Stephen F Martin

List of Publications by Year
in descending order

270	15,239	18436 62	29081 104
papers	citations	h-index	g-index

310	310	310	8921
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concise stereoselective and stereodivergent syntheses of (Â±)-melicolones A and B. Tetrahedron, 2022, 103, 132551.	1.0	0
2	Design, Synthesis and Evaluation of Novel Carbazoleâ€Derived Photocages. Chemistry - A European Journal, 2022, 28, e202200311.	1.7	3
3	Preparation of novel analogs of 2-arylpiperidines and evaluation of their sigma receptor binding affinities. European Journal of Medicinal Chemistry, 2022, 235, 114310.	2.6	3
4	Biomimetically Inspired, One-Step Synthesis of Exotine A and Exotine B. Journal of Organic Chemistry, 2021, 86, 10946-10953.	1.7	3
5	The Sigma-2 receptor / transmembrane protein 97 (Ïƒ2R/TMEM97) modulator JVW-1034 reduces heavy alcohol drinking and associated pain states in male mice. Neuropharmacology, 2021, 184, 108409.	2.0	27
6	Novel substituted triazolo benzodiazepine scaffolds to explore chemical space. Tetrahedron Letters, 2021, 66, 152828.	0.7	6
7	Tandem vinylogous Mannich and hetero Diels-Alder reactions: Concise total synthesis of (Â±)-Alstoscholarisine E. Tetrahedron, 2021, 89, 132150.	1.0	1
8	Stereoselective Total Synthesis of (Â±)-Alstoscholarisine E. Organic Letters, 2020, 22, 786-790.	2.4	13
9	Total Syntheses of (Â±)-Melicolones A and B. Organic Letters, 2020, 22, 9071-9074.	2.4	11
10	Some thermodynamic effects of varying nonpolar surfaces in protein-ligand interactions. European Journal of Medicinal Chemistry, 2020, 208, 112771.	2.6	6
11	Design, synthesis, and evaluation of novel anti-trypanosomal compounds. Tetrahedron, 2020, 76, 131086.	1.0	12
12	Facile entry to substituted 2-arylpiperidines via an aza-Sakurai reaction. Tetrahedron Letters, 2020, 61, 151777.	0.7	4
13	Structure-thermodynamics-relationships of hepatitis C viral NS3 protease inhibitors. European Journal of Medicinal Chemistry, 2020, 192, 112195.	2.6	4
14	Diversity-Oriented Synthesis of Bioactive Azaspirocycles. Tetrahedron, 2019, 75, 130637.	1.0	13
15	Neuroprotective Efficacy of a Sigma 2 Receptor/TMEM97 Modulator (DKR-1677) after Traumatic Brain Injury. ACS Chemical Neuroscience, 2019, 10, 1595-1602.	1.7	48
16	Toward the total synthesis of citreamicin Î·: Synthesis of the pentacyclic core and GAB-ring annelation model studies. Tetrahedron, 2018, 74, 4981-4993.	1.0	8
17	Synthetic Analogues of the Snail Toxin 6-Bromo-2-mercaptotryptamine Dimer (BrMT) Reveal That Lipid Bilayer Perturbation Does Not Underlie Its Modulation of Voltage-Gated Potassium Channels. Biochemistry, 2018, 57, 2733-2743.	1.2	18
18	Concise approach to the syntheses of (Â±)-gliocladin C and related diketopiperazine alkaloids. Tetrahedron, 2018, 74, 3329-3338.	1.0	8

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19	Synthesis of (+)-Disparlure via Enantioselective Iodolactonization. Organic Letters, 2018, 20, 1269-1271.	2.4	13
20	High-Content Microfluidic ScreeningÂPlatform Used To IdentifyÂÏƒ2R/Tmem97 Binding Ligands that Reduce Age-DependentÂNeurodegeneration in C. elegans SC_APP Model. ACS Chemical Neuroscience, 2018, 9, 1014-1026.	1.7	26
21	Teaching through Research: Alignment of Core Chemistry Competencies and Skills within a Multidisciplinary Research Framework. Journal of Chemical Education, 2018, 95, 248-258.	1.1	20
22	Enantioselective Synthesis of F-Ring Fragments of Kibdelone C via Desymmetrizing Bromolactonization of 1,4-Dihydrobenzoic Acid. Synlett, 2018, 29, 430-432.	1.0	6
23	Enantioselective Halolactonization Reactions using BINOL-Derived Bifunctional Catalysts: Methodology, Diversification, and Applications. Journal of Organic Chemistry, 2018, 83, 5954-5968.	1.7	24
24	Small molecule modulators of Ïƒ2R/Tmem97 reduce alcohol withdrawal-induced behaviors. Neuropsychopharmacology, 2018, 43, 1867-1875.	2.8	35
25	Investigating isoindoline, tetrahydroisoquinoline, and tetrahydrobenzazepine scaffolds for their sigma receptor binding properties. European Journal of Medicinal Chemistry, 2018, 151, 557-567.	2.6	21
26	Biomimetically Inspired Synthesis of Exotine A. Organic Letters, 2018, 20, 7875-7878.	2.4	8
27	Synthesis of the Pentacyclic Core of Citreamicin Î·. Organic Letters, 2017, 19, 790-793.	2.4	17
28	Syntheses of Gliocladin C and Related Alkaloids. Organic Letters, 2017, 19, 2254-2257.	2.4	22
29	Identification of the gene that codes for the Ïƒ ₂ receptor. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7160-7165.	3.3	224
30	Norbenzomorphan Scaffold: Chemical Tool for Modulating Sigma Receptor-Subtype Selectivity. ACS Medicinal Chemistry Letters, 2017, 8, 455-460.	1.3	29
31	Differentially Substituted Phosphines via Decarbonylation of Acylphosphines. Organic Letters, 2017, 19, 1808-1811.	2.4	53
32	Small molecule modulator of sigma 2 receptor is neuroprotective and reduces cognitive deficits and neuroinflammation in experimental models of Alzheimer's disease. Journal of Neurochemistry, 2017, 140, 561-575.	2.1	93
33	Natural Products and Their Mimics as Targets of Opportunity for Discovery. Journal of Organic Chemistry, 2017, 82, 10757-10794.	1.7	18
34	Sigma 2 Receptor/Tmem97 Agonists Produce Long Lasting Antineuropathic Pain Effects in Mice. ACS Chemical Neuroscience, 2017, 8, 1801-1811.	1.7	86
35	Norbenzomorphan Framework as a Novel Scaffold for Generating Sigmaâ€…2 Receptor/PGRMC1 Subtypeâ€Selective Ligands. ChemMedChem, 2016, 11, 556-561.	1.6	23
36	Total synthesis of the aglycone of IB-00208. Tetrahedron, 2015, 71, 5741-5757.	1.0	22

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37	4-(Phenylazo)diphenylamine (PDA): a universal indicator for the colorimetric titration of strong bases, Lewis acids, and hydride reducing agents. Tetrahedron Letters, 2015, 56, 3674-3678.	0.7	8
38	Diastereoselective addition of monoorganocuprates to a chiral fumarate: reaction development and synthesis of (â^')-dihydroprotolichesterinic acid. Tetrahedron, 2015, 71, 6361-6368.	1.0	5
39	Applications of ring closing metathesis. Total synthesis ofÂ(Â±)-pseudotabersonine. Tetrahedron, 2015, 71, 7323-7331.	1.0	16
40	Approaches to Polycyclic 1,4-Dioxygenated Xanthones. Application to Total Synthesis of the Aglycone of IB-00208. Organic Letters, 2015, 17, 114-117.	2.4	18
41	Concise total synthesis of (Â±)-actinophyllic acid. Tetrahedron, 2014, 70, 4094-4104.	1.0	26
42	Evolution of a strategy for preparing bioactive small molecules by sequential multicomponent assembly processes, cyclizations, and diversification. Organic and Biomolecular Chemistry, 2014, 12, 7659-7672.	1.5	42
43	Multicomponent, Mannich-type assembly process for generating novel, biologically-active 2-arylpiperidines and derivatives. Tetrahedron, 2014, 70, 7142-7157.	1.0	16
44	Enantioselective Total Syntheses of Citrinadins A and B. Stereochemical Revision of Their Assigned Structures. Journal of the American Chemical Society, 2014, 136, 14184-14192.	6.6	65
45	Proteinâ€“ligand interactions: Probing the energetics of a putative cationâ€“Ï€ interaction. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3164-3167.	1.0	15
46	Enantioselective Total Synthesis of (â^')-Citrinadin A and Revision of Its Stereochemical Structure. Journal of the American Chemical Society, 2013, 135, 10886-10889.	6.6	87
47	Synthesis of (Â±)-Actinophyllic Acid and Analogs: Applications of Cascade Reactions and Diverted Total Synthesis. Journal of the American Chemical Society, 2013, 135, 12984-12986.	6.6	64
48	Strategies for the Synthesis of Alkaloids and Novel Nitrogen Heterocycles. Advances in Heterocyclic Chemistry, 2013, , 73-117.	0.9	15
49	Asymmetric formal total synthesis of the stemofoline alkaloids: the evolution, development, and application of a catalytic dipolar cycloaddition cascade. Tetrahedron, 2013, 69, 7592-7607.	1.0	19
50	Studies toward welwitindolinones: formal syntheses of N-methylwelwitindolinone C isothiocyanate and related naturalÂproducts. Tetrahedron, 2013, 69, 5588-5603.	1.0	31
51	Correlating Structure and Energetics in Protein-Ligand Interactions: Paradigms and Paradoxes. Annual Review of Biochemistry, 2013, 82, 267-293.	5.0	64
52	Proteinâ€“Ligand Interactions: Thermodynamic Effects Associated with Increasing the Length of an Alkyl Chain. ACS Medicinal Chemistry Letters, 2013, 4, 1048-1053.	1.3	9
53	Multicomponent Assembly Processes for the Synthesis of Diverse Yohimbine and Corynanthe Alkaloid Analogues. ACS Combinatorial Science, 2013, 15, 379-386.	3.8	25
54	Applications of Multicomponent Assembly Processes to the Facile Syntheses of Diversely Functionalized Nitrogen Heterocycles. Heterocycles, 2012, 84, 1089.	0.4	13

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55	Formal Syntheses of Naturally Occurring Welwitindolinones. Organic Letters, 2012, 14, 3834-3837.	2.4	49
56	Enantioselective Iodolactonization of Disubstituted Olefinic Acids Using a Bifunctional Catalyst. Organic Letters, 2012, 14, 6290-6293.	2.4	68
57	Libraries of 2,3,4,6,7,11b-Hexahydro-1H-pyrido[2,1-a]isoquinolin-2-amine Derivatives via a Multicomponent Assembly Process/1,3-Dipolar Cycloaddition Strategy. ACS Combinatorial Science, 2012, 14, 75-79.	3.8	23
58	Probing the Effect of Conformational Constraint on Phosphorylated Ligand Binding to an SH2 Domain Using Polarizable Force Field Simulations. Journal of Physical Chemistry B, 2012, 116, 1716-1727.	1.2	42
59	Concise approach to 1,4-dioxygenated xanthones via novel application of the Moore rearrangement. Tetrahedron, 2012, 68, 7591-7597.	1.0	11
60	Expedient Synthesis of Norbenzomorphan Library via Multicomponent Assembly Process Coupled with Ring-Closing Reactions. ACS Combinatorial Science, 2012, 14, 496-502.	3.8	30
61	Enantioselective Formal Total Syntheses of Didehydrostemofoline and Isodidehydrostemofoline through a Catalytic Dipolar Cycloaddition Cascade. Angewandte Chemie - International Edition, 2012, 51, 10596-10599.	7.2	39
62	Bifunctional Catalyst Promotes Highly Enantioselective Bromolactonizations To Generate Stereogenic Câ€“Br Bonds. Journal of the American Chemical Society, 2012, 134, 11128-11131.	6.6	164
63	Application of a Sequential Multicomponent Assembly Process/Huisgen Cycloaddition Strategy to the Preparation of Libraries of 1,2,3-Triazole-Fused 1,4-Benzodiazepines. ACS Combinatorial Science, 2012, 14, 135-143.	3.8	56
64	Diversity oriented synthesis: concise entry to novel derivatives of Yohimbine and Corynanthe alkaloids. Tetrahedron Letters, 2012, 53, 477-479.	0.7	15
65	Multicomponent Assembly Strategies for the Synthesis of Diverse Tetrahydroisoquinoline Scaffolds. Organic Letters, 2011, 13, 4542-4545.	2.4	54
66	General and Expedient Synthesis of 1,4-Dioxygenated Xanthones. Organic Letters, 2011, 13, 4696-4699.	2.4	18
67	Proteinâ€“Ligand Interactions: Thermodynamic Effects Associated with Increasing Nonpolar Surface Area. Journal of the American Chemical Society, 2011, 133, 18518-18521.	6.6	38
68	Multicomponent Assembly and Diversification of Novel Heterocyclic Scaffolds Derived from 2-Arylpiperidines. Organic Letters, 2011, 13, 3102-3105.	2.4	34
69	Tandem electrocyclic ring opening/radical cyclization: application to the total synthesis of cribrostatin 6. Tetrahedron, 2011, 67, 9765-9770.	1.0	17
70	Facile syntheses of substituted, conformationally-constrained benzoxazocines and benzazocines via sequential multicomponent assembly and cyclization. Tetrahedron Letters, 2011, 52, 6855-6858.	0.7	33
71	Novel Approach to the Lundurine Alkaloids: Synthesis of the Tetracyclic Core. Organic Letters, 2011, 13, 5104-5107.	2.4	9
72	Facile and Unified Approach to Skeletally Diverse, Privileged Scaffolds. Organic Letters, 2011, 13, 2590-2593.	2.4	36

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73	Synthesis and Diversification of 1,2,3-Triazole-Fused 1,4-Benzodiazepine Scaffolds. Organic Letters, 2011, 13, 852-855.	2.4	96
74	Studies toward the syntheses of pluramycin natural products. The first total synthesis of isokidamycin. Tetrahedron, 2011, 67, 6524-6538.	1.0	37
75	Facile access to sterically hindered aryl ketones via carbonylative cross-coupling: application to the total synthesis of luteolin. Tetrahedron, 2011, 67, 4344-4351.	1.0	42
76	Novel entry to the tricyclic core of stemofoline and didehydrostemofoline. Tetrahedron Letters, 2011, 52, 2048-2050.	0.7	19
77	Toward a total synthesis of the stemofoline alkaloids: advancement of a 1,3-dipolar cycloaddition strategy. Tetrahedron Letters, 2011, 52, 4076-4079.	0.7	20
78	Binding of flexible and constrained ligands to the Grb2 SH2 domain: structural effects of ligand preorganization. Acta Crystallographica Section D: Biological Crystallography, 2010, 66, 1101-1115.	2.5	7
79	Enantioselective Synthesis of (+)-Isolysergol via Ring-Closing Metathesis. Organic Letters, 2010, 12, 2610-2613.	2.4	56
80	Concise Total Synthesis of (Â±)-Pseudotabersonine via Double Ring-Closing Metathesis Strategy. Organic Letters, 2010, 12, 3622-3625.	2.4	43
81	Total Synthesis of Isokidamycin. Journal of the American Chemical Society, 2010, 132, 15528-15530.	6.6	65
82	Approach Toward the Total Synthesis of 5-Hydroxyaloin A. Organic Letters, 2010, 12, 5632-5635.	2.4	21
83	Constraining Binding Hot Spots: NMR and Molecular Dynamics Simulations Provide a Structural Explanation for Enthalpyâ^'Entropy Compensation in SH2â^'Ligand Binding. Journal of the American Chemical Society, 2010, 132, 11058-11070.	6.6	42
84	Thermodynamic and Structural Effects of Macrocyclic Constraints in Proteinâ^'Ligand Interactions. ACS Medicinal Chemistry Letters, 2010, 1, 448-452.	1.3	75
85	Approaches toN-Methylwelwitindolinone C Isothiocyanate: Facile Synthesis of the Tetracyclic Core. Organic Letters, 2010, 12, 2492-2495.	2.4	43
86	Recent applications of imines as key intermediates in the synthesis of alkaloids and novel nitrogen heterocycles. Pure and Applied Chemistry, 2009, 81, 195-204.	0.9	129
87	Applications of Multicomponent Reactions to the Synthesis of Diverse Heterocyclic Scaffolds. Chemistry - A European Journal, 2009, 15, 1300-1308.	1.7	665
88	Total Synthesis of Cribrostatinâ€…6. Angewandte Chemie - International Edition, 2009, 48, 2569-2571.	7.2	58
89	Synthesis of Î²-heteroaryl propionates via trapping of carbocations with Ï€-nucleophiles. Tetrahedron Letters, 2009, 50, 3253-3257.	0.7	55
90	Iminium ion cascade reactions: stereoselective synthesis of quinolizidines and indolizidines. Tetrahedron, 2009, 65, 3222-3231.	1.0	53

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91	Synthesis of diverse heterocyclic scaffolds via tandem additions to imine derivatives and ring-forming reactions. Tetrahedron, 2009, 65, 6454-6469.	1.0	79
92	Thermodynamic and Structural Effects of Conformational Constraints in Proteinâ^'Ligand Interactions. Entropic Paradoxy Associated with Ligand Preorganization. Journal of the American Chemical Society, 2009, 131, 16758-16770.	6.6	120
93	Applications of the Ugi reaction with ketones. Tetrahedron Letters, 2008, 49, 4501-4504.	0.7	28
94	The Pausonâ€"Khand reaction as a new entry to the synthesis of bridged bicyclic heterocycles: application to the enantioselective totalÂsynthesis of (â^')-alstonerine. Tetrahedron, 2008, 64, 6884-6900.	1.0	40
95	Carbonylative Cross-Coupling of ortho-Disubstituted Aryl Iodides. Convenient Synthesis of Sterically Hindered Aryl Ketones. Organic Letters, 2008, 10, 5301-5304.	2.4	99
96	Studies toward the Enantioselective Syntheses of Oxylipins:â€‰ Total Synthesis and Structure Revision of Solandelactone E. Journal of Organic Chemistry, 2008, 73, 391-402.	1.7	35
97	Preorganization in biological systems: Are conformational constraints worth the energy?. Pure and Applied Chemistry, 2007, 79, 193-200.	0.9	34
98	Structural studies examining the substrate specificity profiles of PC-PLCBc protein variants. Archives of Biochemistry and Biophysics, 2007, 460, 41-47.	1.4	27
99	Structural and energetic aspects of Grb2-SH2 domain-swapping. Archives of Biochemistry and Biophysics, 2007, 462, 47-53.	1.4	36
100	Concise, Stereoselective Approach to the Spirooxindole Ring System of Citrinadin A. Organic Letters, 2007, 9, 4623-4626.	2.4	69
101	Toward the Total Synthesis of FR901483:â€‰ Concise Synthesis of the Azatricyclic Skeleton. Journal of Organic Chemistry, 2007, 72, 5342-5349.	1.7	37
102	Features and Applications of [Rh(CO)₂Cl]₂-Catalyzed Alkylations of Unsymmetrical Allylic Substrates. Journal of Organic Chemistry, 2007, 72, 9018-9031.	1.7	41
103	Enantioselective Synthesis and Structure Revision of Solandelactone E. Journal of the American Chemical Society, 2007, 129, 510-511.	6.6	43
104	Concise, Enantioselective Total Synthesis of (â^')-Alstonerine. Organic Letters, 2007, 9, 1113-1116.	2.4	53
105	Total synthesis of erythromycin B. Tetrahedron, 2007, 63, 5709-5729.	1.0	38
106	Tandem intramolecular benzyneâ€"furan cycloadditions. Total synthesis of vineomycinone B2 methyl ester. Tetrahedron, 2007, 63, 8619-8635.	1.0	28
107	Applications of Multicomponent Reactions for the Synthesis of Diverse Heterocyclic Scaffolds. Organic Letters, 2007, 9, 4223-4226.	2.4	171
108	General Strategy for the Syntheses of Corynanthe, Tacaman, and Oxindole Alkaloids. Journal of Organic Chemistry, 2006, 71, 6547-6561.	1.7	102

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109	Synthesis and Properties of Cyclopropane-Derived Peptidomimetics. Accounts of Chemical Research, 2006, 39, 433-442.	7.6	207
110	Pd-Catalyzed Ring Opening of Oxa- and Azabicyclic Alkenes with Aryl and Vinyl Halides:Â Efficient Entry to 2-Substituted 1,2-Dihydro-1-naphthols and 2-Substituted 1-Naphthols. Journal of Organic Chemistry, 2006, 71, 4810-4817.	1.7	64
111	C-Aryl Glycosides via Tandem Intramolecular Benzyneâ˜Furan Cycloadditions. Total Synthesis of Vineomycinone B2Methyl Ester. Journal of the American Chemical Society, 2006, 128, 13696-13697.	6.6	81
112	Domino intramolecular enyne metathesis/cross metathesis approach to the xanthanolides. Enantioselective synthesis of (+)-8-epi-xanthatin. Tetrahedron, 2006, 62, 11437-11449.	1.0	52
113	Enantioselective syntheses of tremulenediol A and tremulenolide A. Tetrahedron, 2006, 62, 10497-10506.	1.0	36
114	Synthetic studies toward the immunosuppressant FR901483. Facile construction of the azatricyclic skeleton. Tetrahedron Letters, 2006, 47, 2933-2936.	0.7	15
115	Facile synthesis of C-aryl glycals from sugar-derived lactones. Tetrahedron Letters, 2006, 47, 3485-3488.	0.7	9
116	Ligand Preorganization May Be Accompanied by Entropic Penalties in Proteinâ€“Ligand Interactions. Angewandte Chemie - International Edition, 2006, 45, 6830-6835.	7.2	67
117	Ring-closing metathesis: A facile construct for alkaloid synthesis. Pure and Applied Chemistry, 2005, 77, 1207-1212.	0.9	23
118	Altering protein specificity: techniques and applications. Bioorganic and Medicinal Chemistry, 2005, 13, 2701-2716.	1.4	69
119	Altering Protein Specificity: Techniques and Applications.. ChemInform, 2005, 36, no.	0.1	0
120	Ring-Closing Metathesis as a Construct for the Synthesis of Polycyclic Alkaloids. Current Organic Chemistry, 2005, 9, 1535-1549.	0.9	29
121	Application of a Domino Intramolecular Enyne Metathesis/Cross Metathesis Reaction to the Total Synthesis of (+)-8-epi-Xanthatin. Organic Letters, 2005, 7, 4621-4623.	2.4	86
122	[Rh(CO)2Cl]2-Catalyzed Domino Reactions Involving Allylic Substitution and Subsequent Carbocyclization Reactions. Organic Letters, 2005, 7, 1661-1663.	2.4	45
123	Enantioselective Syntheses of Tremulenediol A and Tremulenolide A. Organic Letters, 2005, 7, 4535-4537.	2.4	63
124	Formal Syntheses of (Â±)-Pinnaic Acid and (Â±)-Halichlorine. Organic Letters, 2005, 7, 5733-5735.	2.4	52
125	Cascade Iminium Ion Reactions for the Facile Synthesis of Quinolizidines. Concise Syntheses of (Â±)-Epilupinine and (â˜)-Epimyrtine. Organic Letters, 2005, 7, 2031-2033.	2.4	46
126	Facile Synthesis of 2-Substituted 1,2-Dihydro-1-naphthols and 2-Substituted 1-Naphthols. Organic Letters, 2004, 6, 3581-3584.	2.4	39

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127	Synthesis of Oxygen- and Nitrogen-Containing Heterocycles by Ring-Closing Metathesis. Chemical Reviews, 2004, 104, 2199-2238.	23.0	1,275
128	Synthesis of cis-2,5-Disubstituted Pyrrolidines via Diastereoselective Reduction of N-Acyl Iminium Ions.. ChemInform, 2004, 35, no.	0.1	0
129	Synthesis of cis-2,5-disubstituted pyrrolidines via diastereoselective reduction of N-acyl iminium ions. Tetrahedron Letters, 2004, 45, 4895-4898.	0.7	35
130	Enantioselective synthesis of (+)-anatoxin-a via enyne metathesis. Tetrahedron, 2004, 60, 7301-7314.	1.0	73
131	Direct, Stereoselective Substitution in [Rh(CO)2Cl]2-Catalyzed Allylic Alkylations of Unsymmetrical Substrates. Organic Letters, 2004, 6, 1321-1324.	2.4	76
132	Application of Intramolecular Enyne Metathesis to the Synthesis of Aza[4.2.1]bicyclics:â€‰ Enantiospecific Total Synthesis of (+)-Anatoxin-a. Organic Letters, 2004, 6, 1329-1331.	2.4	86
133	An Abiotic Strategy for the Enantioselective Synthesis of Erythromycin B. Angewandte Chemie, 2003, 115, 3400-3403.	1.6	5
134	An Abiotic Strategy for the Enantioselective Synthesis of Erythromycin B. Angewandte Chemie - International Edition, 2003, 42, 3278-3281.	7.2	25
135	General entries to C-aryl glycosides. Formal synthesis of galtamycinone. Tetrahedron Letters, 2003, 44, 1075-1077.	0.7	38
136	Design and synthesis of conformationally constrained, extended and reverse turn pseudopeptides as Grb2-SH2 domain antagonists. Tetrahedron Letters, 2003, 44, 1571-1574.	0.7	23
137	Total synthesis of (+)-ambruticin S. Tetrahedron, 2003, 59, 6819-6832.	1.0	56
138	Biomimetic Entry to the Sarpagan Family of Indole Alkaloids:â€‰ Total Synthesis of (+)-Geissoschizine and (+)-N-Methylvellosimine. Journal of the American Chemical Society, 2003, 125, 4541-4550.	6.6	118
139	Concise Formal Synthesis of (â˜)-Peduncularine via Ring-Closing Metathesis. Organic Letters, 2003, 5, 3523-3525.	2.4	56
140	Regioselective Synthesis of UnsymmetricalC-Aryl Glycosides Using Silicon Tethers as Disposable Linkers. Journal of the American Chemical Society, 2003, 125, 12994-12995.	6.6	62
141	Using X-ray crystallography of the Asp55Asn mutant of the phosphatidylcholine-preferring phospholipase C from Bacillus cereus to support the mechanistic role of Asp55 as the general base. Archives of Biochemistry and Biophysics, 2003, 417, 81-86.	1.4	13
142	Design, Synthesis, and Evaluation of Water-Soluble Phospholipid Analogues as Inhibitors of Phospholipase C fromBacillus cereus. Journal of Organic Chemistry, 2003, 68, 7298-7307.	1.7	17
143	Synthesis of Bridged Azabicyclic Structures via Ring-Closing Olefin Metathesis. Journal of Organic Chemistry, 2003, 68, 8867-8878.	1.7	116
144	Altering Substrate Specificity of Phosphatidylcholine-Preferring Phospholipase C ofBacillus cereusby Random Mutagenesis of the Headgroup Binding Siteâ€. Biochemistry, 2003, 42, 1603-1610.	1.2	35

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145	Design, Synthesis, and Evaluation of Matrix Metalloprotease Inhibitors Bearing Cyclopropane-Derived Peptidomimetics as P1â€˜ and P2â€˜ Replacements. Journal of Organic Chemistry, 2002, 67, 4062-4075.	1.7	44
146	Calorimetric and Structural Studies of 1,2,3-Trisubstituted Cyclopropanes as Conformationally Constrained Peptide Inhibitors of Src SH2 Domain Binding. Journal of the American Chemical Society, 2002, 124, 205-215.	6.6	85
147	Novel Approach to the Zaragozic Acids. Enantioselective Total Synthesis of 6,7-Dideoxysqualestatin H5. Journal of Organic Chemistry, 2002, 67, 4200-4208.	1.7	41
148	Stereoselective Total Synthesis of Dihydrocorynantheol. Organic Letters, 2002, 4, 3243-3245.	2.4	50
149	Enantioselective Total Syntheses of Manzamine A and Related Alkaloids. Journal of the American Chemical Society, 2002, 124, 8584-8592.	6.6	192
150	Applications of vinylogous Mannich reactions. Total synthesis of the angiotensin converting enzyme inhibitor (â^')-A58365A. Tetrahedron, 2002, 58, 6323-6328.	1.0	31
151	A ring-closing olefin metathesis approach to bridged azabicyclic structures. Tetrahedron Letters, 2002, 43, 1779-1782.	0.7	52
152	Evolution of the Vinylogous Mannich Reaction as a Key Construction for Alkaloid Synthesis. Accounts of Chemical Research, 2002, 35, 895-904.	7.6	239
153	Total Synthesis of (+)-Ambruticin S. Journal of the American Chemical Society, 2001, 123, 12432-12433.	6.6	70
154	Biogenetically Inspired Approach to theStrychnosAlkaloids. Concise Syntheses of (Â±)-Akuammicine and (Â±)-Strychnine. Journal of the American Chemical Society, 2001, 123, 8003-8010.	6.6	144
155	ImprovedE-Selectivity in the Wittig Reaction of Stabilized Ylides with Î±-Alkoxyaldehydes and Sugar Lactols. Organic Letters, 2001, 3, 3591-3593.	2.4	67
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