

# Scott J Miller

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126  
papers

13,133  
citations

61  
h-index

114  
g-index

135  
ext. papers

14,120  
ext. citations

13.2  
avg, IF

6.86  
L-index

#	Paper	IF	Citations
126	Atroposelective Desymmetrization of Resorcinol-Bearing Quinazolinones via Cu-Catalyzed C-O Bond Formation.. <i>Organic Letters</i> , <b>2022</b> , 24, 762-766	6.2	2
125	Isolating Conformers to Assess Dynamics of Peptidic Catalysts Using Computationally Designed Macrocyclic Peptides. <i>ACS Catalysis</i> , <b>2021</b> , 11, 4395-4400	13.1	4
124	Tunable and Cooperative Catalysis for Enantioselective Pictet-Spengler Reaction with Varied Nitrogen-Containing Heterocyclic Carboxaldehydes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24573-24581	16.4	4
123	Tunable and Cooperative Catalysis for Enantioselective Pictet-Spengler Reaction with Varied Nitrogen-Containing Heterocyclic Carboxaldehydes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 24778	3.6	2
122	Chirality-matched catalyst-controlled macrocyclization reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	1
121	Peptide-Catalyzed Fragment Couplings that Form Axially Chiral Non-C2-Symmetric Biaryls. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 2897-2902	3.6	1
120	Catalytic Sulfonylation of Alcohols with Activated Aryl Sulfamates. <i>Organic Letters</i> , <b>2020</b> , 22, 168-174	6.2	5
119	Peptide-Catalyzed Fragment Couplings that Form Axially Chiral Non-C2-Symmetric Biaryls. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 2875-2880	16.4	20
118	Asymmetric Catalysis Mediated by Synthetic Peptides, Version 2.0: Expansion of Scope and Mechanisms. <i>Chemical Reviews</i> , <b>2020</b> , 120, 11479-11615	68.1	43
117	Catalytic Dynamic Kinetic Resolutions in Tandem to Construct Two-Axis Terphenyl Atropisomers. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16461-16470	16.4	25
116	Terahertz Spectroscopy of Tetrameric Peptides. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 2624-2628	8.4	28
115	Disparate Catalytic Scaffolds for Atroposelective Cyclodehydration. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 6698-6705	16.4	72
114	Structure and Reactivity of Highly Twisted N-Acylimidazoles. <i>Organic Letters</i> , <b>2019</b> , 21, 2346-2351	6.2	4
113	Troponoid Atropisomerism: Studies on the Configurational Stability of Tropone-Amide Chiral Axes. <i>Organic Letters</i> , <b>2019</b> , 21, 2412-2415	6.2	6
112	Catalytic Enantioselective Pyridine $\alpha$ -Oxidation. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18624-18626	16.4	26
111	Phosphothreonine (pThr)-Based Multifunctional Peptide Catalysis for Asymmetric Baeyer-Villiger Oxidations of Cyclobutanones. <i>ACS Catalysis</i> , <b>2019</b> , 9, 242-252	13.1	21
110	Outer-Sphere Control for Divergent Multicatalysis with Common Catalytic Moieties. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 1664-1672	4.2	4

109	Peptide-Based Catalysts Reach the Outer Sphere through Remote Desymmetrization and Atroposelectivity. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 199-215	24.3	119
108	Parameterization and Analysis of Peptide-Based Catalysts for the Atroposelective Bromination of 3-Arylquinazolin-4(3H)-ones. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 868-871	16.4	38
107	Divergent Stereoselectivity in Phosphothreonine (pThr)-Catalyzed Reductive Aminations of 3-Amidocyclohexanones. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 4491-4504	4.2	10
106	Molecular Dynamics Simulations of a Conformationally Mobile Peptide-Based Catalyst for Atroposelective Bromination. <i>ACS Catalysis</i> , <b>2018</b> , 8, 9968-9979	13.1	21
105	A Bottom Up Approach Towards Artificial Oxygenases by Combining Iron Coordination Complexes and Peptides. <i>Chemical Science</i> , <b>2017</b> , 8, 3660-3667	9.4	24
104	Pursuit of Noncovalent Interactions for Strategic Site-Selective Catalysis. <i>Accounts of Chemical Research</i> , <b>2017</b> , 50, 609-615	24.3	147
103	Diversity of Secondary Structure in Catalytic Peptides with Turn-Biased Sequences. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 492-516	16.4	81
102	Desymmetrization of Diarylmethylamido Bis(phenols) through Peptide-Catalyzed Bromination: Enantiodivergence as a Consequence of a 2 amu Alteration at an Achiral Residue within the Catalyst. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 11326-11336	4.2	23
101	Enantioselective Intermolecular C-O Bond Formation in the Desymmetrization of Diarylmethines Employing a Guanidinylated Peptide-Based Catalyst. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 18107-18114	16.4	29
100	Applications of Nonenzymatic Catalysts to the Alteration of Natural Products. <i>Chemical Reviews</i> , <b>2017</b> , 117, 11894-11951	68.1	120
99	Site-Selective Reactions with Peptide-Based Catalysts. <i>Topics in Current Chemistry</i> , <b>2016</b> , 372, 157-201		38
98	Solution Structures and Molecular Associations of a Peptide-Based Catalyst for the Stereoselective Baeyer-Villiger Oxidation. <i>Organic Letters</i> , <b>2016</b> , 18, 4646-9	6.2	15
97	Bifunctional Catalysis with Lewis Base and X-H Sites That Facilitate Proton Transfer or Hydrogen Bonding (n <sup>2</sup> -π) <b>2016</b> , 1259-1288		1
96	Distal Stereocontrol Using Guanidinylated Peptides as Multifunctional Ligands: Desymmetrization of Diarylmethanes via Ullman Cross-Coupling. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 7939-45	16.4	42
95	Regioselective derivatizations of a tribrominated atropisomeric benzamide scaffold. <i>Organic Letters</i> , <b>2015</b> , 17, 580-3	6.2	14
94	Enantioselective synthesis of 3-arylquinazolin-4(3H)-ones via peptide-catalyzed atroposelective bromination. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 12369-77	16.4	144
93	Phosphothreonine as a Catalytic Residue in Peptide-Mediated Asymmetric Transfer Hydrogenations of 8-Aminoquinolines. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 11325-11328	3.6	8
92	Phosphothreonine as a catalytic residue in peptide-mediated asymmetric transfer hydrogenations of 8-aminoquinolines. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 11173-6	16.4	50

91	Structure diversification of vancomycin through peptide-catalyzed, site-selective lipidation: a catalysis-based approach to combat glycopeptide-resistant pathogens. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 2367-77	8.3	51
90	A fully synthetic and biochemically validated phosphatidyl inositol-3-phosphate hapten via asymmetric synthesis and native chemical ligation. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 412-8	16.4	9
89	Phosphine-Catalyzed Annulation Reactions of 2-Butynoate and $\beta$ -Keto Esters: Synthesis of Cyclopentene Derivatives. <i>ACS Catalysis</i> , <b>2014</b> , 4, 3671-3674	13.1	25
88	Function-Oriented Investigations of a Peptide-Based Catalyst that Mediates Enantioselective Allylic Alcohol Epoxidation. <i>Chemical Science</i> , <b>2014</b> , 5, 4504-4511	9.4	26
87	Catalyst control over regio- and enantioselectivity in Baeyer-Villiger oxidations of functionalized ketones. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 14019-22	16.4	49
86	Diastereo- and enantioselective addition of anilide-functionalized allenolates to N-acylimines catalyzed by a pyridylalanine-based peptide. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 3285-92	16.4	94
85	Experimental lineage and functional analysis of a remotely directed peptide epoxidation catalyst. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 5301-8	16.4	37
84	Peptide-catalyzed conversion of racemic oxazol-5(4H)-ones into enantiomerically enriched $\beta$ -amino acid derivatives. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 1542-54	4.2	52
83	Asymmetric catalysis at a distance: catalytic, site-selective phosphorylation of teicoplanin. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 12414-21	16.4	80
82	Enantioselective synthesis of atropisomeric benzamides through peptide-catalyzed bromination. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 2963-6	16.4	121
81	Polymer-supported enantioselective bifunctional catalysts for nitro-Michael addition of ketones and aldehydes. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 2290-6	4.8	38
80	Site-selective bromination of vancomycin. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 6120-3	16.4	85
79	Determination of noncovalent docking by infrared spectroscopy of cold gas-phase complexes. <i>Science</i> , <b>2012</b> , 335, 694-8	33.3	116
78	Combinatorial evolution of site- and enantioselective catalysts for polyene epoxidation. <i>Nature Chemistry</i> , <b>2012</b> , 4, 990-5	17.6	119
77	A peptide-embedded trifluoromethyl ketone catalyst for enantioselective epoxidation. <i>Organic Letters</i> , <b>2012</b> , 14, 1138-41	6.2	36
76	Catalytic site-selective thiocarbonylations and deoxygenations of vancomycin reveal hydroxyl-dependent conformational effects. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 9755-61	16.4	77
75	One-bead-one-catalyst approach to aspartic acid-based oxidation catalyst discovery. <i>ACS Combinatorial Science</i> , <b>2011</b> , 13, 321-6	3.9	34
74	Synthesis of Atropisomerically Defined, Highly Substituted Biaryl Scaffolds through Catalytic Enantioselective Bromination and Regioselective Cross-Coupling. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 5231-35	3.6	17

73	Synthesis of atropisomerically defined, highly substituted biaryl scaffolds through catalytic enantioselective bromination and regioselective cross-coupling. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 5125-9	16.4	55
72	Vibrational characterization of simple peptides using cryogenic infrared photodissociation of H <sub>2</sub> -tagged, mass-selected ions. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6440-8	16.4	119
71	Chemoenzymatic synthesis of each enantiomer of orthogonally protected 4,4-difluoroglutamic acid: a candidate monomer for chiral Brønsted acid peptide-based catalysts. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 9785-91	4.2	7
70	Divergent Reactivity in Amine- and Phosphine-Catalyzed C–C Bond-Forming Reactions of Allenates with 2,2,2-Trifluoroacetophenones. <i>ACS Catalysis</i> , <b>2011</b> , 1, 1347-1350	13.1	65
69	Chemoselective and enantioselective oxidation of indoles employing aspartyl peptide catalysts. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 9104-11	16.4	103
68	Development of a cysteine-catalyzed enantioselective Rauht-Currier reaction. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 5784-96	4.2	71
67	Dynamic kinetic resolution of biaryl atropisomers via peptide-catalyzed asymmetric bromination. <i>Science</i> , <b>2010</b> , 328, 1251-5	33.3	354
66	Enantioselective sulfonylation reactions mediated by a tetrapeptide catalyst. <i>Nature Chemistry</i> , <b>2009</b> , 1, 630-4	17.6	113
65	The Rauht-Currier reaction: a history and its synthetic application. <i>Tetrahedron</i> , <b>2009</b> , 65, 4069-4084	2.4	279
64	Pyridylalanine (pa)-peptide catalyzed enantioselective allenolate additions to N-acyl imines. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6105-7	16.4	119
63	An approach to the site-selective diversification of apoptolidin A with peptide-based catalysts. <i>Journal of Natural Products</i> , <b>2009</b> , 72, 1864-9	4.9	61
62	Enantioselective catalysis and complexity generation from allenates. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 3102-16	58.5	518
61	A nonenzymatic acid/peracid catalytic cycle for the Baeyer-Villiger oxidation. <i>Organic Letters</i> , <b>2008</b> , 10, 3049-52	6.2	57
60	Site-selective catalysis of phenyl thionofornate transfer as a tool for regioselective deoxygenation of polyols. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 1774-82	4.2	60
59	A case of remote asymmetric induction in the peptide-catalyzed desymmetrization of a bis(phenol). <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 16358-65	16.4	86
58	Aspartate-catalyzed asymmetric epoxidation reactions. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 8710-1	16.4	134
57	Asymmetric catalysis mediated by synthetic peptides. <i>Chemical Reviews</i> , <b>2007</b> , 107, 5759-812	68.1	541
56	Asymmetric Michael addition of $\beta$ -nitro-ketones using catalytic peptides. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 1993-1997	2	51

55	Enantioselective [3+2]-cycloadditions catalyzed by a protected, multifunctional phosphine-containing alpha-amino acid. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 10988-9	16.4	325
54	Studies of folded peptide-based catalysts for asymmetric organic synthesis. <i>Biopolymers</i> , <b>2006</b> , 84, 38-47.	2.2	60
53	Site-selective derivatization and remodeling of erythromycin A by using simple peptide-based chiral catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 5616-9	16.4	184
52	Site-Selective Derivatization and Remodeling of Erythromycin A by Using Simple Peptide-Based Chiral Catalysts. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 5744-5747	3.6	49
51	Unified total syntheses of the inositol polyphosphates: D-I-3,5,6P3, D-I-3,4,5P3, D-I-3,4,6P3, and D-I-3,4,5,6P4 via catalytic enantioselective and site-selective phosphorylation. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6923-31	4.2	42
50	Remote desymmetrization at near-nanometer group separation catalyzed by a miniaturized enzyme mimic. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 16454-5	16.4	76
49	Streamlined synthesis of phosphatidylinositol (PI), PI3P, PI3,5P2, and deoxygenated analogues as potential biological probes. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 4919-28	4.2	45
48	Dihedral angle restriction within a peptide-based tertiary alcohol kinetic resolution catalyst. <i>Tetrahedron</i> , <b>2006</b> , 62, 5254-5261	2.4	45
47	Amino acid-peptide-catalyzed enantioselective Morita-Baylis-Hillman reactions. <i>Tetrahedron</i> , <b>2006</b> , 62, 11450-11459	2.4	57
46	Thiazolylalanine-derived catalysts for enantioselective intermolecular aldehyde-imine cross-couplings. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 1654-5	16.4	157
45	A peptide-catalyzed asymmetric Stetter reaction. <i>Chemical Communications</i> , <b>2005</b> , 195-7	5.8	110
44	Desymmetrization of glycerol derivatives with peptide-based acylation catalysts. <i>Organic Letters</i> , <b>2005</b> , 7, 3021-3	6.2	88
43	Dual catalyst control in the enantioselective intramolecular Morita-Baylis-Hillman reaction. <i>Organic Letters</i> , <b>2005</b> , 7, 3849-51	6.2	121
42	Enantioselective Synthesis of $\beta$ -Amino Acids via Conjugate Addition to $\alpha,\beta$ -Unsaturated Carbonyl Compounds <b>2005</b> , 351-376		0
41	Diversity-generation from an allenolate-ketone coupling: syntheses of azepines and pyrimidones from common precursors. <i>Tetrahedron</i> , <b>2005</b> , 61, 6309-6314	2.4	28
40	Synthesis of aziridinomitosenes through base-catalyzed conjugate addition. <i>Tetrahedron</i> , <b>2004</b> , 60, 7367-7374	2.3	23
39	Asymmetric syntheses of phosphatidylinositol-3-phosphates with saturated and unsaturated side chains through catalytic asymmetric phosphorylation. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 13182-3	16.4	56
38	Chemistry and biology of deoxy-myo-inositol phosphates: stereospecificity of substrate interactions within an archaeal and a bacterial IMPase. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 15370-1	16.4	44

37	In search of peptide-based catalysts for asymmetric organic synthesis. <i>Accounts of Chemical Research</i> , <b>2004</b> , 37, 601-10	24.3	362
36	Structure-selectivity relationships and structure for a peptide-based enantioselective acylation catalyst. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 6967-71	16.4	71
35	Catalytic enantioselective synthesis of sulfinate esters through the dynamic resolution of tert-butanesulfinyl chloride. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 8134-5	16.4	87
34	A peptide-based catalyst approach to regioselective functionalization of carbohydrates. <i>Tetrahedron</i> , <b>2003</b> , 59, 8869-8875	2.4	133
33	Nucleophilic chiral amines as catalysts in asymmetric synthesis. <i>Chemical Reviews</i> , <b>2003</b> , 103, 2985-3012	68.1	424
32	Enantioselective synthesis of an aziridinomitose and selective functionalizations of a key intermediate. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 2728-34	4.2	37
31	Nonenzymatic peptide-based catalytic asymmetric phosphorylation of inositol derivatives. <i>Chemical Communications</i> , <b>2003</b> , 1781-5	5.8	69
30	Amine-catalyzed coupling of allenic esters to alpha,beta-unsaturated carbonyls. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 12394-5	16.4	101
29	Dual catalyst control in the amino acid-peptide-catalyzed enantioselective Baylis-Hillman reaction. <i>Organic Letters</i> , <b>2003</b> , 5, 3741-3	6.2	158
28	Proton-activated fluorescence as a tool for simultaneous screening of combinatorial chemical reactions. <i>Current Opinion in Chemical Biology</i> , <b>2002</b> , 6, 333-8	9.7	35
27	Amino acids and peptides as asymmetric organocatalysts. <i>Tetrahedron</i> , <b>2002</b> , 58, 2481-2495	2.4	552
26	Enantiodivergence in small-molecule catalysis of asymmetric phosphorylation: concise total syntheses of the enantiomeric D-myo-inositol-1-phosphate and D-myo-inositol-3-phosphate. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 11653-6	16.4	141
25	Asymmetric azidation-cycloaddition with open-chain peptide-based catalysts. A sequential enantioselective route to triazoles. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 2134-6	16.4	180
24	Incorporation of Peptide Isosteres into Enantioselective Peptide-Based Catalysts as Mechanistic Probes. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 2906-2909	3.6	24
23	Incorporation of Peptide Isosteres into Enantioselective Peptide-Based Catalysts as Mechanistic Probes. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 2824-2827	16.4	91
22	Discovery of a catalytic asymmetric phosphorylation through selection of a minimal kinase mimic: a concise total synthesis of D-myo-inositol-1-phosphate. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 10125-6	16.4	171
21	Selection of enantioselective acyl transfer catalysts from a pooled peptide library through a fluorescence-based activity assay: an approach to kinetic resolution of secondary alcohols of broad structural scope. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 6496-502	16.4	232
20	Enantioselective synthesis of a mitose core assisted by diversity-based catalyst discovery. <i>Organic Letters</i> , <b>2001</b> , 3, 2879-82	6.2	34



19	Fluorescence-based screening of asymmetric acylation catalysts through parallel enantiomer analysis. Identification of a catalyst for tertiary alcohol resolution. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 5522-7	4.2	123
18	Asymmetric Acylation Reactions Catalyzed by Conformationally Biased Octapeptides. <i>Tetrahedron</i> , <b>2000</b> , 56, 9773-9779	2.4	30
17	A Polymeric and Fluorescent Gel for Combinatorial Screening of Catalysts. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 11270-11271	16.4	67
16	A His-Pro-Aib peptide that exhibits an Asx-Pro-turn-like structure. <i>Organic Letters</i> , <b>2000</b> , 2, 1247-9	6.2	30
15	Amine-catalyzed addition of azide ion to alpha,beta-unsaturated carbonyl compounds. <i>Organic Letters</i> , <b>1999</b> , 1, 1107-9	6.2	77
14	Bis(oxazoline) and Bis(oxazoliny)pyridine Copper Complexes as Enantioselective Diels-Alder Catalysts: Reaction Scope and Synthetic Applications. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 7582-7594	16.4	215
13	Chiral Bis(oxazoline)copper(II) Complexes as Lewis Acid Catalysts for the Enantioselective Diels-Alder Reaction. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 7559-7573	16.4	302
12	A Chemosensor-Based Approach to Catalyst Discovery in Solution and on Solid Support. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 4306-4307	16.4	176
11	A Biomimetic Approach to Asymmetric Acyl Transfer Catalysis. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 11638-11643	16.4	186
10	Template-promoted dimerization of C-allylglycine: A convenient synthesis of (S,S)-2,7-diaminosuberic acid. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 1689-1690	2	34
9	Minimal Acylase-Like Peptides. Conformational Control of Absolute Stereospecificity. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 6784-6785	4.2	122
8	Kinetic Resolution of Alcohols Catalyzed by Tripeptides Containing the N-Alkylimidazole Substructure. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 1629-1630	16.4	194
7	Application of Ring-Closing Metathesis to the Synthesis of Rigidified Amino Acids and Peptides. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 9606-9614	16.4	391
6	Catalytic Ring-Closing Metathesis of Dienes: Application to the Synthesis of Eight-Membered Rings. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 2108-2109	16.4	229
5	Ring-Closing Metathesis and Related Processes in Organic Synthesis. <i>Accounts of Chemical Research</i> , <b>1995</b> , 28, 446-452	24.3	903
4	C2-Symmetrische, kationische Kupfer(II)-Komplexe als chirale Lewis-Säuren [Einfluß des Gegenions bei enantioselektiven Diels-Alder-Reaktionen. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 864-867	3.6	44
3	C2-Symmetric Cationic Copper(II) Complexes as Chiral Lewis Acids: Counterion Effects in the Enantioselective Diels-Alder Reaction. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 798-800		257
2	Bis(oxazoline)copper(II) complexes as chiral catalysts for the enantioselective Diels-Alder reaction. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 6460-6461	16.4	215



- 1 Bis(imine)-copper(II) complexes as chiral lewis acid catalysts for the Diels-Alder reaction.  
*Tetrahedron Letters*, **1993**, 34, 7027-7030

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