2.4	42
113	Asymmetric Synthesis of (2S,6S)- and meso-(2S,6R)-Diaminopimelic Acids from Enantiopure Bis(sulfinimines). <i>Journal of Organic Chemistry</i> , 2000, 65, 3248-3251.	1.7	42
114	Asymmetric Synthesis of $\hat{1}\pm$ -Amino 1,3-Dithioketals from Sulfinimines (N-Sulfinyl Imines). Synthesis of (2S,3R)-(\hat{a} ⁺)-3-Hydroxy-3-methylproline. <i>Organic Letters</i> , 2004, 6, 3393-3395.	2.4	42
115	Asymmetric Synthesis of 2,4,5-Trisubstituted Piperidines from Sulfinimine-Derived $\hat{1}$ -Amino $\hat{2}$ -Ketoesters. Formal Synthesis of Pseudodistomin B Triacetate. <i>Journal of Organic Chemistry</i> , 2005, 70, 5413-5419.	1.7	41
116	Asymmetric Synthesis of <i>cis</i> - and <i>trans</i> -2,5-Disubstituted Pyrrolidines from 3-Oxo Pyrrolidine 2-Phosphonates: \hat{a} ⁺ Synthesis of (+)-Preussin and Analogs. <i>Organic Letters</i> , 2008, 10, 1433-1436.	2.4	41
117	Coupling and hydroxylation of lithium and Grignard reagents by oxaziridines. <i>Journal of the American Chemical Society</i> , 1979, 101, 1044-1045.	6.6	40
118	Chemistry of oxaziridines. 15. Asymmetric oxidations using 3-substituted 1,2-benzisothiazole 1,1-dioxide oxides. <i>Journal of Organic Chemistry</i> , 1991, 56, 809-815.	1.7	40
119	Asymmetric Synthesis of Polyhydroxy $\hat{1}\pm$ -Amino Acids with the Sulfinimine-Mediated Asymmetric Strecker Reaction: \hat{A} 2-Amino 2-Deoxyl-Xylono-1,5-lactone (Polyoxamic Acid Lactone). <i>Journal of Organic Chemistry</i> , 2002, 67, 7802-7806.	1.7	40
120	Asymmetric Synthesis of 2H-Azirine 3-Carboxylates. <i>Organic Letters</i> , 2007, 9, 1707-1710.	2.4	40
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