Kyriacos C Nicolaou

List of Publications by Year
in descending order

733	66,730	831	2018
papers	citations	121 h-index	212 g-index

785	785	785	31729
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Total Synthesis of Gukulenin B via Sequential Tropolone Functionalizations. Journal of the American Chemical Society, 2022, 144, 5190-5196.	6.6	9
2	Design, Synthesis, and Biological Investigation of Thailanstatin A and Spliceostatin D Analogues Containing Tetrahydropyran, Tetrahydrooxazine, and Fluorinated Structural Motifs. Journal of Organic Chemistry, 2021, 86, 2499-2521.	1.7	4
3	Design, Synthesis, and Biological Evaluation of Tubulysin Analogues, Linker-Drugs, and Antibodyâ€“Drug Conjugates, Insights into Structureâ€“Activity Relationships, and Tubulysinâ€“Tubulin Binding Derived from X-ray Crystallographic Analysis. Journal of Organic Chemistry, 2021, 86, 3377-3421.	1.7	5
4	A Reverse Approach to the Total Synthesis of Halichondrin B. Journal of the American Chemical Society, 2021, 143, 9267-9276.	6.6	16
5	Uncialamycin-based antibodyâ€“drug conjugates: Unique enediyne ADCs exhibiting bystander killing effect. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	20
6	A Highly Convergent Total Synthesis of Norhalichondrin B. Journal of the American Chemical Society, 2021, , .	6.6	5
7	Synthesis and Biological Evaluation of Shishijimicin A-Type Linker-Drugs and Antibodyâ€“Drug Conjugates. Journal of the American Chemical Society, 2020, 142, 12890-12899.	6.6	11
8	Total Synthesis of the Monomeric Unit of Lomaiviticin A. Journal of the American Chemical Society, 2020, 142, 20201-20207.	6.6	18
9	Streamlined Symmetrical Total Synthesis of Disorazole B1 and Design, Synthesis, and Biological Investigation of Disorazole Analogues. Journal of the American Chemical Society, 2020, 142, 15476-15487.	6.6	14
10	Design, Synthesis, and Biological Investigation of Epothilone B Analogues Featuring Lactone, Lactam, and Carbocyclic Macrocycles, Epoxide, Aziridine, and 1,1-Difluorocyclopropane and Other Fluorine Residues. Journal of Organic Chemistry, 2020, 85, 2865-2917.	1.7	17
11	Total Synthesis and Biological Evaluation of Tiancimycins A and B, Yangpumicin A, and Related Anthraquinone-Fused Enediyne Antitumor Antibiotics. Journal of the American Chemical Society, 2020, 142, 2549-2561.	6.6	37
12	Perspectives from nearly five decades of total synthesis of natural products and their analogues for biology and medicine. Natural Product Reports, 2020, 37, 1404-1435.	5.2	45
13	The Role of Organic Synthesis in the Emergence and Development of Antibodyâ€“Drug Conjugates as Targeted Cancer Therapies. Angewandte Chemie - International Edition, 2019, 58, 11206-11241.	7.2	75
14	Die Bedeutung der organischen Synthese bei der Entstehung und Entwicklung von AntikÃ¶rperâ€Wirkstoffâ€Konjugaten als gezielte Krebstherapien. Angewandte Chemie, 2019, 131, 11326-11363.	1.6	11
15	DNA Binding and Cleavage Modes of Shishijimicin A. Journal of the American Chemical Society, 2019, 141, 7842-7852.	6.6	20
16	Short Total Synthesis of Î”¹²-Prostaglandin J₂ and Related Prostaglandins. Design, Synthesis, and Biological Evaluation of Macrocyclic Î”¹²-Prostaglandin J₂ Analogues. Journal of Organic Chemistry, 2019, 84, 365-378.	1.7	15
17	Total Synthesis in Search of Potent Antibodyâ€“Drug Conjugate Payloads. From the Fundamentals to the Translational. Accounts of Chemical Research, 2019, 52, 127-139.	7.6	34
18	Improved Total Synthesis of Tubulysins and Design, Synthesis, and Biological Evaluation of New Tubulysins with Highly Potent Cytotoxicities against Cancer Cells as Potential Payloads for Antibodyâ€“Drug Conjugates. Journal of the American Chemical Society, 2018, 140, 3690-3711.	6.6	44

#	Article	IF	Citations
19	The Emergence and Evolution of Organic Synthesis and Why It is Important to Sustain It as an Advancing Art and Science for Its Own Sake. Israel Journal of Chemistry, 2018, 58, 104-113.	1.0	33
20	A brief history of antibiotics and select advances in their synthesis. Journal of Antibiotics, 2018, 71, 153-184.	1.0	121
21	Syntheses of Cyclopropyl Analogues of Disorazoles A₁ and B₁ and Their Thiazole Counterparts. Journal of Organic Chemistry, 2018, 83, 12374-12389.	1.7	13
22	Streamlined Total Synthesis of Shishijimicin A and Its Application to the Design, Synthesis, and Biological Evaluation of Analogues thereof and Practical Syntheses of PhthNSSMe and Related Sulfenylating Reagents. Journal of the American Chemical Society, 2018, 140, 12120-12136.	6.6	36
23	Total Syntheses of Thailanstatins Aâ€“C, Spliceostatin D, and Analogues Thereof. Stereodivergent Synthesis of Tetrasubstituted Dihydro- and Tetrahydropyrans and Design, Synthesis, Biological Evaluation, and Discovery of Potent Antitumor Agents. Journal of the American Chemical Society, 2018, 140, 8303-8320.	6.6	45
24	Total Synthesis and Full Structural Assignment of Namenamicin. Journal of the American Chemical Society, 2018, 140, 8091-8095.	6.6	18
25	Asymmetric Alkylation of Anthrones, Enantioselective Total Synthesis of (â^')- and (+)-Viridicatumtoxins B and Analogues Thereof: Absolute Configuration and Potent Antibacterial Agents. Journal of the American Chemical Society, 2017, 139, 3736-3746.	6.6	32
26	12,13-Aziridinyl Epothilones. Stereoselective Synthesis of Trisubstituted Olefinic Bonds from Methyl Ketones and Heteroaromatic Phosphonates and Design, Synthesis, and Biological Evaluation of Potent Antitumor Agents. Journal of the American Chemical Society, 2017, 139, 7318-7334.	6.6	36
27	The Evolution and Impact of Total Synthesis on Chemistry, Biology and Medicine. Israel Journal of Chemistry, 2017, 57, 179-191.	1.0	5
28	Experimental Evolution of Diverse Strains as a Method for the Determination of Biochemical Mechanisms of Action for Novel Pyrrolizidinone Antibiotics. ACS Infectious Diseases, 2017, 3, 854-865.	1.8	6
29	Streamlined Total Synthesis of Trioxacarcins and Its Application to the Design, Synthesis, and Biological Evaluation of Analogues Thereof. Discovery of Simpler Designed and Potent Trioxacarcin Analogues. Journal of the American Chemical Society, 2017, 139, 15467-15478.	6.6	14
30	Enantioselective Total Synthesis of Antibiotic CJ-16,264, Synthesis and Biological Evaluation of Designed Analogues, and Discovery of Highly Potent and Simpler Antibacterial Agents. Journal of the American Chemical Society, 2017, 139, 15868-15877.	6.6	19
31	Total Syntheses of Disorazoles A₁ and B₁ and Full Structural Elucidation of Disorazole B₁. Journal of the American Chemical Society, 2017, 139, 15636-15639.	6.6	33
32	Frontispiece: Efficient Synthesis of Dimeric Oxazoles, Piperidines and Tetrahydroisoquinolines from Nâ€Substituted 2â€Oxazolones. Chemistry - A European Journal, 2016, 22, .	1.7	0
33	Efficient Synthesis of Dimeric Oxazoles, Piperidines and Tetrahydroisoquinolines from Nâ€Substituted 2â€Oxazolones. Chemistry - A European Journal, 2016, 22, 7696-7701.	1.7	11
34	Total Synthesis of Î”¹²â€Prostaglandin J₃: Evolution of Synthetic Strategies to a Streamlined Process. Chemistry - A European Journal, 2016, 22, 8559-8570.	1.7	22
35	Susceptibilities of enterovirus D68, enterovirus 71, and rhinovirus 87 strains to various antiviral compounds. Antiviral Research, 2016, 131, 61-65.	1.9	47
36	Synthesis and Biological Investigation of Î”12-Prostaglandin J3 (Î”12-PGJ3) Analogues and Related Compounds. Journal of the American Chemical Society, 2016, 138, 6550-6560.	6.6	33

#	Article	IF	Citations
37	Synthesis and Biopharmaceutical Evaluation of Imatinib Analogues Featuring Unusual Structural Motifs. ChemMedChem, 2016, 11, 31-37.	1.6	84
38	Streamlined Total Synthesis of Uncialamycin and Its Application to the Synthesis of Designed Analogues for Biological Investigations. Journal of the American Chemical Society, 2016, 138, 8235-8246.	6.6	69
39	Total Synthesis of Thailanstatin A. Journal of the American Chemical Society, 2016, 138, 7532-7535.	6.6	43
40	Total Synthesis and Biological Evaluation of Natural and Designed Tubulysins. Journal of the American Chemical Society, 2016, 138, 1698-1708.	6.6	78
41	Total Synthesis of Trioxacarcins DC-45-A1, A, D, C, and C7â€³-epi-C and Full Structural Assignment of Trioxacarcin C. Journal of the American Chemical Society, 2016, 138, 3118-3124.	6.6	39
42	Practical Synthesis of pâ€‹ and oâ€‹Aminoâ€•and Methoxyphenolic Anthraquinones. Angewandte Chemie - International Edition, 2015, 54, 12687-12691.	7.2	20
43	Synthesis and Biological Evaluation of Novel Epothiloneâ€…B Side Chain Analogues. ChemMedChem, 2015, 10, 1974-1979.	1.6	12
44	Total Synthesis of Trioxacarcin DCâ€45â€A2. Angewandte Chemie, 2015, 127, 3117-3121.	1.6	6
45	Total Synthesis and Structural Revision of Antibiotic CJâ€16,264. Angewandte Chemie - International Edition, 2015, 54, 9203-9208.	7.2	39
46	Total Synthesis of Trioxacarcin DCâ€45â€A2. Angewandte Chemie - International Edition, 2015, 54, 3074-3078.	7.2	23
47	Total Synthesis of Shishijimicin A. Journal of the American Chemical Society, 2015, 137, 8716-8719.	6.6	40
48	Synthesis and Biological Evaluation of Dimeric Furanoid Macroheterocycles: Discovery of New Anticancer Agents. Journal of the American Chemical Society, 2015, 137, 4766-4770.	6.6	7
49	Marinopyrrole Derivatives with Sulfide Spacers as Selective Disruptors of Mcl-1 Binding to Pro-Apoptotic Protein Bim. Marine Drugs, 2014, 12, 4311-4325.	2.2	9
50	InÂvitro chronic effects on hERG channel caused by the marine biotoxin azaspiracid-2. Toxicon, 2014, 91, 69-75.	0.8	16
51	The endeavor of total synthesis and its impact on chemistry, biology and medicine. National Science Review, 2014, 1, 233-252.	4.6	10
52	Microsphere-based immunoassay for the detection of azaspiracids. Analytical Biochemistry, 2014, 447, 58-63.	1.1	17
53	Academic-Industrial Partnerships in Drug Discovery and Development. Angewandte Chemie - International Edition, 2014, 53, 4730-4730.	7.2	12
54	In vivo arrhythmogenicity of the marine biotoxin azaspiracid-2 in rats. Archives of Toxicology, 2014, 88, 425-434.	1.9	25

#	Article	IF	Citations
55	Synthesis and Biological Evaluation of QRSTUVWXYZAâ€² Domains of Maitotoxin. Journal of the American Chemical Society, 2014, 136, 16444-16451.	6.6	35
56	Organic synthesis: the art and science of replicating the molecules of living nature and creating others like them in the laboratory. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20130690.	1.0	66
57	The Chemistry-Biology-Medicine Continuum and the Drug Discovery and Development Process in Academia. Chemistry and Biology, 2014, 21, 1039-1045.	6.2	19
58	Total Synthesis of Myceliothermophinsâ€…C, D, and E. Angewandte Chemie - International Edition, 2014, 53, 10970-10974.	7.2	36
59	Total Synthesis of Î”¹²â€Prostaglandinâ€…J₃, a Highly Potent and Selective Antileukemic Agent. Angewandte Chemie - International Edition, 2014, 53, 10443-10447.	7.2	39
60	Total Synthesis of Viridicatumtoxin B and Analogues Thereof: Strategy Evolution, Structural Revision, and Biological Evaluation. Journal of the American Chemical Society, 2014, 136, 12137-12160.	6.6	48
61	Advancing the Drug Discovery and Development Process. Angewandte Chemie - International Edition, 2014, 53, 9128-9140.	7.2	71
62	Cyclic Marinopyrrole Derivatives as Disruptors of Mcl-1 and Bcl-xL Binding to Bim. Marine Drugs, 2014, 12, 1335-1348.	2.2	14
63	Kooperation zwischen Hochschule und Industrie bei der Wirkstoffentwicklung. Angewandte Chemie, 2014, 126, 0-0.	1.6	0
64	Total Synthesis and Structural Revision of Viridicatumtoxinâ€…B. Angewandte Chemie - International Edition, 2013, 52, 8736-8741.	7.2	30
65	The Emergence of the Structure of the Molecule and the Art of Its Synthesis. Angewandte Chemie - International Edition, 2013, 52, 131-146.	7.2	34
66	Synthesis and antioxidant evaluation of (S,S)- and (R,R)-secoisolariciresinol diglucosides (SDGs). Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5325-5328.	1.0	31
67	General Synthetic Approach to Functionalized Dihydrooxepines. Organic Letters, 2013, 15, 1994-1997.	2.4	32
68	Synthesis and biological evaluation of new paclitaxel analogs and discovery of potent antitumor agents. Organic and Biomolecular Chemistry, 2013, 11, 4154.	1.5	25
69	Arylsulfonamide KCN1 InhibitsIn VivoGlioma Growth and Interferes with HIF Signaling by Disrupting HIF-1Î± Interaction with Cofactors p300/CBP. Clinical Cancer Research, 2012, 18, 6623-6633.	3.2	74
70	How Thiostrepton Was Made in the Laboratory. Angewandte Chemie - International Edition, 2012, 51, 12414-12436.	7.2	28
71	Synthesis and Biological Evaluation of Epidithio-, Epitetrathio-, and bis-(Methylthio)diketopiperazines: Synthetic Methodology, Enantioselective Total Synthesis of Epicoccin G, 8,8â€²-epi-ent-Rostratin B, Gliotoxin, Gliotoxin G, Emethallicin E, and Haematocin and Discovery of New Antiviral and Antimalarial Agents. Journal of the American Chemical Society, 2012, 134, 17320-17332.	6.6	113
72	A Total Synthesis Trilogy: Calicheamicin Î³₁^I, Taxol^{Â®}, and Brevetoxin A. Chemical Record, 2012, 12, 407-441.	2.9	22

#	Article	IF	Citations
73	Synthesis of Macroheterocycles through Intramolecular Oxidative Coupling of Furanoid Î²â€Ketoesters. Angewandte Chemie - International Edition, 2012, 51, 4726-4730.	7.2	33
74	Constructing molecular complexity and diversity: total synthesis of natural products of biological and medicinal importance. Chemical Society Reviews, 2012, 41, 5185.	18.7	199
75	Aldehyde Dehydrogenase Inhibitors: a Comprehensive Review of the Pharmacology, Mechanism of Action, Substrate Specificity, and Clinical Application. Pharmacological Reviews, 2012, 64, 520-539.	7.1	445
76	Total Syntheses of Anominine and Tubingensin A. Journal of the American Chemical Society, 2012, 134, 8078-8081.	6.6	120
77	Bio-inspired synthesis and biological evaluation of a colchicine-related compound library. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3776-3780.	1.0	35
78	A Practical Sulfenylation of 2,5â€Diketopiperazines. Angewandte Chemie - International Edition, 2012, 51, 728-732.	7.2	50
79	Enantioselective Dichlorination of Allylic Alcohols. Journal of the American Chemical Society, 2011, 133, 8134-8137.	6.6	215
80	Design, synthesis, and biological evaluation of a biyouyanagin compound library. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6715-6720.	3.3	32
81	Addressing the Stereochemistry of Complex Organic Molecules by Density Functional Theory-NMR: Vannusal B in Retrospective. Journal of the American Chemical Society, 2011, 133, 6072-6077.	6.6	118
82	Bioinspired Synthesis of Hirsutellones A, B, and C. Organic Letters, 2011, 13, 5708-5710.	2.4	36
83	Total Synthesis of Epicoccin G. Journal of the American Chemical Society, 2011, 133, 8150-8153.	6.6	78
84	Synthesis of the Câ€²Dâ€²Eâ€²Fâ€² Domain of Maitotoxin. Journal of the American Chemical Society, 2011, 133, 214-219.	6.6	30
85	Synthesis of the WXYZAâ€² Domain of Maitotoxin. Journal of the American Chemical Society, 2011, 133, 220-226.	6.6	50
86	Synthesis of the Carboline Disaccharide Domain of Shishijimicin A. Organic Letters, 2011, 13, 3924-3927.	2.4	18
87	Synthesis and biological evaluation of 2â€²,4â€²- and 3â€²,4â€²-bridged nucleoside analogues. Bioorganic and Medicinal Chemistry, 2011, 19, 5648-5669.	1.4	19
88	Sulfonamides as a new scaffold for hypoxia inducible factor pathway inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5528-5532.	1.0	32
89	Maitotoxin: An Inspiration for Synthesis. Israel Journal of Chemistry, 2011, 51, 359-377.	1.0	33
90	Proteomic Signature of Fatty Acid Biosynthesis Inhibition Available for In Vivo Mechanism-of-Action Studies. Antimicrobial Agents and Chemotherapy, 2011, 55, 2590-2596.	1.4	56

#	Article	IF	Citations
91	Invigorating Education. Angewandte Chemie - International Edition, 2011, 50, 63-74.	7.2	4
92	Total Synthesis and Biological Evaluation of Monorhizopodin and 16â€epiâ€Monorhizopodin. Angewandte Chemie - International Edition, 2011, 50, 1139-1144.	7.2	52
93	An Expedient Synthesis of a Functionalized Core Structure of Bielschowskysin. Angewandte Chemie - International Edition, 2011, 50, 5149-5152.	7.2	42
94	Total synthesis and biological evaluation of marinopyrrole A and analogs. Tetrahedron Letters, 2011, 52, 2041-2043.	0.7	38
95	Total Synthesis and Structural Revision of Biyouyanagin B. Chemistry - A European Journal, 2010, 16, 7678-7682.	1.7	23
96	Asymmetric Total Synthesis of Cylindrocyclophanesâ€...A and F through Cyclodimerization and a Rambergâ€“BÃcklund Reaction. Angewandte Chemie - International Edition, 2010, 49, 5875-5878.	7.2	46
97	Involvement of Caspase Activation in Azaspiracid-Induced Neurotoxicity in Neocortical Neurons. Toxicological Sciences, 2010, 114, 323-334.	1.4	42
98	Synthesis of Cylindrocyclophane F. Synfacts, 2010, 2010, 1098-1098.	0.0	0
99	Synthesis of Englerins A and B. Synfacts, 2010, 2010, 1094-1094.	0.0	0
100	Synthesis of the QRSTU Domain of Maitotoxin and Its 85-epi- and 86-epi-Diastereoisomers. Journal of the American Chemical Society, 2010, 132, 9900-9907.	6.6	35
101	Total Synthesis of Englerin A. Journal of the American Chemical Society, 2010, 132, 8219-8222.	6.6	131
102	Origins of Regioselectivity of Dielsâ^'Alder Reactions for the Synthesis of Bisanthraquinone Antibiotic BE-43472B. Journal of Organic Chemistry, 2010, 75, 922-928.	1.7	18
103	Total Synthesis of Echinopines A and B. Journal of the American Chemical Society, 2010, 132, 3815-3818.	6.6	59
104	An Expedient Procedure for the Oxidative Cleavage of Olefinic Bonds with PhI(OAc)₂, NMO, and Catalytic OsO₄. Organic Letters, 2010, 12, 1552-1555.	2.4	146
105	Total Synthesis and Structural Revision of Vannusals A and B: Synthesis of the True Structures of Vannusals A and B. Journal of the American Chemical Society, 2010, 132, 7153-7176.	6.6	47
106	Total Synthesis of Sporolide B and 9-epi-Sporolide B. Journal of the American Chemical Society, 2010, 132, 11350-11363.	6.6	50
107	Total Synthesis and Structural Revision of Vannusals A and B: Synthesis of the Originally Assigned Structure of Vannusal B. Journal of the American Chemical Society, 2010, 132, 7138-7152.	6.6	59
108	Synthesis of the ABCDEFG Ring System of Maitotoxin. Journal of the American Chemical Society, 2010, 132, 6855-6861.	6.6	62

#	Article	IF	Citations
109	Total Synthesis and Biological Evaluation of the Resveratrol-Derived Polyphenol Natural Products Hopeanol and Hopeahainol A. Journal of the American Chemical Society, 2010, 132, 7540-7548.	6.6	130
110	Cell Volume Decrease as a Link between Azaspiracid-Induced Cytotoxicity and c-Jun-N-Terminal Kinase Activation in Cultured Neurons. Toxicological Sciences, 2010, 113, 158-168.	1.4	30
111	Synthesis of ()-Hopeanol. Synfacts, 2009, 2009, 1194-1194.	0.0	0
112	Rhodium-Catalyzed Asymmetric Enyne Cycloisomerization. Synfacts, 2009, 2009, 1128-1128.	0.0	2
113	Discoveries from the Abyss: The Abyssomicins and Their Total Synthesis. Synthesis, 2009, 2009, 33-42.	1.2	25
114	Synthesis of (+)-BE-43472B. Synfacts, 2009, 2009, 1065-1065.	0.0	2
115	Identification of a Novel Small Molecule HIF-1Î± Translation Inhibitor. Clinical Cancer Research, 2009, 15, 6128-6136.	3.2	102
116	Monoclonal Antibodies with Orthogonal Azaspiracid Epitopes. ChemBioChem, 2009, 10, 1625-1629.	1.3	14
117	Recent Advances in the Chemistry and Biology of Naturally Occurring Antibiotics. Angewandte Chemie - International Edition, 2009, 48, 660-719.	7.2	198
118	Total Synthesis and Absolute Configuration of the Bisanthraquinone Antibiotic BEâ€43472B. Angewandte Chemie - International Edition, 2009, 48, 3444-3448.	7.2	55
119	Total Synthesis of Sporolideâ€…B. Angewandte Chemie - International Edition, 2009, 48, 3449-3453.	7.2	82
120	Rhodiumâ€Catalyzed Asymmetric Enyne Cycloisomerization of Terminal Alkynes and Formal Total Synthesis of (â^')â€Platensimycin. Angewandte Chemie - International Edition, 2009, 48, 6293-6295.	7.2	87
121	The True Structures of the Vannusals, Partâ€…1: Initial Forays into Suspected Structures and Intelligence Gathering. Angewandte Chemie - International Edition, 2009, 48, 5642-5647.	7.2	36
122	The True Structures of the Vannusals, Part 2: Total Synthesis and Revised Structure of Vannusalâ€‰B. Angewandte Chemie - International Edition, 2009, 48, 5648-5652.	7.2	38
123	Samarium Diiodide Mediated Reactions in Total Synthesis. Angewandte Chemie - International Edition, 2009, 48, 7140-7165.	7.2	420
124	Synthesis of the Monomeric Unit of the Lomaiviticin Aglycon. Angewandte Chemie - International Edition, 2009, 48, 5860-5863.	7.2	44
125	Total Synthesis of Hirsutelloneâ€…B. Angewandte Chemie - International Edition, 2009, 48, 6870-6874.	7.2	97
126	Cortistatinâ€…A is a Highâ€Affinity Ligand of Protein Kinases ROCK, CDK8, and CDK11. Angewandte Chemie - International Edition, 2009, 48, 8952-8957.	7.2	89

#	Article	IF	Citations
127	Total synthesis of tovophyllin B. Tetrahedron Letters, 2009, 50, 1161-1163.	0.7	49
128	Identification of Distinct Thiopeptide-Antibiotic Precursor Lead Compounds Using Translation Machinery Assays. Chemistry and Biology, 2009, 16, 1087-1096.	6.2	24
129	From nature to the laboratory and into the clinic. Bioorganic and Medicinal Chemistry, 2009, 17, 2290-2303.	1.4	76
130	Inspirations, Discoveries, and Future Perspectives in Total Synthesis. Journal of Organic Chemistry, 2009, 74, 951-972.	1.7	40
131	The Î²-<scp>d</scp>-Glucose Scaffold as a Î²-Turn Mimetic. Accounts of Chemical Research, 2009, 42, 1511-1520.	7.6	60
132	Total Syntheses of (Â±)-Platencin and (â˜')-Platencin. Journal of the American Chemical Society, 2009, 131, 15909-15917.	6.6	84
133	The art of total synthesis through cascade reactions. Chemical Society Reviews, 2009, 38, 2993.	18.7	669
134	Total Synthesis of Platensimycin and Related Natural Products. Journal of the American Chemical Society, 2009, 131, 16905-16918.	6.6	157
135	Enantioselective Intramolecular Friedelâ˜'Crafts-Type Î±-Arylation of Aldehydes. Journal of the American Chemical Society, 2009, 131, 2086-2087.	6.6	181
136	Total Synthesis and Biological Evaluation of (+)- and (â˜')-Bisanthraquinone Antibiotic BE-43472B and Related Compounds. Journal of the American Chemical Society, 2009, 131, 14812-14826.	6.6	50
137	New Synthetic Technologies for the Construction of Heterocycles and Tryptamines. Journal of the American Chemical Society, 2009, 131, 3690-3699.	6.6	52
138	Total Synthesis and Biological Evaluation of Cortistatins A and J and Analogues Thereof. Journal of the American Chemical Society, 2009, 131, 10587-10597.	6.6	90
139	Cytotoxic effect of azaspiracidâ€2 and azaspiracidâ€2â€methyl ester in cultured neurons: Involvement of the câ€Jun Nâ€terminal kinase. Journal of Neuroscience Research, 2008, 86, 2952-2962.	1.3	18
140	Asymmetric Synthesis and Biological Properties of Uncialamycin and 26â€epiâ€Uncialamycin. Angewandte Chemie - International Edition, 2008, 47, 185-189.	7.2	54
141	Total Synthesis of Platencin. Angewandte Chemie - International Edition, 2008, 47, 1780-1783.	7.2	125
142	An Expedient Strategy for the Synthesis of Tryptamines and Other Heterocycles. Angewandte Chemie - International Edition, 2008, 47, 4217-4220.	7.2	35
143	The Continuing Saga of the Marine Polyether Biotoxins. Angewandte Chemie - International Edition, 2008, 47, 7182-7225.	7.2	178
144	Total Syntheses and Structural Revision of Î±â€•and Î²â€Diversonolic Esters and Total Syntheses of Diversonol and Blennolideâ€…C. Angewandte Chemie - International Edition, 2008, 47, 6579-6582.	7.2	88

#	Article	IF	Citations
145	Total Synthesis of the Originally Assigned Structure of Vannusalâ€…B. Angewandte Chemie - International Edition, 2008, 47, 8605-8610.	7.2	50
146	Total synthesis of artochamins F, H, I, and J through cascade reactions. Tetrahedron, 2008, 64, 4736-4757.	1.0	22
147	Total Synthesis of Thiopeptide Antibiotics GE2270A, GE2270T, and GE2270C1. Chemistry - an Asian Journal, 2008, 3, 413-429.	1.7	59
148	Chemical Synthesis and Biological Evaluation of Palmerolide A Analogues. Journal of the American Chemical Society, 2008, 130, 10019-10023.	6.6	59
149	A Concise Asymmetric Total Synthesis of Aspidophytine. Journal of the American Chemical Society, 2008, 130, 14942-14943.	6.6	85
150	Total Synthesis of the Originally Proposed and Revised Structures of Palmerolide A and Isomers Thereof. Journal of the American Chemical Society, 2008, 130, 3633-3644.	6.6	126
151	Design, Synthesis, and Biological Evaluation of Platensimycin Analogues with Varying Degrees of Molecular Complexity. Journal of the American Chemical Society, 2008, 130, 13110-13119.	6.6	127
152	Synthesis of the Sporolide Ring Framework through a Cascade Sequence Involving an Intramolecular [4+2]â€…Cycloaddition Reaction of an oâ€Quinone. Angewandte Chemie - International Edition, 2008, 47, 1432-1435.	7.2	21
153	An Expedient Asymmetric Synthesis of Platencin. Journal of the American Chemical Society, 2008, 130, 11292-11293.	6.6	78
154	Azaspiracid Substituent at C1 Is Relevant to in Vitro Toxicity. Chemical Research in Toxicology, 2008, 21, 1823-1831.	1.7	19
155	Chemical Synthesis of the GHIJKLMNO Ring System of Maitotoxin. Journal of the American Chemical Society, 2008, 130, 7466-7476.	6.6	73
156	Total Synthesis, Revised Structure, and Biological Evaluation of Biyouyanagin A and Analogues Thereof. Journal of the American Chemical Society, 2008, 130, 11114-11121.	6.6	97
157	Total synthesis of complex heterocyclic natural products. Pure and Applied Chemistry, 2008, 80, 727-742.	0.9	25
158	Synthesis of Palmerolide A. Synfacts, 2008, 2008, 1022-1022.	0.0	1
159	The c-Jun-N-Terminal Kinase is Involved in the Neurotoxic Effect of Azaspiracid-1. Cellular Physiology and Biochemistry, 2007, 20, 957-966.	1.1	30
160	Total Synthesis of Kinamycins C, F, and J. Journal of the American Chemical Society, 2007, 129, 10356-10357.	6.6	91
161	Total Synthesis of Abyssomicin C, Atrop-abyssomicin C, and Abyssomicin D:Â Implications for Natural Origins of Atrop-abyssomicin C. Journal of the American Chemical Society, 2007, 129, 429-440.	6.6	104
162	Effects of Azaspiracid-1, A Potent Cytotoxic Agent, on Primary Neuronal Cultures. A Structureâ^'Activity Relationship Study. Journal of Medicinal Chemistry, 2007, 50, 356-363.	2.9	58

#	Article	IF	Citations
163	Total Syntheses of 2,2â€˜-epi-Cytoskyrin A, Rugulosin, and the Alleged Structure of Rugulin. Journal of the American Chemical Society, 2007, 129, 4001-4013.	6.6	74
164	Total Synthesis of Marinomycins Aâ”C and of Their Monomeric Counterparts Monomarinomycin A andiso-Monomarinomycin A. Journal of the American Chemical Society, 2007, 129, 1760-1768.	6.6	70
165	Formal synthesis of (Â±)-platensimycin. Chemical Communications, 2007, , 1922-1923.	2.2	98
166	New synthetic technology for the construction of N-hydroxyindoles and synthesis of nocathiacin I model systems. Tetrahedron, 2007, 63, 6088-6114.	1.0	50
167	Total Synthesis and Antibacterial Properties of Carbaplatensimycin. Journal of the American Chemical Society, 2007, 129, 14850-14851.	6.6	89
168	On the Structure of Maitotoxin. Angewandte Chemie - International Edition, 2007, 46, 5278-5282.	7.2	67
169	Asymmetric Total Syntheses of Platensimycin. Angewandte Chemie - International Edition, 2007, 46, 3942-3945.	7.2	205
170	Total Synthesis and Stereochemistry of Uncialamycin. Angewandte Chemie - International Edition, 2007, 46, 4704-4707.	7.2	71
171	Adamantaplatensimycin: A Bioactive Analogue of Platensimycin. Angewandte Chemie - International Edition, 2007, 46, 4712-4714.	7.2	127
172	Total Synthesis and Revised Structure of Biyouyanaginâ€…A. Angewandte Chemie - International Edition, 2007, 46, 4708-4711.	7.2	106
173	Cascade Reactions Involving Formal [2+2]â€…Thermal Cycloadditions: Total Synthesis of Artochamins F, H, I, and J. Angewandte Chemie - International Edition, 2007, 46, 7501-7505.	7.2	40
174	Chemical Synthesis of the GHIJK Ring System and Further Experimental Support for the Originally Assigned Structure of Maitotoxin. Angewandte Chemie - International Edition, 2007, 46, 8875-8879.	7.2	71
175	The Chemistry and Biology of Epothilonesâ€”The Wheel Keeps Turning. ChemMedChem, 2007, 2, 396-423.	1.6	119
176	Irreversible cytoskeletal disarrangement is independent of caspase activation during in vitro azaspiracid toxicity in human neuroblastoma cells. Biochemical Pharmacology, 2007, 74, 327-335.	2.0	38
177	Origins of Selectivity in Pericyclic Reaction Cascades for the Synthesis of Gambogin and Lateriflorone. Organic Letters, 2006, 8, 2989-2992.	2.4	19
178	Synthesis of iso-epoxy-amphidinolide N and des-epoxy-caribenolide I structures. Revised strategy and final stages. Organic and Biomolecular Chemistry, 2006, 4, 2158.	1.5	68
179	Synthesis of iso-epoxy-amphidinolide N and des-epoxy-caribenolide I structures. Initial forays. Organic and Biomolecular Chemistry, 2006, 4, 2119-57.	1.5	22
180	Total Synthesis of Marinomycins Aâ€“C. Angewandte Chemie - International Edition, 2006, 45, 6527-6532.	7.2	48

#	Article	IF	Citations
181	Total Synthesis and Biological Evaluation of Halipeptins A and D and Analogues. Journal of the American Chemical Society, 2006, 128, 4460-4470.	6.6	59
182	Total Synthesis and Structural Elucidation of Azaspiracid-1. Construction of Key Building Blocks for Originally Proposed Structure. Journal of the American Chemical Society, 2006, 128, 2244-2257.	6.6	70
183	Cell Growth Inhibition and Actin Cytoskeleton Disorganization Induced by Azaspiracid-1 Structureâ"Activity Studies. Chemical Research in Toxicology, 2006, 19, 1459-1466.	1.7	57
184	Total Synthesis and Structural Elucidation of Azaspiracid-1. Synthesis-Based Analysis of Originally Proposed Structures and Indication of Their Non-Identity to the Natural Product. Journal of the American Chemical Society, 2006, 128, 2258-2267.	6.6	53
185	Total Synthesis and Structural Elucidation of Azaspiracid-1. Final Assignment and Total Synthesis of the Correct Structure of Azaspiracid-1. Journal of the American Chemical Society, 2006, 128, 2859-2872.	6.6	94
186	Azaspiracids modulate intracellular pH levels in human lymphocytes. Biochemical and Biophysical Research Communications, 2006, 346, 1091-1099.	1.0	36
187	Second-Generation Total Synthesis of Azaspiracids-1, -2, and -3. Chemistry - an Asian Journal, 2006, 1, 245-263.	1.7	36
188	Total synthesis of floresolide B and Î"6,7-Z-floresolide B. Chemical Communications, 2006, , 600.	2.2	49
189	Stereocontrolled Synthesis of Model Core Systems of Lomaiviticins A and B. Angewandte Chemie - International Edition, 2006, 45, 2076-2081.	7.2	43
190	Total Synthesis and Confirmation of the Revised Structures of Azaspiracid-2 and Azaspiracid-3. Angewandte Chemie - International Edition, 2006, 45, 2609-2615.	7.2	69
191	Total Synthesis of Abyssomicin C and atrop-Abyssomicin C. Angewandte Chemie - International Edition, 2006, 45, 3256-3260.	7.2	109
192	Synthesis of Highly SubstitutedN-Hydroxyindoles through 1,5-Addition of Carbon Nucleophiles to In Situ Generated Unsaturated Nitrones. Angewandte Chemie - International Edition, 2006, 45, 5364-5368.	7.2	35
193	Cascade Reactions in Total Synthesis. Angewandte Chemie - International Edition, 2006, 45, 7134-7186.	7.2	1,939
194	Total Synthesis of Platensimycin. Angewandte Chemie - International Edition, 2006, 45, 7086-7090.	7.2	178
195	Molecular Design and Chemical Synthesis of a Highly Potent Epothilone. ChemMedChem, 2006, 1, 41-44.	1.6	44
196	Synergistic Effects of Peloruside A and Laulimalide with Taxoid Site Drugs, but Not with Each Other, on Tubulin Assembly. Molecular Pharmacology, 2006, 70, 1555-1564.	1.0	112
197	Joys of Molecules. 1. Campaigns in Total Synthesisâ€. Journal of Organic Chemistry, 2005, 70, 7007-7027.	1.7	23
198	Joys of Molecules. 2. Endeavors in Chemical Biology and Medicinal Chemistryâ€. Journal of Medicinal Chemistry, 2005, 48, 5613-5638.	2.9	19

#	Article	IF	Citations
199	Chasing Molecules That Were Never There: Misassigned Natural Products and the Role of Chemical Synthesis in Modern Structure Elucidation. Angewandte Chemie - International Edition, 2005, 44, 1012-1044.	7.2	556
200	A Mild and Selective Method for the Hydrolysis of Esters with Trimethyltin Hydroxide. Angewandte Chemie - International Edition, 2005, 44, 1378-1382.	7.2	331
201	Biomimetic Total Synthesis of Gambogin and Rate Acceleration of Pericyclic Reactions in Aqueous Media. Angewandte Chemie - International Edition, 2005, 44, 756-761.	7.2	84
202	Studies toward the Synthesis of Azadirachtin, Part 1: Total Synthesis of a Fully Functionalized ABC Ring Framework and Coupling with a Norbornene Domain. Angewandte Chemie - International Edition, 2005, 44, 3443-3447.	7.2	44
203	Studies toward the Synthesis of Azadirachtin, Part 2: Construction of Fully Functionalized ABCD Ring Frameworks and Unusual Intramolecular Reactions Induced by Close-Proximity Effects. Angewandte Chemie - International Edition, 2005, 44, 3447-3452.	7.2	44
204	Palladium-Catalyzed Cross-Coupling Reactions in Total Synthesis. Angewandte Chemie - International Edition, 2005, 44, 4442-4489.	7.2	2,426
205	Metathesis Reactions in Total Synthesis. Angewandte Chemie - International Edition, 2005, 44, 4490-4527.	7.2	1,101
206	Total Synthesis of Halipeptins A and D and Analogues. Angewandte Chemie - International Edition, 2005, 44, 4925-4929.	7.2	33
207	Construction of Highly Functionalized Medium-Sized Rings: Synthesis of Hyperforin and Perforatumone Model Systems. Angewandte Chemie - International Edition, 2005, 44, 3895-3899.	7.2	77
208	A Catalytic Asymmetric Three-Component 1,4-Addition/Aldol Reaction: Enantioselective Synthesis of the Spirocyclic System of Vannusal A. Angewandte Chemie - International Edition, 2005, 44, 3874-3879.	7.2	99
209	Synthesis of Imides,N-Acyl Vinylogous Carbamates and Ureas, and Nitriles by Oxidation of Amides and Amines with Dess-Martin Periodinane. Angewandte Chemie - International Edition, 2005, 44, 5992-5997.	7.2	141
210	The Cytoskyrin Cascade: A Facile Entry into Cytoskyrin A, Deoxyrubroskyrin, Rugulin, Skyrin, and Flavoskyrin Model Systems. Angewandte Chemie - International Edition, 2005, 44, 5846-5851.	7.2	45
211	Total Synthesis of (+)-Rugulosin and (+)-2,2â€²-epi-Cytoskyrin A through Cascade Reactions. Angewandte Chemie - International Edition, 2005, 44, 7917-7921.	7.2	58
212	Cover Picture: Palladium-Catalyzed Cross-Coupling Reactions in Total Synthesis / Metathesis Reactions in Total Synthesis (Angew. Chem. Int. Ed. 29/2005). Angewandte Chemie - International Edition, 2005, 44, 4413-4413.	7.2	4
213	Total Synthesis of Halipeptins: Isolation of Halipeptin D and Synthesis of Oxazoline Halipeptin Analogues. Chemistry - A European Journal, 2005, 11, 6197-6211.	1.7	30
214	The Total Synthesis of Coleophomones B, C, and D. Journal of the American Chemical Society, 2005, 127, 8872-8888.	6.6	108
215	Discovery of a Biologically Active Thiostrepton Fragment. Journal of the American Chemical Society, 2005, 127, 15042-15044.	6.6	66
216	Total Synthesis of Thiostrepton. Assembly of Key Building Blocks and Completion of the Synthesis. Journal of the American Chemical Society, 2005, 127, 11176-11183.	6.6	89

#	Article	IF	Citations
217	Total Synthesis of Thiostrepton. Retrosynthetic Analysis and Construction of Key Building Blocks. Journal of the American Chemical Society, 2005, 127, 11159-11175.	6.6	124
218	Identification of a novel small-molecule inhibitor of the hypoxia-inducible factor 1 pathway. Cancer Research, 2005, 65, 605-12.	0.4	112
219	Solid-Phase Synthesis of Heterocyclic Systems (Heterocycles Containing One Heteroatom). , 2004, , 643-684.		7
220	The art and science of constructing the molecules of nature. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11928-11928.	3.3	5
221	Total Synthesis of Hybocarpone and Analogues Thereof. A Facile Dimerization of Naphthazarins to Pentacyclic Systems. Journal of the American Chemical Society, 2004, 126, 607-612.	6.6	93
222	o-Iodoxybenzoic Acid (IBX) as a Viable Reagent in the Manipulation of Nitrogen- and Sulfur-Containing Substrates:Â Scope, Generality, and Mechanism of IBX-Mediated Amine Oxidations and Dithiane Deprotections. Journal of the American Chemical Society, 2004, 126, 5192-5201.	6.6	289
223	Structural Revision and Total Synthesis of Azaspiracid-1, Part 1: Intelligence Gathering and Tentative Proposal. Angewandte Chemie - International Edition, 2004, 43, 4312-4318.	7.2	95
224	Structural Revision and Total Synthesis of Azaspiracid-1, Part 2: Definition of the ABCD Domain and Total Synthesis. Angewandte Chemie - International Edition, 2004, 43, 4318-4324.	7.2	136
225	Total Synthesis of Thiostrepton, Part 1: Construction of the Dehydropiperidine/Thiazoline-Containing Macrocycle. Angewandte Chemie - International Edition, 2004, 43, 5087-5092.	7.2	95
226	Total Synthesis of Thiostrepton, Part 2: Construction of the Quinaldic Acid Macrocycle and Final Stages of the Synthesis. Angewandte Chemie - International Edition, 2004, 43, 5092-5097.	7.2	93
227	Cover Picture: Structural Revision and Total Synthesis of Azaspiracid-1, Part 1: Intelligence Gathering and Tentative Proposal (Angew. Chem. Int. Ed. 33/2004). Angewandte Chemie - International Edition, 2004, 43, 4239-4239.	7.2	0
228	New Uses for the Burgess Reagent in Chemical Synthesis: Methods for the Facile and Stereoselective Formation of Sulfamidates, Glycosylamines, and Sulfamides. Chemistry - A European Journal, 2004, 10, 5581-5606.	1.7	94
229	The essence of total synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11929-11936.	3.3	95
230	Linkers for Solid-Phase Synthesis. , 2004, , 59-169.		9
231	Studies toward Diazonamide A:â€‰Initial Synthetic Forays Directed toward the Originally Proposed Structure. Journal of the American Chemical Society, 2004, 126, 10162-10173.	6.6	94
232	Total Synthesis of Hamigerans and Analogues Thereof. Photochemical Generation and Dielsâ^'Alder Trapping of Hydroxy-o-quinodimethanes. Journal of the American Chemical Society, 2004, 126, 613-627.	6.6	172
233	Biomimetically Inspired Total Synthesis and Structure Activity Relationships of 1-O-Methyllateriflorone. 6Ï€ Electrocyclizations in Organic Synthesis. Journal of the American Chemical Society, 2004, 126, 5493-5501.	6.6	52
234	Chemistry and Biology of Diazonamide A:Â Second Total Synthesis and Biological Investigations. Journal of the American Chemical Society, 2004, 126, 12897-12906.	6.6	160

#	Article	IF	Citations
235	Multicomponent Reactions. , 2004, , 685-705.		4
236	Chemistry and Biology of Diazonamide A:Â First Total Synthesis and Confirmation of the True Structure. Journal of the American Chemical Society, 2004, 126, 12888-12896.	6.6	182
237	Studies toward Diazonamide A:â€‰ Development of a Hetero-Pinacol Macrocyclization Cascade for the Construction of the Bis-Macrocyclic Framework of the Originally Proposed Structure. Journal of the American Chemical Society, 2004, 126, 10174-10182.	6.6	64
238	A New Method for the Stereoselective Synthesis of Î±- and Î²-Glycosylamines Using the Burgess Reagent. Journal of the American Chemical Society, 2004, 126, 6234-6235.	6.6	55
239	Combinatorial Chemistry in Perspective. , 2004, , 1-9.		3
240	Elimination Chemistry in the Solution- and Solid-Phase Synthesis of Combinatorial Libraries. , 2004, , 279-304.		1
241	Addition to CC Multiple Bonds (Except for CC Bond Formation). , 2004, , 305-321.		1
242	Oxidation Except CC Double Bonds. , 2004, , 369-386.		1
243	Reductions in Combinatorial Synthesis. , 2004, , 387-439.		1
244	Cycloadditions in Combinatorial and Solid-Phase Synthesis. , 2004, , 440-469.		2
245	Main Group Organometallics. , 2004, , 470-491.		1
246	Enolates and Related Species in Combinatorial and Solid-Phase Synthesis. , 2004, , 492-530.		1
247	Solid-Phase Palladium Catalysis for High-Throughput Organic Synthesis. , 2004, , 531-584.		1
248	Olefin Metathesis and Related Processes for CC Multiple Bond Formation. , 2004, , 585-609.		1
249	Strategies for Creating the Diversity of Oligosaccharides. , 2004, , 706-722.		0
250	Design Criteria. , 2004, , 723-742.		0
251	Estimation of Physicochemical and ADME Parameters. , 2004, , 743-760.		1
252	Erythropoietin Sensitizer - A Case Study. , 2004, , 784-805.		1

#	ARTICLE	IF	CITATIONS
253	Concepts of Combinatorial Chemistry in Process Development. , 2004, , 829-863.		0
254	High-Throughput Screening Applied to Process Development. , 2004, , 864-884.		2
255	Combinatorial Aspects of Materials Science. , 2004, , 1017-1062.		1
256	Reprogramming Combinatorial Biology for Combinatorial Chemistry. , 2004, , 1063-1097.		0
257	Instrumentation for Combinatorial Chemistry. , 2004, , 190-224.		3
258	Nucleophilic Substitution in Combinatorial and Solid-Phase Synthesis. , 2004, , 247-269.		2
259	Electrophilic Substitution in Combinatorial and Solid-Phase Synthesis. , 2004, , 270-278.		1
260	Radical Reactions in Combinatorial Chemistry. , 2004, , 225-246.		0
261	Combinatorial Methods in Catalysis. , 2004, , 885-990.		10
262	Virtual Compound Libraries and Molecular Modeling. , 2004, , 761-783.		0
263	Estimation of Stability and Shelf Life for Compounds, Libraries, and Repositories in Combination with Systematic Discovery of New Rearrangement Pathways. , 2004, , 806-828.		1
264	Encoding Technologies. , 2004, , 170-189.		2
265	Introduction to Combinatorial Chemistry. , 2004, , 10-23.		2
266	Solid Phase and Soluble Polymers for Combinatorial Synthesis. , 2004, , 24-58.		6
267	Diversity-Based Identification of Efficient Homochiral Organometallic Catalysts for Enantioselective Synthesis. , 2004, , 991-1016.		18
268	Solid-Phase Synthesis of Natural Products and Natural Product-Like Libraries. , 2004, , 611-642.		1
269	Addition to Carbon-Hetero Multiple Bonds. , 2004, , 322-345.		1
270	Chemistry of the Carbonyl Group. , 2004, , 346-368.		1

#	Article	IF	Citations
271	Discovery and optimization of non-steroidal FXR agonists from natural product-like librariesElectronic supplementary information (ESI) available: schemes describing the synthesis of compounds in Fig. 2, 4, 5, 6 and 7. All final compounds were characterized by 1H NMR spectroscopy and HRMS are available on request. See http://www.rsc.org/suppdata/ob/b3/b300525a/. Organic and Biomolecular Chemistry, 2003, 1, 908-920.	1.5	105
272	Title is missing!. Angewandte Chemie, 2003, 115, 3540-3546.	1.6	26
273	Design, Synthesis, and Biological Properties of Highly Potent Epothilone B Analogues. Angewandte Chemie, 2003, 115, 3639-3644.	1.6	13
274	Total Synthesis and Biological Evaluation of (â^')Apicularen A and Analogues Thereof. Chemistry - A European Journal, 2003, 9, 6177-6191.	1.7	58
275	The Second Total Synthesis of Diazonamide A. Angewandte Chemie - International Edition, 2003, 42, 1753-1758.	7.2	176
276	Studies Towards the Synthesis of Azadirachtin: Enantioselective Entry into the Azadirachtin Framework through Cascade Reactions. Angewandte Chemie - International Edition, 2003, 42, 3637-3642.	7.2	45
277	Synthetic Studies on Thiostrepton: Construction of Thiostrepton Analogues with the Thiazoline-Containing Macrocycle. Angewandte Chemie - International Edition, 2003, 42, 3418-3424.	7.2	63
278	Total Synthesis of 1-O-Methyllateriflorone. Angewandte Chemie - International Edition, 2003, 42, 4225-4229.	7.2	43
279	Design, Synthesis, and Biological Properties of Highly Potent Epothilone B Analogues. Angewandte Chemie - International Edition, 2003, 42, 3515-3520.	7.2	66
280	Total Synthesis of the Proposed Azaspiracid-1 Structure, Part 1: Construction of the Enantiomerically Pure C1â€“C20, C21â€“C27, and C28â€“C40 Fragments. Angewandte Chemie - International Edition, 2003, 42, 3643-3648.	7.2	90
281	Total Synthesis of the Proposed Azaspiracid-1 Structure, Part 2: Coupling of the C1â€“C20, C21â€“C27, and C28â€“C40 Fragments and Completion of the Synthesis. Angewandte Chemie - International Edition, 2003, 42, 3649-3653.	7.2	79
282	New Reactions of IBX: Oxidation of Nitrogen- and Sulfur-Containing Substrates To Afford Useful Synthetic Intermediates. Angewandte Chemie - International Edition, 2003, 42, 4077-4082.	7.2	238
283	Novel strategies for the solid phase synthesis of substituted indolines and indoles. Bioorganic and Medicinal Chemistry, 2003, 11, 465-476.	1.4	49
284	Tandem reactions, cascade sequences, and biomimetic strategies in total synthesis. Chemical Communications, 2003, , 551-564.	2.2	571
285	Total Synthesis of Apoptolidin:â€‰ Construction of Enantiomerically Pure Fragments. Journal of the American Chemical Society, 2003, 125, 15433-15442.	6.6	112
286	Total Synthesis of Apoptolidin:â€‰ Completion of the Synthesis and Analogue Synthesis and Evaluation. Journal of the American Chemical Society, 2003, 125, 15443-15454.	6.6	95
287	A Chemical, Genetic, and Structural Analysis of the Nuclear Bile Acid Receptor FXR. Molecular Cell, 2003, 11, 1079-1092.	4.5	359
288	Discovery and optimization of non-steroidal FXR agonists from natural product-like libraries. Organic and Biomolecular Chemistry, 2003, 1, 908-20.	1.5	24

#	Article	IF	Citations
289	Enhanced microtubule-dependent trafficking and p53 nuclear accumulation by suppression of microtubule dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 10855-10860.	3.3	192
290	Total Synthesis of the CP-Molecules (CP-263,114 and CP-225,917, Phomoidrides B and A). 3. Completion and Synthesis of Advanced Analogues. Journal of the American Chemical Society, 2002, 124, 2202-2211.	6.6	56
291	Iodine(V) Reagents in Organic Synthesis. Part 4.o-Iodoxybenzoic Acid as a Chemospecific Tool for Single Electron Transfer-Based Oxidation Processes. Journal of the American Chemical Society, 2002, 124, 2245-2258.	6.6	420
292	Novel Chemistry of Î±-Tosyloxy Ketones:Â Applications to the Solution- and Solid-Phase Synthesis of Privileged Heterocycle and Enediyne Libraries. Journal of the American Chemical Society, 2002, 124, 5718-5728.	6.6	60
293	Total Synthesis of the CP-Molecules (CP-263,114 and CP-225,917, Phomoidrides B and A). 1. Racemic and Asymmetric Synthesis of Bicyclo[4.3.1] Key Building Blocks. Journal of the American Chemical Society, 2002, 124, 2183-2189.	6.6	54
294	Total Synthesis of the CP-Molecules (CP-263,114 and CP-225,917, Phomoidrides B and A). 2. Model Studies for the Construction of Key Structural Elements and First-Generation Strategy. Journal of the American Chemical Society, 2002, 124, 2190-2201.	6.6	73
295	Iodine(V) Reagents in Organic Synthesis. Part 2. Access to Complex Molecular Architectures via Dessâ^'Martin Periodinane-Generatedo-Imidoquinones. Journal of the American Chemical Society, 2002, 124, 2221-2232.	6.6	111
296	An expedient entry into the fused polycyclic skeleton of vannusal AElectronic supplementary information (ESI) available: selected physical data for compounds 11 and 2. See http://www.rsc.org/suppdata/cc/b2/b208234a/Dedicated to Professor Herbert C. Brown on the occasion of his 90th birthday.. Chemical Communications, 2002, , 2480-2481.	2.2	41
297	Total synthesis of coleophomone DElectronic supplementary information (ESI) available: selected physical data for compound 18. See http://www.rsc.org/suppdata/cc/b2/b208236p/. Chemical Communications, 2002, , 2478-2479.	2.2	29
298	Iodine(V) Reagents in Organic Synthesis. Part 1. Synthesis of Polycyclic Heterocycles via Dessâ^'Martin Periodinane-Mediated Cascade Cyclization:Â Generality, Scope, and Mechanism of the Reaction. Journal of the American Chemical Society, 2002, 124, 2212-2220.	6.6	122
299	Total Synthesis of Colombiasin A and Determination of Its Absolute Configuration. Chemistry - A European Journal, 2002, 8, 2214.	1.7	1
300	A Novel Regio- and Stereoselective Synthesis of Sulfamidates from 1,2-Diols Using Burgess and Related Reagents: A Facile Entry into Î²-Amino Alcohols We thank Professor K. Barry Sharpless for the gracious donation of several of the starting diol substrates. We also thank Drs. D. H. Huang, G. Suizdak, and R. Chadja for NMR spectroscopic, mass spectrometric, and X-ray crystallographic assistance, respectively. Financial support for this work was provided by The Skaggs Institute for Chemical Biology. predoctora. Angewandte Chemie - International Edition, 2002, 41, 834.	7.2	84
301	Modulation of the Reactivity Profile of IBX by Ligand Complexation: Ambient Temperature Dehydrogenation of Aldehydes and Ketones to Î±,Î²-Unsaturated Carbonyl Compounds. Angewandte Chemie - International Edition, 2002, 41, 993-996.	7.2	258
302	Oxidation of Silyl Enol Ethers by Using IBX and IBXâ‹…N-Oxide Complexes: A Mild and Selective Reaction for the Synthesis of Enones. Angewandte Chemie - International Edition, 2002, 41, 996-1000.	7.2	224
303	HIO3 and I2O5: Mild and Selective Alternative Reagents to IBX for the Dehydrogenation of Aldehydes and Ketones. Angewandte Chemie - International Edition, 2002, 41, 1386-1389.	7.2	98
304	The Diels-Alder Reaction in Total Synthesis. Angewandte Chemie - International Edition, 2002, 41, 1668-1698.	7.2	1,570
305	Cover Picture: Angew. Chem. Int. Ed. 15/2002. Angewandte Chemie - International Edition, 2002, 41, 2619-2619.	7.2	2
306	The CP Molecule Labyrinth: A Paradigm of How Endeavors in Total Synthesis Lead to Discoveries and Inventions in Organic Synthesis. Angewandte Chemie - International Edition, 2002, 41, 2678-2720.	7.2	37

#	ARTICLE	IF	CITATIONS
307	The Total Synthesis of Coleophomones B and C. Angewandte Chemie - International Edition, 2002, 41, 3276-3281.	7.2	59
308	Total Synthesis of Diazonamide A. Angewandte Chemie - International Edition, 2002, 41, 3495-3499.	7.2	157
309	Stereocontrolled Total Synthesis of Apicularen A and Its Î”17,18 Z Isomer. Angewandte Chemie - International Edition, 2002, 41, 3701-3704.	7.2	119
310	A New Method for the Synthesis of Nonsymmetrical Sulfamides Using Burgess-Type Reagents. Angewandte Chemie - International Edition, 2002, 41, 3866-3870.	7.2	43
311	Bromotyrosine-Derived Natural and Synthetic Products as Inhibitors of Mycothiol-S-Conjugate Amidase. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 2487-2490.	1.0	64
312	Diversity-Oriented Organic Synthesis and Proteomics. Chemistry and Biology, 2002, 9, 1-2.	6.2	35
313	Atropselective Macrocyclization of Diaryl Ether Ring Systems: Application to the Synthesis of Vancomycin Model Systems. Journal of the American Chemical Society, 2002, 124, 10451-10455.	6.6	96
314	Iodine(V) Reagents in Organic Synthesis. Part 3. New Routes to Heterocyclic Compounds viao-Iodoxybenzoic Acid-Mediated Cyclizations:Â Generality, Scope, and Mechanism. Journal of the American Chemical Society, 2002, 124, 2233-2244.	6.6	255
315	Protracted low-dose effects on human endothelial cell proliferation and survival in vitro reveal a selective antiangiogenic window for various chemotherapeutic drugs. Cancer Research, 2002, 62, 6938-43.	0.4	330
316	Model studies towards azadirachtin: part 1. Construction of the crowded C8-C14 bond by radical chemistry. Angewandte Chemie - International Edition, 2002, 41, 2103-6.	7.2	2
317	Model studies towards azadirachtin: part 2. Construction of the crowded C8-C14 bond by transition metal chemistry. Angewandte Chemie - International Edition, 2002, 41, 2107-10.	7.2	4
318	Stereocontrolled synthesis of the quinaldic acid macrocyclic system of thiostrepton. Angewandte Chemie - International Edition, 2002, 41, 1937-40.	7.2	2
319	A biomimetically inspired synthesis of the dehydropiperidine domain of thiostrepton. Angewandte Chemie - International Edition, 2002, 41, 1941-5.	7.2	8
320	Recent developments in the chemistry, biology and medicine of the epothilones. Chemical Communications, 2001, , 1523-1535.	2.2	117
321	Selective Oxidation at Carbon Adjacent to Aromatic Systems with IBX. Journal of the American Chemical Society, 2001, 123, 3183-3185.	6.6	118
322	Synthetic and Semisynthetic Analogs of Epothilones: Chemistry and Biological Activity. ACS Symposium Series, 2001, , 112-130.	0.5	8
323	Antitumor efficacy of 26-fluoroepothilone B against human prostate cancer xenografts. Cancer Chemotherapy and Pharmacology, 2001, 48, 319-326.	1.1	47
324	Solid phase synthesis of complex natural products and libraries thereof. Biopolymers, 2001, 60, 171-193.	1.2	44

#	Article	IF	Citations
325	Synthesis and Biological Evaluation of 12,13-Cyclopropyl and 12,13-Cyclobutyl Epothilones. ChemBioChem, 2001, 2, 69-75.	1.3	24
326	Discovery of Novel Antibacterial Agents Active Against Methicillin-ResistantStaphylococcus aureus from Combinatorial Benzopyran Libraries. ChemBioChem, 2001, 2, 460-465.	1.3	47
327	Solid- and Solution-Phase Synthesis of Vancomycin and Vancomycin Analogues with Activity against Vancomycin-Resistant Bacteria. Chemistry - A European Journal, 2001, 7, 3798-3823.	1.7	79
328	Synthesis and Biological Evaluation of Vancomycin Dimers with Potent Activity against Vancomycin-Resistant Bacteria: Target-Accelerated Combinatorial Synthesis. Chemistry - A European Journal, 2001, 7, 3824-3843.	1.7	131
329	Combinatorial Synthesis through Disulfide Exchange: Discovery of Potent Psammaplin A Type Antibacterial Agents Active against Methicillin-ResistantStaphylococcus aureus (MRSA). Chemistry - A European Journal, 2001, 7, 4280-4295.	1.7	85
330	Optimization and Mechanistic Studies of Psammaplin A Type Antibacterial Agents Active against Methicillin-ResistantStaphylococcus aureus (MRSA). Chemistry - A European Journal, 2001, 7, 4296-4310.	1.7	46
331	Total Synthesis of Colombiasin A and Determination of Its Absolute Configuration. Chemistry - A European Journal, 2001, 7, 5359-5371.	1.7	74
332	Total Synthesis of Hamigerans: Part 1. Development of Synthetic Technology for the Construction of Benzannulated Polycyclic Systems by the Intramolecular Trapping of Photogenerated Hydroxy-o-quinodimethanes and Synthesis of Key Building Blocks This work was financially supported by the National Institutes of Health (USA) and The Skaggs Institute for Chemical Biology, and grants from Abbott, Amgen, ArrayBiopharma, Boehringer-Ingelheim, Glaxo, Hoffmann-La Roche, DuPont,	7.2	113
333	Photochemically Generated Hydroxy-o-quinodimethanes: Strategy and Completion of the Synthesis This work was financially supported by the National Institutes of Health (USA) and The Skaggs Institute for Chemical Biology, and grants from Abbott, Amgen, ArrayBiopharma, Boehringer-Ingelheim, Glaxo, Hoffmann-La Roche, DuPont, Merck, Pfizer, and Schering Plough..	7.2	93
334	â€œBiomimeticâ€•Cascade Reactions in Organic Synthesis: Construction of 4-Oxatricyclo[4.3.1.0]decan-2-one Systems and Total Synthesis of 1-O-Methylforbesione via Tandem Claisen Rearrangement/Diels-Alder Reactions. Angewandte Chemie - International Edition, 2001, 40, 4264-4268.	7.2	74
335	Polycyclic Systems with Remarkably Stereospecific Reactions We thank Drs. D. H. Huang and G. Siuzdak for their assistance with NMR spectroscopy and mass spectrometry, respectively. This work was financially supported by the National Institutes of Health (USA) and The Skaggs Institute for Chemical Biology, a postdoctoral fellowship from the Skaggs Institute for Research (to V.G.), and grants from	7.2	42
336	Construction of the Complete Aromatic Core of Diazonamide A by a Novel Hetero Pinacol Macrocyclization Cascade Reaction. Angewandte Chemie - International Edition, 2001, 40, 4705-4709.	7.2	75
337	Chemical Synthesis and Biological Evaluation ofcis- andtrans-12,13-Cyclopropyl and 12,13-Cyclobutyl Epothilones and Related Pyridine Side Chain Analogues. Journal of the American Chemical Society, 2001, 123, 9313-9323.	6.6	205
338	Behind Enemy Lines. Scientific American, 2001, 284, 54-61.	1.0	52
339	Epothilones and Sarcodictyins: From Combinatorial Libraries to Designed Analogs. ACS Symposium Series, 2001, , 148-170.	0.5	3
340	New Synthetic Technology for the Construction of N-Containing Quinones and Derivatives Thereof: Total Synthesis of Epoxyquinomycin B We thank Dr. D. H. Huang, Dr. G. Siuzdak, and Dr. R. Chadha for NMR spectroscopic, mass spectrometric, and X-ray crystallographic assistance, respectively. Financial support for this work was provided by The Skaggs Institute for Chemical Biology, the National Institutes of Health (USA), a predoctoral fellowship from the National Science Foundation (P.B.), and	7.2	1
341	Does CIP Nomenclature Adequately Handle Molecules with Multiple Stereoelements? A Case Study of Vancomycin and Cognates We would like to thank Professor Dieter Hellwinkel for pointing out to us the stereochemical discrepancies in our review6 and elsewhere in the literature, and Kurt Mislow for	7.2	0
342	Total Synthesis of Hybocarpone We thank Dr. D. H. Huang, Dr. G. Siuzdak and Dr. I. Ioannou for NMR spectroscopic, mass spectrometric and computational assistance, respectively. Financial support for this work was provided by the Skaggs Institute for Chemical Biology, the National Institutes of Health (USA), and grants from Abbott, Amgen, ArrayBiopharma, Boehringer-Ingelheim, Glaxo, Hoffmann-La Roche, DuPont, Merck, Novartis, Pfizer, CaPCURE, and Schering Plough.. Angewandte Chemie - International Edition, 2001, 40, 761-763.	7.2	9

#	Article	IF	Citations
343	Adventures in Carbohydrate Chemistry: New Synthetic Technologies, Chemical Synthesis, Molecular Design, and Chemical Biology A list of abbreviations can be found at the end of this article. Telemachos Charalambous was an inspiring teacher at the Pancyprian Gymnasium, Nicosia, Cyprus.. Angewandte Chemie - International Edition, 2001, 40, 1576-1624.	7.2	35
344	Total Synthesis of Colombiasin A This work was financially supported by the National Institutes of Health (USA) and The Skaggs Institute for Chemical Biology, postdoctoral fellowships from Bayer AG (to R.K. and W.M.), and grants from Abbott, Amgen, ArrayBiopharma, Boehringer-Ingelheim, Glaxo, Hoffmann-La Roche, DuPont, Merck, Novartis, Pfizer, and Schering Plough.. Angewandte Chemie - International Edition, 2001, 40, 2482-2486.	7.2	2
345	We thank Dr. D. H. Huang and Dr. G. Siuzdak for NMR spectroscopic and mass spectrometric assistance, respectively. This work was financially supported by the National Institutes of Health (USA), the Skaggs Institute for Chemical Biology, American Biosciences, a pre-doctoral fellowship from	7.2	1
346	Total Synthesis of Apoptolidin. Part 2. Coupling of Key Building Blocks and Completion of the Synthesis We thank Dr. C. Khosla and Dr. Y. Hayakawa for generous gifts of apoptolidin, and Dr. D. H. Huang and Dr. G. Siuzdak for NMR spectroscopic and mass spectrometric assistance, respectively. This work was financially supported by the National Institutes of Health (USA), the Skaggs Institute for Chemical Biology, American Biosciences, a predoctoral fellowship from Boehringer Ingelheim (to Y.L.), a postdoctora. Angewandte Chemie - International Edition, 2001, 40, 3854-3857.	7.2	1
347	The Art and Science of Total Synthesis at the Dawn of the Twenty-First Century. Angewandte Chemie - International Edition, 2000, 39, 44-122.	7.2	531
348	New Synthetic Technology for the Rapid Construction of Novel Heterocyclesâ€”Part 2. The Reaction of IBX with Anilides and Related Compounds. Angewandte Chemie - International Edition, 2000, 39, 625-628.	7.2	121
349	Selenium-Based Solid-Phase Synthesis of Benzopyrans I: Applications to Combinatorial Synthesis of Natural Products. Angewandte Chemie - International Edition, 2000, 39, 734-739.	7.2	143
350	Selenium-Based Solid-Phase Synthesis of Benzopyrans II: Applications to Combinatorial Synthesis of Medicinally Relevant Small Organic Molecules. Angewandte Chemie - International Edition, 2000, 39, 739-743.	7.2	95
351	New Selenium-Based Safety-Catch Linkers: Solid-Phase Semisynthesis of Vancomycin. Angewandte Chemie - International Edition, 2000, 39, 1084-1088.	7.2	62
352	1,2-Seleno Migrations in Carbohydrate Chemistry: Solution and Solid-Phase Synthesis of 2-Deoxy Glycosides, Orthoesters, and Allyl Orthoesters. Angewandte Chemie - International Edition, 2000, 39, 1089-1093.	7.2	61
353	The Absolute Configuration and Asymmetric Total Synthesis of the CP Molecules (CP-263,114 and) Tj ETQq1 1 0.784314 rgBT /Overlo	7.2	57
354	Solid-phase combinatorial synthesis using MicroKan reactors, Rf tagging, and directed sorting. , 2000, 71, 44-50.		42
355	Total Synthesis of 16-Desmethylepothilone B, Epothilone B10, Epothilone F, and Related Side Chain Modified Epothilone B Analogues. Chemistry - A European Journal, 2000, 6, 2783-2800.	1.7	60
356	Total Synthesis of Everninomicin 13,384-1â€”Part 1: Retrosynthetic Analysis and Synthesis of the A1B(A)C Fragment. Chemistry - A European Journal, 2000, 6, 3095-3115.	1.7	75
357	Total Synthesis of Everninomicin 13,384-1â€”Part 2: Synthesis of the FGHA2 Fragment. Chemistry - A European Journal, 2000, 6, 3116-3148.	1.7	45
358	Total Synthesis of Everninomicin 13,384-1â€”Part 3: Synthesis of the DE Fragment and Completion of the Total Synthesis. Chemistry - A European Journal, 2000, 6, 3149-3165.	1.7	33
359	Total Synthesis of Everninomicin 13,384-1-Part 4: Explorations of Methodology; Stereocontrolled Synthesis of 1,1â€²-Disaccharides, 1,2-Seleno Migrations in Carbohydrates, and Solution- and Solid-Phase Synthesis of 2-Deoxy Glycosides and Orthoesters. Chemistry - A European Journal, 2000, 6, 3166-3185.	1.7	43
360	Novel Reactions Initiated by Titanocene Methylidenes: Deoxygenation of Sulfoxides,N-Oxides, and Selenoxides. Angewandte Chemie - International Edition, 2000, 39, 2529-2533.	7.2	95

#	Article	IF	Citations
361	Target-Accelerated Combinatorial Synthesis and Discovery of Highly Potent Antibiotics Effective Against Vancomycin-Resistant Bacteria. Angewandte Chemie - International Edition, 2000, 39, 3823-3828.	7.2	130
362	Chemical synthesis and biological properties of pyridine epothilones**This paper is dedicated to Professor JosÃ© Barluenga on the occasion of his 60th birthday.. Chemistry and Biology, 2000, 7, 593-599.	6.2	137
363	Biomimetic Total Synthesis of Bisorbicillinol, Bisorbibutenolide, Trichodimerol, and Designed Analogues of the Bisorbicillinoids. Journal of the American Chemical Society, 2000, 122, 3071-3079.	6.6	136
364	Natural Product-like Combinatorial Libraries Based on Privileged Structures. 2. Construction of a 10Â000-Membered Benzopyran Library by Directed Split-and-Pool Chemistry Using NanoKans and Optical Encoding. Journal of the American Chemical Society, 2000, 122, 9954-9967.	6.6	292
365	Natural Product-like Combinatorial Libraries Based on Privileged Structures. 1. General Principles and Solid-Phase Synthesis of Benzopyrans. Journal of the American Chemical Society, 2000, 122, 9939-9953.	6.6	668
366	A New Method for the One-Step Synthesis of Î±,Î²-Unsaturated Carbonyl Systems from Saturated Alcohols and Carbonyl Compounds. Journal of the American Chemical Society, 2000, 122, 7596-7597.	6.6	363
367	Natural Product-like Combinatorial Libraries Based on Privileged Structures. 3. The â€œLibraries from Librariesâ€•Principle for Diversity Enhancement of Benzopyran Libraries. Journal of the American Chemical Society, 2000, 122, 9968-9976.	6.6	215
368	Synthesis of the macrocyclic core of apoptolidin. Chemical Communications, 2000, , 307-308.	2.2	41
369	A common pharmacophore for epothilone and taxanes: Molecular basis for drug resistance conferred by tubulin mutations in human cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 2904-2909.	3.3	463
370	Total Synthesis of the Novel Immunosuppressant Sanglifehrin A. Journal of the American Chemical Society, 2000, 122, 3830-3838.	6.6	85
371	New Synthetic Technology for the Mild and Selective One-Carbon Homologation of Hindered Aldehydes in the Presence of Ketones. Organic Letters, 2000, 2, 1895-1898.	2.4	32
372	A Novel Strategy for the Solid-Phase Synthesis of Substituted Indolines. Journal of the American Chemical Society, 2000, 122, 2966-2967.	6.6	109
373	Novel Solution- and Solid-Phase Chemistry of Î±-Sulfonated Ketones Applicable to Combinatorial Chemistry. Journal of the American Chemical Society, 2000, 122, 10246-10248.	6.6	29
374	SIR DEREK BARTON'S 80TH BIRTHDAY. , 2000, , 91-96.		0
375	Chemistry, biology and medicine of selected tubulin polymerizing agents. Pure and Applied Chemistry, 1999, 71, 989-997.	0.9	31
376	Nodule-Inducing Activity of Synthetic Sinorhizobium meliloti Nodulation Factors and Related Lipo-Chitooligosaccharides on Alfalfa.Importance of the Acyl Chain Structure1. Plant Physiology, 1999, 120, 83-92.	2.3	47
377	Total synthesis of Epothilone E and related side-chain modified analogues via a stille coupling based strategy1This paper is dedicated with admiration and respect to the memory of Sir Derek H. R. Barton.1. Bioorganic and Medicinal Chemistry, 1999, 7, 665-697.	1.4	84
378	Total Synthesis of Brevetoxin A: Part 1: First Generation Strategy and Construction of BCD Ring System. Chemistry - A European Journal, 1999, 5, 599-617.	1.7	94

#	Article	IF	Citations
379	Total Synthesis of Brevetoxin A: Part 2: Second Generation Strategy and Construction of EFGH Model System. Chemistry - A European Journal, 1999, 5, 618-627.	1.7	68
380	Total Synthesis of Brevetoxin A: Part 3: Construction of GHIJ and BCDE Ring Systems. Chemistry - A European Journal, 1999, 5, 628-645.	1.7	59
381	Total Synthesis of Brevetoxin A: Part 4: Final Stages and Completion. Chemistry - A European Journal, 1999, 5, 646-658.	1.7	91
382	Total Synthesis of Vancomycinâ€"Part 1: Design and Development of Methodology. Chemistry - A European Journal, 1999, 5, 2584-2601.	1.7	164
383	Total Synthesis of Vancomycinâ€"Part 2: Retrosynthetic Analysis, Synthesis of Amino Acid Building Blocks and Strategy Evaluations. Chemistry - A European Journal, 1999, 5, 2602-2621.	1.7	124
384	Total Synthesis of Vancomycinâ€"Part 3: Synthesis of the Aglycon. Chemistry - A European Journal, 1999, 5, 2622-2647.	1.7	87
385	Total Synthesis of Vancomycinâ€"Part 4: Attachment of the Sugar Moieties and Completion of the Synthesis. Chemistry - A European Journal, 1999, 5, 2648-2667.	1.7	104
386	Studies towards Trichodimerol: Novel Cascade Reactions and Polycyclic Frameworks. Chemistry - A European Journal, 1999, 5, 3651-3665.	1.7	49
387	Total Synthesis of Vancomycin. Angewandte Chemie - International Edition, 1999, 38, 240-244.	7.2	150
388	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products. Angewandte Chemie - International Edition, 1999, 38, 270-301.	7.2	519
389	A Novel Route to the Fused Maleic Anhydride Moiety of CP Molecules. Angewandte Chemie - International Edition, 1999, 38, 549-552.	7.2	32
390	Total Synthesis of the CP Molecules CP-263,114 and CP-225,917â€" Part 1: Synthesis of Key Intermediates and Intelligence Gathering. Angewandte Chemie - International Edition, 1999, 38, 1669-1675.	7.2	104
391	Total Synthesis of the CP Molecules CP-225,917 and CP-263,114â€" Part 2: Evolution of the Final Strategy. Angewandte Chemie - International Edition, 1999, 38, 1676-1678.	7.2	85
392	Chemistry, Biology, and Medicine of the Glycopeptide Antibiotics. Angewandte Chemie - International Edition, 1999, 38, 2096-2152.	7.2	664
393	Total Synthesis of Sanglifehrin A. Angewandte Chemie - International Edition, 1999, 38, 2447-2451.	7.2	72
394	Total Synthesis of Everninomicin 13,384-1â€"Part 1: Synthesis of the A1B(A)C Fragment. Angewandte Chemie - International Edition, 1999, 38, 3334-3339.	7.2	39
395	Total Synthesis of Everninomicin 13,384-1â€"Part 2: Synthesis of the FGHA2 Fragment. Angewandte Chemie - International Edition, 1999, 38, 3340-3345.	7.2	47
396	Total Synthesis of Everninomicin 13,384-1â€"Part 3: Synthesis of the DE Fragment and Completion of the Total Synthesis. Angewandte Chemie - International Edition, 1999, 38, 3345-3350.	7.2	29

#	Article	IF	Citations
397	Biomimetic Explorations Towards the Bisorbicillinoids: Total Synthesis of Bisorbicillinol, Bisorbibutenolide, and Trichodimerol. Angewandte Chemie - International Edition, 1999, 38, 3555-3559.	7.2	87
398	Synthesis of 16-desmethylepothilone B: improved methodology for the rapid, highly selective and convergent construction of epothilone B and analogues. Chemical Communications, 1999, , 519-520.	2.2	31
399	Synthesis of the namenamicin Aâ€“C disaccharide: towards the total synthesis of namenamicin. Journal of the Chemical Society Perkin Transactions 1, 1999, , 545-558.	0.9	20
400	The Coral-Derived Natural Products Eleutherobin and Sarcodictyins A and B:Â Effects on the Assembly of Purified Tubulin with and without Microtubule-Associated Proteins and Binding at the Polymer Taxoid Site. Biochemistry, 1999, 38, 5490-5498.	1.2	150
401	Inhibition of Protein Kinases by Balanol: Specificity within the Serine/Threonine Protein Kinase Subfamily. Molecular Pharmacology, 1999, 56, 370-376.	1.0	51
402	New Synthetic Technology for the Synthesis of Hindered Î±-Diazoketones via Acyl Mesylates. Organic Letters, 1999, 1, 883-886.	2.4	43
403	Novel Strategies to Construct the Î³-Hydroxy Lactone Moiety of the CP Molecules. Synthesis of the CP-225,917 Core Skeleton. Organic Letters, 1999, 1, 63-66.	2.4	34
404	A Facile Method for the Solution and Solid-Phase Synthesis of Substituted [3.3.1] Bicycles. Organic Letters, 1999, 1, 807-810.	2.4	92
405	Total Synthesis and Chemical Biology of the Sarcodictyins.. Chemical and Pharmaceutical Bulletin, 1999, 47, 1199-1213.	0.6	46
406	Total Synthesis of Brevetoxin A: Part 2: Second Generation Strategy and Construction of EFGH Model System. , 1999, 5, 618.		2
407	Total Synthesis of Vancomycinâ€”Part 1: Design and Development of Methodology. , 1999, 5, 2584.		1
408	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products. , 1999, 38, 270.		1
409	The Chemistry and Biology of Alkannin, Shikonin, and Related Naphthazarin Natural Products. , 1999, 38, 270.		4
410	Chemistry, Biology, and Medicine of the Glycopeptide Antibiotics. , 1999, 38, 2096.		3
411	The Art and Science of Organic and Natural Products Synthesis. Journal of Chemical Education, 1998, 75, 1225.	1.1	42
412	Total synthesis of brevetoxin A. Nature, 1998, 392, 264-269.	13.7	161
413	Probing the Ring Size of Epothilones: Total Synthesis of [14]-, [15]-, [17]-, and [18]Epothilonesâ€‰A. Angewandte Chemie - International Edition, 1998, 37, 81-84.	7.2	52
414	Total Synthesis of Epothiloneâ€‰E and Analogues with Modified Side Chains through the Stille Coupling Reaction. Angewandte Chemie - International Edition, 1998, 37, 84-87.	7.2	97

#	Article	IF	Citations
415	Concise and Efficient Total Syntheses of Alkannin and Shikonin. Angewandte Chemie - International Edition, 1998, 37, 839-841.	7.2	32
416	Synthesis and Biological Activity of Sarcodictyins. Angewandte Chemie - International Edition, 1998, 37, 1418-1421.	7.2	57
417	Solid-Phase Synthesis of Oligosaccharides: Construction of a Dodecasaccharide. Angewandte Chemie - International Edition, 1998, 37, 1559-1561.	7.2	117
418	Expeditious Routes to Evernitrose and Vancosamine Derivatives and Synthesis of a Model Vancomycin Aryl Glycoside. Angewandte Chemie - International Edition, 1998, 37, 1871-1874.	7.2	49
419	Stereocontrolled Synthesis of the Everninomicin A1B(A)C Ring Framework. Angewandte Chemie - International Edition, 1998, 37, 1874-1876.	7.2	53
420	Chemical Biology of Epothilones. Angewandte Chemie - International Edition, 1998, 37, 2014-2045.	7.2	320
421	Solid-Phase Synthesis of Macrocyclic Systems by a Cyclorelease Strategy: Application of the Stille Coupling to a Synthesis of (S)-Zearalenone. Angewandte Chemie - International Edition, 1998, 37, 2534-2537.	7.2	119
422	Total Synthesis of Vancomycin Aglyconâ€"Part 1: Synthesis of Amino Acids 4-7 and Construction of the AB-COD Ring Skeleton. Angewandte Chemie - International Edition, 1998, 37, 2708-2714.	7.2	139
423	Total Synthesis of Vancomycin Aglyconâ€"Part 2: Synthesis of Amino Acids 1-3 and Construction of the AB-COD-DOE Ring Skeleton. Angewandte Chemie - International Edition, 1998, 37, 2714-2716.	7.2	98
424	Total Synthesis of Vancomycin Aglyconâ€"Part 3: Final Stages. Angewandte Chemie - International Edition, 1998, 37, 2717-2719.	7.2	109
425	Synthesis and biological properties of C12,13-cyclopropylepothilone A and related epothilones. Chemistry and Biology, 1998, 5, 365-372.	6.2	40
426	Design, synthesis and biological evaluation of nonpeptide integrin antagonists. Bioorganic and Medicinal Chemistry, 1998, 6, 1185-1208.	1.4	68
427	Solid and Solution Phase Synthesis and Biological Evaluation of Combinatorial Sarcodictyin Libraries. Journal of the American Chemical Society, 1998, 120, 10814-10826.	6.6	140
428	Total Synthesis of Sarcodictyins A and B. Journal of the American Chemical Society, 1998, 120, 8661-8673.	6.6	101
429	Solution Structure of the Complex between the Head-to-Tail Dimer of Calicheamicin Î³1IOligosaccharide and a DNA Duplex Containing d(ACCT) and d(TCCT) High-Affinity Binding Sites. Journal of the American Chemical Society, 1998, 120, 7183-7191.	6.6	22
430	Total Synthesis of Eleutherobin and Eleuthosides A and B. Journal of the American Chemical Society, 1998, 120, 8674-8680.	6.6	102
431	Solid Phase Synthesis of Macrocycles by an Intramolecular Ketophosphonate Reaction. Synthesis of a (dl)-Muscone Library. Journal of the American Chemical Society, 1998, 120, 5132-5133.	6.6	102
432	Supercoiling affects the accessibility of glutathione to DNA-bound molecules: Positive supercoiling inhibits calicheamicin-induced DNA damage. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 102-107.	3.3	23

#	Article	IF	Citations
433	Solid-Phase Synthesis of Oligosaccharides: Construction of a Dodecasaccharide. , 1998, 37, 1559.		1
434	Chemical Biology of Epothilones. Angewandte Chemie - International Edition, 1998, 37, 2014-2045.	7.2	2
435	Total Synthesis of Vancomycin Aglyconâ€"Part 1: Synthesis of Amino Acids 4â€“7 and Construction of the AB-COD Ring Skeleton. , 1998, 37, 2708.		1
436	Total Synthesis of Vancomycin Aglyconâ€"Part 3: Final Stages. , 1998, 37, 2717.		3
437	Targeted therapy with a novel enediyene antibiotic calicheamicin theta(I)1 effectively suppresses growth and dissemination of liver metastases in a syngeneic model of murine neuroblastoma. Cancer Research, 1998, 58, 2925-8.	0.4	33
438	Synthesis of the Tricyclic Core of Eleutherobin and Sarcodictyins and Total Synthesis of Sarcodictyin A. Journal of the American Chemical Society, 1997, 119, 11353-11354.	6.6	108
439	Total synthesis of 26-hydroxyepothilone B and related analogues. Chemical Communications, 1997, , 2343-2344.	2.2	29
440	Palladium-Catalyzed Functionalization of Lactones via Their Cyclic Ketene Acetal Phosphates. Efficient New Synthetic Technology for the Construction of Medium and Large Cyclic Ethers. Journal of the American Chemical Society, 1997, 119, 5467-5468.	6.6	164
441	New Synthetic Technology for the Construction of 9-Membered Ring Cyclic Ethers. Construction of the EFGH Ring Skeleton of Brevetoxin A. Journal of the American Chemical Society, 1997, 119, 8105-8106.	6.6	40
442	New Synthetic Technology for the Stereocontrolled Construction of 1,1â€˜-Disaccharides and 1,1â€˜:1â€˜â€˜,2-Trisaccharides. Synthesis of the FG Ring System of Everninomicin 13,384-1. Journal of the American Chemical Society, 1997, 119, 9057-9058.	6.6	61
443	A General and Highly Efficient Solid Phase Synthesis of Oligosaccharides. Total Synthesis of a Heptasaccharide Phytoalexin Elicitor (HPE). Journal of the American Chemical Society, 1997, 119, 449-450.	6.6	246
444	New Synthetic Technology for the Synthesis of Aryl Ethers:â€‰ Construction of C-O-D and D-O-E Ring Model Systems of Vancomycin. Journal of the American Chemical Society, 1997, 119, 3421-3422.	6.6	139
445	The Olefin Metathesis Approach to Epothilone A and Its Analogues. Journal of the American Chemical Society, 1997, 119, 7960-7973.	6.6	177
446	Total Syntheses of Epothilones A and B via a Macrolactonization-Based Strategy. Journal of the American Chemical Society, 1997, 119, 7974-7991.	6.6	205
447	Total synthesis of selected natural products. Pure and Applied Chemistry, 1997, 69, 413-418.	0.9	10
448	Synthesis of epothilones A and B in solid and solution phase. Nature, 1997, 387, 268-272.	13.7	412
449	Total Synthesis of Epothilone A: The Olefin Metathesis Approach. Angewandte Chemie International Edition in English, 1997, 36, 166-168.	4.4	220
450	Total Synthesis of Epothilone A: The Macrolactonization Approach. Angewandte Chemie International Edition in English, 1997, 36, 525-527.	4.4	89

#	Article	IF	Citations
451	Synthesis of the Bicyclic Core of CP-225,917 and CP-263,114 by an Intramolecular Dielsâ€“Alder Reaction. Angewandte Chemie International Edition in English, 1997, 36, 1194-1196.	4.4	40
452	New Technology for the Synthesis of Vancomycin-Type Biaryl Ring Systems. Angewandte Chemie International Edition in English, 1997, 36, 1539-1540.	4.4	35
453	Designed Epothilones: Combinatorial Synthesis, Tubulin Assembly Properties, abd Cytotoxic Action against Taxol-Resistant Tumor Cells. Angewandte Chemie International Edition in English, 1997, 36, 2097-2103.	4.4	160
454	Total Synthesis of Eleutherobin. Angewandte Chemie International Edition in English, 1997, 36, 2520-2524.	4.4	100
455	A Novel Approach to the CP-225,917 and CP-263,114 Core. Angewandte Chemie International Edition in English, 1997, 36, 2821-2823.	4.4	45
456	Eine neuartige Strategie zum Aufbau des Vancomycinâ€Biarylringsystems. Angewandte Chemie, 1997, 109, 1551-1552.	1.6	12
457	The Wittig and Related Reactions in Natural Product Synthesis. Liebigs Annalen, 1997, 1997, 1283-1301.	0.8	224
458	The Oxide Anion Accelerated Retroâ€Dielsâ€Alder Reaction. Chemistry - A European Journal, 1997, 3, 187-192.	1.7	29
459	Total Synthesis of Oxazoleâ€•and Cyclopropaneâ€Containing Epothilone A Analogues by the Olefin Metathesis Approach. Chemistry - A European Journal, 1997, 3, 1957-1970.	1.7	36
460	Total Synthesis of Oxazoleâ€•and Cyclopropaneâ€Containing Epothilone B Analogues by the Macrolactonization Approach. Chemistry - A European Journal, 1997, 3, 1971-1986.	1.7	36
461	An Olefin Metathesis Based Strategy for the Construction of the JKL, OPQ, and UVW Ring Systems of Maitotoxin. Journal of the American Chemical Society, 1996, 118, 10335-10336.	6.6	107
462	Solution Structure of the Head-to-Head Dimer of Calicheamicin Oligosaccharide Domain and d(CGTAGGATATCCTACG)2. Journal of the American Chemical Society, 1996, 118, 8817-8824.	6.6	22
463	DNAâ€“Carbohydrate Interactions. Specific Binding of Head-to-Head and Head-to-Tail Dimers of the Calicheamicin Oligosaccharide to Duplex DNA. Journal of the American Chemical Society, 1996, 118, 2303-2304.	6.6	36
464	The Enediyne Antibiotics. Journal of Medicinal Chemistry, 1996, 39, 2103-2117.	2.9	369
465	Total Synthesis of Swinholide A. Journal of the American Chemical Society, 1996, 118, 3059-3060.	6.6	73
466	Olefin Metathesis in Cyclic Ether Formation. Direct Conversion of Olefinic Esters to Cyclic Enol Ethers with Tebbe-Type Reagents. Journal of the American Chemical Society, 1996, 118, 1565-1566.	6.6	197
467	Sequence-selective carbohydrate-DNA interaction: dimeric and monomeric forms of the calicheamicin oligosaccharide interfere with transcription factor function.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 940-944.	3.3	58
468	Synthesis of novel heterocycles related to the dynemicin a ring skeleton. Journal of Heterocyclic Chemistry, 1996, 33, 735-746.	1.4	28

#	Article	IF	Citations
469	Total Synthesis of Swinholide A, Preswinholide A, and Hemiswinholide A. Chemistry - A European Journal, 1996, 2, 847-868.	1.7	108
470	Copper(I)-Promoted Stille Cross-Coupling of Stannyl Enol Ethers with Enol Triflates: Construction of Complex Polyether Frameworks. Angewandte Chemie International Edition in English, 1996, 35, 889-891.	4.4	38
471	Enediyne Generation by a Retro-Dielsâ€“Alder Reaction. Angewandte Chemie International Edition in English, 1996, 35, 1110-1112.	4.4	25
472	Chemistry and Biology of the Zaragozic Acids(Squalestatins). Angewandte Chemie International Edition in English, 1996, 35, 1622-1656.	4.4	105
473	An Approach to Epothilones Based on Olefin Metathesis. Angewandte Chemie International Edition in English, 1996, 35, 2399-2401.	4.4	93
474	Taxoids: New Weapons against Cancer. Scientific American, 1996, 274, 94-98.	1.0	70
475	Chemistry and biology of selected natural products. Pure and Applied Chemistry, 1996, 68, 2129-2136.	0.9	4
476	In Vivo Efficacy of Novel Synthetic Enediynes 1. Acta OncolÃ³gica, 1995, 34, 157-164.	0.8	7
477	Die Eroberung von Taxol. Angewandte Chemie, 1995, 107, 2247-2259.	1.6	26
478	Radiofrequenzâ€verschlÃ¼sselte kombinatorische Chemie. Angewandte Chemie, 1995, 107, 2476-2479.	1.6	59
479	Total Synthesis of Rapamycin. Chemistry - A European Journal, 1995, 1, 318-333.	1.7	107
480	Total Synthesis of Balanol and Designed Analogues. Chemistry - A European Journal, 1995, 1, 454-466.	1.7	67
481	Synthesis of Zaragozic Acid A/Squalestatin S1. Chemistry - A European Journal, 1995, 1, 467-494.	1.7	107
482	DNAâ€“Carbohydrate Recognition: Design and Synthesis of an Eight-Base Sequence-Selective DNA-Binding Oligosaccharide. Angewandte Chemie International Edition in English, 1995, 34, 576-578.	4.4	36
483	The Conquest of Taxol. Angewandte Chemie International Edition in English, 1995, 34, 2079-2090.	4.4	82
484	Radiofrequency Encoded Combinatorial Chemistry. Angewandte Chemie International Edition in English, 1995, 34, 2289-2291.	4.4	276
485	Characterization of a binding site for chemically synthesized lipo-oligosaccharidic NodRm factors in particulate fractions prepared from roots. Plant Journal, 1995, 7, 253-260.	2.8	101
486	Design and synthesis of a rapamycin-based high affinity binding FKBP12 ligand. Chemistry and Biology, 1995, 2, 157-161.	6.2	19

#	Article	IF	Citations
487	Molecular design and biological activity of potent and selective protein kinase inhibitors related to balanol. Chemistry and Biology, 1995, 2, 601-608.	6.2	61
488	The relationship of brevetoxin â€˜lengthâ€™ and A-ring functionality to binding and activity in neuronal sodium channels. Chemistry and Biology, 1995, 2, 533-541.	6.2	106
489	Total Synthesis of Brevetoxin B. 2. Second Generation Strategies and Construction of the Dioxepane Region [DEFG]. Journal of the American Chemical Society, 1995, 117, 10239-10251.	6.6	97
490	Chemical Synthesis and Biological Evaluation of C-2 Taxoids. Journal of the American Chemical Society, 1995, 117, 2409-2420.	6.6	60
491	Total Synthesis of Brevetoxin B. 1. CDEFG Framework. Journal of the American Chemical Society, 1995, 117, 1171-1172.	6.6	99
492	Total Synthesis of Brevetoxin B. 1. First Generation Strategies and New Approaches to Oxepane Systems. Journal of the American Chemical Society, 1995, 117, 10227-10238.	6.6	118
493	Total Synthesis of Taxol. 3. Formation of Taxol's ABC Ring Skeleton. Journal of the American Chemical Society, 1995, 117, 645-652.	6.6	162
494	Total Synthesis of taxol. 2. Construction of A and C ring intermediates and initial attempts to construct the ABC ring system. Journal of the American Chemical Society, 1995, 117, 634-644.	6.6	219
495	Total Synthesis of Taxol. 4. The Final Stages and Completion of the Synthesis. Journal of the American Chemical Society, 1995, 117, 653-659.	6.6	174
496	Total Synthesis of Taxol. 1. Retrosynthesis, Degradation, and Reconstitution. Journal of the American Chemical Society, 1995, 117, 624-633.	6.6	182
497	Total Synthesis of Brevetoxin B. 2. Completion. Journal of the American Chemical Society, 1995, 117, 1173-1174.	6.6	121
498	Total Synthesis of Brevetoxin B. 3. Final Strategy and Completion. Journal of the American Chemical Society, 1995, 117, 10252-10263.	6.6	121
499	Macrocyclic Peptide Inhibitors of Serine Proteases. Convergent Total Synthesis of Cyclotheonamides A and B via a Late-Stage Primary Amine Intermediate. Study of Thrombin Inhibition under Diverse Conditions. Journal of the American Chemical Society, 1995, 117, 1225-1239.	6.6	85
500	Macrocyclic Peptide Inhibitors of Serine Proteases. Convergent Total Synthesis of Cyclotheonamides A and B via a Late-Stage Primary Amine Intermediate. Study of Thrombin Inhibition under Diverse Conditions. [Erratum to document cited in CA122:161323]. Journal of the American Chemical Society, 1995, 117, 5427-5427.	6.6	6
501	Further studies of the binding specificity of the leukocyte adhesion molecule, L-selectin, towards sulphated oligosaccharidesâ€”suggestion of a link between the selectin- and the integrin-mediated lymphocyte adhesion systems. Glycobiology, 1995, 5, 29-38.	1.3	80
502	Studies towards the synthesis of esperamicinone. Tetrahedron, 1994, 50, 11391-11426.	1.0	43
503	Calicheamicin ?1I: A Rationally Designed Molecule with Extremely Potent and Selective DNA Cleaving Properties and Apoptosis Inducing Activity. Angewandte Chemie International Edition in English, 1994, 33, 183-186.	4.4	50
504	Synthesis of the Anthraquinone Framework of Dynemicin A. Angewandte Chemie International Edition in English, 1994, 33, 781-783.	4.4	20

#	Article	IF	Citations
505	Zaragozic Acid A/Squalestatin S1: Synthetic and Retrosynthetic Studies. Angewandte Chemie International Edition in English, 1994, 33, 2184-2187.	4.4	47
506	Synthesis of the First Fully Functionalized Core of the Zaragozic Acids/Squalestatins. Angewandte Chemie International Edition in English, 1994, 33, 2187-2190.	4.4	43
507	Total Synthesis of Zaragozic Acid A/Squalestatin S1. Angewandte Chemie International Edition in English, 1994, 33, 2190-2191.	4.4	59
508	Calicheamicin Î¸: Durch MolekÃ¼ldesign zu einer Verbindung, die DNA selektiv und effizient spaltet und Zelltod auslÃ¶st. Angewandte Chemie, 1994, 106, 195-198.	1.6	10
509	Synthese des AnthrachinongerÃ¼sts von Dynemicin A. Angewandte Chemie, 1994, 106, 790-791.	1.6	1
510	Synthetic calicheamicin mimics with novel initiation mechanisms: DNA cleavage, cytotoxicity, and apoptosis. Chemistry and Biology, 1994, 1, 57-66.	6.2	27
511	Conformation of a water-soluble derivative of taxol in water by 2D-NMR spectroscopy. Chemistry and Biology, 1994, 1, 107-112.	6.2	57
512	Total synthesis of taxol. Nature, 1994, 367, 630-634.	13.7	1,030
513	Chemical self-replication of palindromic duplex DNA. Nature, 1994, 369, 218-221.	13.7	212
514	The Total Synthesis of Paclitaxel by Assembly of the Ring System. ACS Symposium Series, 1994, , 302-312.	0.5	2
515	Total Synthesis of Balanol. Journal of the American Chemical Society, 1994, 116, 8402-8403.	6.6	113
516	Novel chemistry of taxol. Retrosynthetic and synthetic studies. Journal of the Chemical Society Chemical Communications, 1994, , 295.	2.0	28
517	Carbohydrate-Minor Groove Interactions in the Binding of Calicheamicin .gamma.1I to Duplex DNA. Journal of the American Chemical Society, 1994, 116, 3709-3715.	6.6	82
518	Synthesis of Novel Taxoids. Journal of the American Chemical Society, 1994, 116, 1591-1592.	6.6	59
519	Interaction of Calicheamicin with Duplex DNA: Role of the Oligosaccharide Domain and Identification of Multiple Binding Modes. Journal of the American Chemical Society, 1994, 116, 3697-3708.	6.6	107
520	Total Synthesis of Truncated Brevetoxin B [AFGHIJK]. Journal of the American Chemical Society, 1994, 116, 9371-9372.	6.6	29
521	Sulfated blood group Lewis(a). A superior oligosaccharide ligand for human E-selectin. Journal of Biological Chemistry, 1994, 269, 1595-8.	1.6	114
522	Antiproliferative effects of enediynes on AIDS-derived Kaposi's sarcoma cells. Cancer Research, 1994, 54, 4270-3.	0.4	6

#	Article	IF	Citations
523	The Battle of Calicheamicin ?I1. Angewandte Chemie International Edition in English, 1993, 32, 1377-1385.	4.4	109
524	Der Kampf um Calicheamicin Î³**. Angewandte Chemie, 1993, 105, 1462-1471.	1.6	33
525	Design, synthesis and biological activity of protaxols. Nature, 1993, 364, 464-466.	13.7	123
526	Total synthesis of calicheamicin .gamma.1I. 2. Development of an enantioselective route to (-)-calicheamicinone. Journal of the American Chemical Society, 1993, 115, 7612-7624.	6.6	111
527	Molecular design, chemical synthesis, kinetic studies, calculations, and biological studies of novel enediynes equipped with triggering, detection, and deactivating devices. Model dynemicin A epoxide and cis-diol systems. Journal of the American Chemical Society, 1993, 115, 7944-7953.	6.6	94
528	De novo design and synthesis of somatostatin non-peptide peptidomimetics utilizing .beta.-D-glucose as a novel scaffolding. Journal of the American Chemical Society, 1993, 115, 12550-12568.	6.6	275
529	Total synthesis of calicheamicin .gamma.1I. 3. The final stages. Journal of the American Chemical Society, 1993, 115, 7625-7635.	6.6	133
530	Evidence of calcium(2+)-dependent carbohydrate association through ion spray mass spectrometry. Journal of the American Chemical Society, 1993, 115, 2877-2881.	6.6	91
531	Total synthesis of rapamycin. Journal of the American Chemical Society, 1993, 115, 4419-4420.	6.6	211
532	Total synthesis of calicheamicin .gamma.1I. 1. Synthesis of the oligosaccharide fragment. Journal of the American Chemical Society, 1993, 115, 7593-7611.	6.6	143
533	Total synthesis of hemibrevetoxin B and (7a.alpha.)-epi-hemibrevetoxin B. Journal of the American Chemical Society, 1993, 115, 3558-3575.	6.6	117
534	Total synthesis of sulfated Lex and Lea-type oligosaccharide selectin ligands. Journal of the American Chemical Society, 1993, 115, 8843-8844.	6.6	99
535	Sulfur and the Enediyne Antibiotics. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 74, 47-58.	0.8	8
536	Cell-specific regulation of apoptosis by designed enediynes.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 3142-3146.	3.3	48
537	Progress towards the total synthesis of the enediyne anticancer antibiotics. Pure and Applied Chemistry, 1993, 65, 1271-1280.	0.9	8
538	Chemistry and biology of natural and designed enediynes.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 5881-5888.	3.3	248
539	Molecular basis for the inhibition of human alpha-thrombin by the macrocyclic peptide cyclotheonamide A.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 8048-8052.	3.3	112
540	Molecular design, chemical synthesis, and biological action of enediynes. Accounts of Chemical Research, 1992, 25, 497-503.	7.6	236

#	Article	IF	Citations
541	Total synthesis of sialyl dimeric Lex. Journal of the American Chemical Society, 1992, 114, 3126-3128.	6.6	118
542	Designed Enediynes: A New Class of DNA-Cleaving Molecules with Potent and Selective Anticancer Activity. Science, 1992, 256, 1172-1178.	6.0	314
543	Total synthesis of the NodRm-IV factors, the rhizobium nodulation signals. Journal of the American Chemical Society, 1992, 114, 8701-8702.	6.6	86
544	Enantioselective total synthesis of (-)-calicheamicinone. Journal of the American Chemical Society, 1992, 114, 3134-3136.	6.6	80
545	Nonpeptidal peptidomimetics with .beta.-D-glucose scaffolding. A partial somatostatin agonist bearing a close structural relationship to a potent, selective substance P antagonist. Journal of the American Chemical Society, 1992, 114, 9217-9218.	6.6	242
546	DNA-carbohydrate interactions. Specific binding of the calicheamicin .gamma.1I oligosaccharide with duplex DNA. Journal of the American Chemical Society, 1992, 114, 7555-7557.	6.6	99
547	Molecular design and chemical synthesis of potent enediynes. 1. Dynemicin model systems equipped with N-tethered triggering devices. Journal of the American Chemical Society, 1992, 114, 8890-8907.	6.6	79
548	Total synthesis of calicheamicin .gamma.1I. Journal of the American Chemical Society, 1992, 114, 10082-10084.	6.6	118
549	Total synthesis of hemibrevetoxin B. Journal of the American Chemical Society, 1992, 114, 7935-7936.	6.6	79
550	Conformational studies of sialyl Lewis X in aqueous solution. Journal of the American Chemical Society, 1992, 114, 5452-5454.	6.6	61
551	Design, synthesis, and study of simple monocyclic conjugated enediynes. The 10-membered ring enediyne moiety of the enediyne anticancer antibiotics. Journal of the American Chemical Society, 1992, 114, 7360-7371.	6.6	153
552	Molecular design and chemical synthesis of potent enediynes. 2. Dynemicin model systems equipped with C-3 triggering devices and evidence for quinone methide formation in the mechanism of action of dynemicin A. Journal of the American Chemical Society, 1992, 114, 8908-8921.	6.6	91
553	Redox-controlled Bergman cycloaromatizations. Designed enediynes with DNA-cleaving properties and antitumor activity. Journal of the American Chemical Society, 1992, 114, 9279-9282.	6.6	91
554	Total Synthesis of Calicheamicinâ€“Dynemicin Hybrid Molecules. Angewandte Chemie International Edition in English, 1992, 31, 340-342.	4.4	37
555	Total Synthesis of the Carbohydrate Fragments of Esperamicin A1. Angewandte Chemie International Edition in English, 1992, 31, 855-857.	4.4	19
556	Ten-Membered Ring Enediynes with Remarkable Chemical and Biological Profiles. Angewandte Chemie International Edition in English, 1992, 31, 1044-1046.	4.4	43
557	Totalsynthese von Calicheamicinâ€Dynemicinâ€Hybridmolekülen. Angewandte Chemie, 1992, 104, 317-319.	1.6	15
558	Die Totalsynthese der Kohlenhydratbausteine von Esperamicin A₁. Angewandte Chemie, 1992, 104, 926-928.	1.6	5

#	Article	IF	Citations
559	Zehngliedrige cyclische Endiine mit bemerkenswerten chemischen und biologischen Eigenschaften. Angewandte Chemie, 1992, 104, 1094-1096.	1.6	14
560	Lipoxin A4-induced release of thromboxane in the guinea-pig lung: studies of its characteristics using lipoxin A4-methyl ester. Journal of Lipid Mediators, 1992, 5, 205-17.	0.2	2
561	Novel enediynes equipped with triggering and detection devices. Isolation of cis-diol models of the dynemicin a cascade. Journal of the American Chemical Society, 1991, 113, 9878-9880.	6.6	40
562	Synthesis and chemistry of dynemicin A models. Journal of the American Chemical Society, 1991, 113, 3106-3114.	6.6	103
563	Novel Strategies for the Construction of Complex Polycyclic Ether Frameworks. Stereocontrolled Synthesis of the FGHIJ Ring System of Brevetoxin A. Angewandte Chemie International Edition in English, 1991, 30, 299-303.	4.4	60
564	Selectivity and Mechanism of Action of Novel DNA-Cleaving Sulfones. Angewandte Chemie International Edition in English, 1991, 30, 418-420.	4.4	53
565	Synthetic Strategy for the Coupling of the Calicheamicin Oligosaccharide with Aglycons: Synthesis of Dynemicin A-Calicheamicin Hybrid Structures. Angewandte Chemie International Edition in English, 1991, 30, 585-588.	4.4	36
566	Enediyne Compounds Equipped with Acid-, Base- and Photo-Sensitive Triggering Devices. Chemical Simulation of the Dynemicin A Reaction Cascade. Angewandte Chemie International Edition in English, 1991, 30, 1032-1036.	4.4	60
567	Lipoxins and Related Eicosanoids: Biosynthesis, Biological Properties, and Chemical Synthesis. Angewandte Chemie International Edition in English, 1991, 30, 1100-1116.	4.4	100
568	Chemistry and Biology of the Enediyne Anticancer Antibiotics. Angewandte Chemie International Edition in English, 1991, 30, 1387-1416.	4.4	964
569	SelektivitÃt und Wirkungsmechanismus neuer DNAâ€spaltender Sulfone. Angewandte Chemie, 1991, 103, 462-464.	1.6	4
570	Synthesestrategien zur Kupplung des Calicheamicinâ€Oligosaccharids mit Aglyconen; die Synthese von Dynemicinâ€Aâ€Calicheamicinâ€Hybridverbindungen. Angewandte Chemie, 1991, 103, 566-568.	1.6	17
571	Lipoxine und verwandte Eicosanoide: Biosynthese, biologische Eigenschaften und chemische Synthese. Angewandte Chemie, 1991, 103, 1119-1136.	1.6	22
572	Chemie und Biologie von Endiinâ€Cytostatica/Antibiotica. Angewandte Chemie, 1991, 103, 1453-1481.	1.6	292
573	Synthesis of novel oligosaccharides. Pure and Applied Chemistry, 1991, 63, 555-560.	0.9	21
574	Total synthesis of globotriaosylceramide (Gb3) and lysoglobotriaosylceramide (lysoGb3). Carbohydrate Research, 1990, 202, 177-191.	1.1	73
575	Golfomycin A, a Novel Designed Molecule with DNA-Cleaving Properties and Antitumor Activity. Angewandte Chemie International Edition in English, 1990, 29, 1064-1067.	4.4	60
576	Golfomycin A, eine neukonzipierte Verbindung mit DNAâ€Spaltungsâ€•und Antitumorâ€Aktivität. Angewandte Chemie, 1990, 102, 1066-1068.	1.6	16

#	Article	IF	Citations
577	Synthesis of the CD and E ring systems of the calicheamicin Î³1Ioligosaccharide. Journal of the Chemical Society Chemical Communications, 1990, , 1275-1277.	2.0	27
578	Synthesis of dynemicin A models. Journal of the American Chemical Society, 1990, 112, 7416-7418.	6.6	99
579	Dithiatopazine and related systems. Synthesis, chemistry, x-ray crystallographic analysis, and calculations. Journal of the American Chemical Society, 1990, 112, 3029-3039.	6.6	72
580	Total synthesis of the oligosaccharide fragment of calicheamicin .gamma.1I. Journal of the American Chemical Society, 1990, 112, 8193-8195.	6.6	84
581	Novel strategy for the construction of the oligosaccharide fragment of calichemicin .gamma.1.alpha.I. Synthesis of the ABC skeleton. Journal of the American Chemical Society, 1990, 112, 4085-4086.	6.6	62
582	New synthetic strategies for the construction of medium size cyclic ethers. Stereocontrolled synthesis of the BCD ring framework of brevetoxin A. Journal of the American Chemical Society, 1990, 112, 3696-3697.	6.6	57
583	A novel stereocontrolled synthesis of the nonacene ring system of brevetoxin A. Conformational-reactivity effects in 9-membered rings. Journal of the American Chemical Society, 1990, 112, 4988-4989.	6.6	48
584	Total synthesis of the tumor-associated Lex family of glycosphingolipids. Journal of the American Chemical Society, 1990, 112, 3693-3695.	6.6	155
585	DNA-cleavage and antitumor activity of designed molecules with conjugated phosphine oxide-allene-ene-yne functionalities. Journal of the American Chemical Society, 1990, 112, 7825-7826.	6.6	139
586	Bridging of macrodithionolactones to bicyclic systems. Synthesis and modeling of oxapolycyclic frameworks. Journal of the American Chemical Society, 1990, 112, 3040-3054.	6.6	126
587	Identification of Lipoxin A₄and Its Relationship to the Sulfidopeptide Leukotrienes C₄, D₄, and E₄in the Bronchoalveolar Lavage Fluids Obtained from Patients with Selected Pulmonary Diseases. The American Review of Respiratory Disease, 1990, 141, 1453-1458.	2.9	142
588	Synthesis of medium-sized ring ethers from thionolactones. Applications to polyether synthesis. Journal of the American Chemical Society, 1990, 112, 6263-6276.	6.6	121
589	Synthesis of 19,19,20,20,20-pentadeuteriolipoxin A4 methyl ester and 19,19,20,20,20-pentadeuteriarachidonic acid. Agents for use in the quantitative detection of naturally occurring eicosanoids. Journal of Organic Chemistry, 1989, 54, 5522-5527.	1.7	35
590	Stereocontrolled Total Synthesis of (5Z,8Z,10E,12R,14Z)-12-Hydroxy-5,8,10,14-icosatetraenoic Acid [(12R)-HETE]. Synthesis, 1989, 1989, 898-901.	1.2	26
591	Lipoxin A4 causes generation of thromboxane A2 in the guinea-pig lung. Agents and Actions, 1989, 26, 90-92.	0.7	13
592	Pharmacodynamics of lipoxin A4 in airway smooth muscle. Agents and Actions, 1989, 26, 93-95.	0.7	14
593	Lipoxin A₄ inhibits leukotriene B₄,â€induced inflammation in the hamster cheek pouch. Acta Physiologica Scandinavica, 1989, 137, 571-572.	2.3	80
594	Stereokontrollierte Totalsynthese von (5S,6R)â€, (5S,6S)â€, (5R,6R)â€• und (5R,6S)â€• (7E,9E,11Z,14Z)â€5,6â€Dihydroxyâ€7,9,11,14â€icosatetraensÃureâ€(5,6â€DiHETE)methylester. Angewandte Chemie, 1989, 101, 621-623.	1.6	5

#	Article	IF	Citations
595	Eine neue Klasse DNAâ€spaltender Verbindungen: pHâ€abhÃngige DNAâ€Spaltung durch Propargylâ€und Allenylsulfone. Angewandte Chemie, 1989, 101, 1255-1257.	1.6	23
596	Stereocontrolled Total Synthesis of (5S,6R)-, (5S,6S)-, (5R,6R)-, and (5R,6S)(7E,9E,11Z,14Z)-5,6-Dihydroxy-7,9,11,14-icosatetraenoic Acid (5,6-DiHETE) Methyl Esters. Angewandte Chemie International Edition in English, 1989, 28, 587-588.	4.4	35
597	A New Class of DNA-Cleaving Molecules: pH-Dependent DNA Cleavage by Propargylic and Allenic Sulfones. Angewandte Chemie International Edition in English, 1989, 28, 1272-1275.	4.4	75
598	Pheromone blends of green stink bugs and possible parasitoid selection. Die Naturwissenschaften, 1989, 76, 173-175.	0.6	67
599	Cyclizations of hydroxy dithioketals. New synthetic technology for the construction of oxocenes and related medium-ring systems. Journal of the American Chemical Society, 1989, 111, 5321-5330.	6.6	169
600	Differential effects of 20-trifluoromethyl leukotriene B4 on human neutrophil functions. Prostaglandins, 1989, 37, 287-302.	1.2	14
601	Total synthesis of novel geometric isomers of lipoxin A4 and lipoxin B4. Journal of Organic Chemistry, 1989, 54, 5527-5535.	1.7	45
602	Synthetic studies on the dioxepane region of brevetoxin B. New synthetic technology for the construction of oxepanes and synthesis of a model for the CDEF ring skeleton of brevetoxin B. Journal of the American Chemical Society, 1989, 111, 4136-4137.	6.6	102
603	Synthesis of the brevetoxin B IJK ring system. Journal of the American Chemical Society, 1989, 111, 6682-6690.	6.6	101
604	Synthesis of the FG ring system of brevetoxin B. Journal of the American Chemical Society, 1989, 111, 6676-6682.	6.6	49
605	Synthesis of the ABC ring system of brevetoxin B. Journal of the American Chemical Society, 1989, 111, 6666-6675.	6.6	52
606	Activation of 6-endo over 5-exo hydroxy epoxide openings. Stereoselective and ring selective synthesis of tetrahydrofuran and tetrahydropyran systems. Journal of the American Chemical Society, 1989, 111, 5330-5334.	6.6	342
607	Identification of a novel 7-cis-11-trans-lipoxin A4 generated by human neutrophils: total synthesis, spasmogenic activities and comparison with other geometric isomers of lipoxins A4 and B4. Lipids and Lipid Metabolism, 1989, 1003, 44-53.	2.6	26
608	Pharmacologic profile of lipoxins A5 and B5: new biologically active eicosanoids. European Journal of Pharmacology, 1989, 163, 55-60.	1.7	11
609	Lipoxins stimulate prostacyclin generation by human endothelial cells. FEBS Letters, 1989, 245, 167-172.	1.3	80
610	Activation of 7-endo over 6-exo epoxide openings. Synthesis of oxepane and tetrahydropyran systems. Journal of the American Chemical Society, 1989, 111, 5335-5340.	6.6	164
611	Platelet-activating factor (PAF) antagonistic actions of two new analogs of tetrahydrofurans. Journal of Lipid Mediators, 1989, 1, 189-99.	0.2	0
612	Ein photolytischer Zugang zu Oxepansystemen. Angewandte Chemie, 1988, 100, 1413-1415.	1.6	11

#	Article	IF	Citations
613	Methyl 4-Hydroxy-5-iodo-2,3-dimethoxy-6-methylbenzoate: The Aromatic Fragment of Calichemicin ?1?I. Synthesis, X-Ray Crystallographic Analysis, and Properties. Angewandte Chemie International Edition in English, 1988, 27, 1097-1099.	4.4	33
614	A Photolytic Entry into Oxepane Systems. Angewandte Chemie International Edition in English, 1988, 27, 1362-1364.	4.4	22
615	Novel chemistry of dithiatopazine. Journal of the American Chemical Society, 1988, 110, 4868-4869.	6.6	53
616	Total synthesis of amphoteronolide B and amphotericin B. 2. Total synthesis of amphoteronolide B. Journal of the American Chemical Society, 1988, 110, 4685-4696.	6.6	110
617	DNA cleavage by a synthetic mimic of the calicheamicin-esperamicin class of antibiotics. Journal of the American Chemical Society, 1988, 110, 7247-7248.	6.6	125
618	Total synthesis of amphoteronolide B and amphotericin B. 1. Strategy and stereocontrolled construction of key building blocks. Journal of the American Chemical Society, 1988, 110, 4672-4685.	6.6	124
619	A practical and enantioselective synthesis of glycosphingolipids and related compounds. Total synthesis of globotriaosylceramide (Gb3). Journal of the American Chemical Society, 1988, 110, 7910-7912.	6.6	124
620	Total synthesis of amphotericin B. 3. The final stages. Journal of the American Chemical Society, 1988, 110, 4696-4705.	6.6	153
621	Chemistry of amphotericin B. Degradation studies and preparation of amphoteronolide B. Journal of the American Chemical Society, 1988, 110, 4660-4672.	6.6	79
622	Cyclic conjugated enediynes related to calicheamicins and esperamicins: calculations, synthesis, and properties. Journal of the American Chemical Society, 1988, 110, 4866-4868.	6.6	296
623	Preparation and Reactions of Glycosyl Fluorides. ACS Symposium Series, 1988, , 13-28.	0.5	16
624	Lipoxins A4 and B4: comparison of icosanoids having bronchoconstrictor and vasodilator actions but lacking platelet aggregatory activity.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 8340-8344.	3.3	49
625	Dithiatopazine. The first stable 1,2-dithietane. Journal of the American Chemical Society, 1987, 109, 3801-3802.	6.6	63
626	Nucleophilic additions to thionolactones. New synthetic technology for the construction of medium and large ring ethers. Journal of the American Chemical Society, 1987, 109, 2504-2506.	6.6	83
627	Total synthesis of amphoteronolide B. Journal of the American Chemical Society, 1987, 109, 2208-2210.	6.6	42
628	The effects of lipoxin A and lipoxin B on functional responses of human granulocytes. Biochemical and Biophysical Research Communications, 1987, 145, 168-175.	1.0	41
629	The action of Lipoxin-A on glomerular microcirculatory dynamics in the rat. Biochemical and Biophysical Research Communications, 1987, 145, 408-414.	1.0	55
630	Stereocontrolled construction of key building blocks for the total synthesis of amphoteronolide B and amphotericin B. Journal of the American Chemical Society, 1987, 109, 2205-2208.	6.6	38

#	ARTICLE	IF	CITATIONS
631	Total synthesis of amphotericin B. Journal of the American Chemical Society, 1987, 109, 2821-2822.	6.6	65
632	Stereocontrolled Total Synthesis of Lipoxins As and B5. Angewandte Chemie International Edition in English, 1987, 26, 1019-1021.	4.4	24
633	Lipoxin A-induced inhibition of human natural killer cell cytotoxicity: studies on stereospecificity of inhibition and mode of action. Journal of Immunology, 1987, 138, 266-70.	0.4	64
634	Evidence for a 5(6)-epoxytetraene intermediate in the biosynthesis of lipoxins in human leukocytes. FEBS Letters, 1986, 207, 127-132.	1.3	37
635	Stereoselective total synthesis of the presumed biosynthetic precursor to lipoxins A and B: methyl (7E,9E,11Z,13E,5S,6S,15S)-5,6-epoxy-15-hydroxyicosa-7,9,11,13-tetra-enoate and its 5,6-methano analogue. Journal of the Chemical Society Chemical Communications, 1986, , 1816.	2.0	10
636	Bridging of macrocycles to bicycles. New synthetic technology for the construction of cis- and trans-fused oxopolycyclic systems. Journal of the American Chemical Society, 1986, 108, 6800-6802.	6.6	43
637	Synthesis and vascular actions of an arachidonic acid ethylene-diamino-triethyl-ester (AA-EDTA) derivative. Prostaglandins, 1986, 31, 1063-1068.	1.2	2
638	Stereospecific 1,2-migrations in carbohydrates. Stereocontrolled synthesis of .alpha.- and .beta.-2-deoxyglycosides. Journal of the American Chemical Society, 1986, 108, 2466-2467.	6.6	236
639	New synthetic technology for the construction of oxocenes. Journal of the American Chemical Society, 1986, 108, 2468-2469.	6.6	70
640	Coronary vasoactivity of four 7,13-bridged analogs of arachidonic acid. Prostaglandins, Leukotrienes, and Medicine, 1986, 23, 15-19.	0.8	4
641	A General Strategy for the Synthesis of Monohydroxy-eicosatetraenoic Acids: Total Synthesis of 5(S)-Hydroxy-6(E),8,11,14(Z)-eicosatetraenoic Acid (5-HETE) and 12(S)-Hydroxy-5,8,14(Z), 10(E)-eicosatetraenoic Acid (12-HETE). Synthesis, 1986, 1986, 344-347.	1.2	48
642	Stereocontrolled Total Synthesis of Lipoxins B. Synthesis, 1986, 1986, 453-461.	1.2	122
643	Lipoxin A. Stereochemistry and biosynthesis. Journal of Biological Chemistry, 1986, 261, 16340-5.	1.6	130
644	Total synthesis of elfamycins: aurodox and efrotomycin. 1. Strategy and construction of key intermediates. Journal of the American Chemical Society, 1985, 107, 1691-1694.	6.6	145
645	Total synthesis of elfamycins: aurodox and efrotomycin. 2. Coupling of key intermediates and completion of the synthesis. Journal of the American Chemical Society, 1985, 107, 1695-1698.	6.6	54
646	Stereocontrolled total synthesis of lipoxins A. Journal of the American Chemical Society, 1985, 107, 7515-7518.	6.6	148
647	Stereocontrolled total synthesis of (5Z,8Z11Z,13E)(15S)-15-hydroxyeicosa-5,8,11,13-tetraenoic acid (15S-HETE) and analogues. Journal of the Chemical Society Chemical Communications, 1985, , 1580.	2.0	11
648	Total synthesis of ionophore antibiotic X-14547A. Journal of Organic Chemistry, 1985, 50, 1440-1456.	1.7	103

#	Article	IF	Citations
649	Modulation of leukotriene synthesis and actions by synthetic derivatives of arachidonic acid. Prostaglandins, 1985, 29, 765-771.	1.2	11
650	Stereospecific synthesis of rhynchosporosides, a family of fungal metabolites causing scald disease in barley and other grasses. Journal of the American Chemical Society, 1985, 107, 5556-5558.	6.6	87
651	A general and stereocontrolled total synthesis of leukotriene B4 and analogs. Journal of the American Chemical Society, 1984, 106, 3548-3551.	6.6	92
652	The Synthesis and Biology of Fluorinated Prostacyclins. Critical Reviews in Biochemistry, 1984, 15, 201-235.	7.5	29
653	Total synthesis of 5(S),15(S)-dihydroxy-6,13-trans-8,15-cis-eicosatetraenoic acid (5,15-diHETE) and 8(S),15(S)-dihydroxy-5,11-cis-9,13-trans-eicosatetraenoic acid (8,15-DiHETE), two novel metabolites of arachidonic acid. Journal of the American Chemical Society, 1984, 106, 5734-5736.	6.6	65
654	Practical synthesis of oligosaccharides. Partial synthesis of avermectin B1a. Journal of the American Chemical Society, 1984, 106, 4189-4192.	6.6	320
655	Ethanoarachidonic acids. A new class of arachidonic acid cascade modulators. 1. Monoethano compounds. Journal of Organic Chemistry, 1983, 48, 5400-5403.	1.7	32
656	A mild and general method for the synthesis of 0-glycosides. Journal of the American Chemical Society, 1983, 105, 2430-2434.	6.6	270
657	Responsiveness of platelets and coronary arteries from different species to synthetic thromboxane and prostaglandin endoperoxide analogues. British Journal of Pharmacology, 1983, 78, 287-292.	2.7	94
658	5,6-methano leukotriene A4: a potent specific inhibitor for 5-lipoxygenase. Advances in Prostaglandin, Thromboxane, and Leukotriene Research, 1983, 11, 163-7.	0.2	1
659	Carbohydrates in organic synthesis. Synthesis of 16-membered-ring macrolide antibiotics. 5. Total synthesis of O-mycinosyltylonolide: synthesis of key intermediates. Journal of the American Chemical Society, 1982, 104, 2027-2029.	6.6	78
660	The endiandric acid cascade. Electrocyclizations in organic synthesis. I. Stepwise, stereocontrolled total synthesis of endiandric acids A and B. Journal of the American Chemical Society, 1982, 104, 5555-5557.	6.6	201
661	The endiandric acid cascade. Electrocyclizations in organic synthesis. 4. Biomimetic approach to endiandric acids A-G. Total synthesis and thermal studies. Journal of the American Chemical Society, 1982, 104, 5560-5562.	6.6	153
662	Selective inhibition of 5-lipoxygenase by 5,6-methanoleukotriene A4, a stable analogue of leukotriene A4. FEBS Letters, 1982, 143, 13-16.	1.3	33
663	[52] Synthesis of stable thromboxane A2 analogs: Pinane thromboxane A2 (PTA2) and carbocyclic thromboxane A2 (CTA2). Methods in Enzymology, 1982, 86, 400-409.	0.4	4
664	The endiandric acid cascade. Electrocyclizations in organic synthesis. 3. "Biomimetic" approach to endiandric acids A-G. Synthesis of precursors. Journal of the American Chemical Society, 1982, 104, 5558-5560.	6.6	132
665	Anti-thromboxane A2 actions of pinane thromboxane A2 derivatives. Prostaglandins, Leukotrienes, and Medicine, 1982, 9, 503-509.	0.8	3
666	Ionophore antibiotic X-14547A. Degradation studies and stereoselective construction of the "right wing" (C11-C25 fragment) by an intramolecular Diels-Alder reaction. Journal of Organic Chemistry, 1981, 46, 1506-1508.	1.7	37

#	ARTICLE	IF	CITATIONS
667	Organoselenium-based synthesis of oxygen-containing prostacyclins. Journal of the American Chemical Society, 1981, 103, 3480-3485.	6.6	22
668	Synthesis of 16-membered-ring macrolide antibiotics. 4. Carbomycin B and leucomycin A3: total synthesis of cyclic key intermediate. Journal of the American Chemical Society, 1981, 103, 1224-1226.	6.6	83
669	Organoselenium-based synthesis of sulfur-containing prostacyclins. Journal of the American Chemical Society, 1981, 103, 3486-3497.	6.6	25
670	N-Phenylselenophthalimide. A useful reagent for the facile transformation of (1) carboxylic acids into either selenol esters or amides and (2) alcohols into alkyl phenyl selenides. Journal of Organic Chemistry, 1981, 46, 1215-1217.	1.7	99
671	Synthesis of (5Z)- and (5E)-6,9-thiaprostacyclins. Journal of the American Chemical Society, 1981, 103, 3472-3480.	6.6	41
672	Spasmogenic effects of the anti-fertility agent, zoapatanol. Life Sciences, 1981, 28, 2743-2746.	2.0	18
673	Carbocyclic thromboxane A2: Aggrevation of myocardial ischemia by a new synthetic thromboxane A2 analog. Prostaglandins, 1981, 21, 443-456.	1.2	41
674	Synthesis of 16-membered-ring macrolide antibiotics. 3. Carbomycin B and leucomycin A3: retrosynthetic studies. Journal of the American Chemical Society, 1981, 103, 1222-1224.	6.6	57
675	Total synthesis of ionophore antibiotic X-14547A. 1. Enantioselective synthesis of the tetrahydropyran and tetrahydroindan building blocks. Journal of the American Chemical Society, 1981, 103, 6967-6969.	6.6	62
676	Total synthesis of ionophore antibiotic X-14547A. 2. Coupling of the tetrahydropyran and tetrahydroindan systems and construction of the butadienyl and ketopyrrole moieties. Journal of the American Chemical Society, 1981, 103, 6969-6971.	6.6	38
677	Mechanism of coronary vasoconstriction induced by carbocyclic thromboxane A2. American Journal of Physiology - Heart and Circulatory Physiology, 1981, 240, H493-H497.	1.5	18
678	Eine schnelle und ergiebige Synthese des RinggerÃ¼sts von Aphidicolin und Ähnlichen Naturstoffen. Angewandte Chemie, 1981, 93, 811-812.	1.6	1
679	An Expeditious and Efficient Entry into the Aphidicolin and Related Natural Products Ring Skeleton. Angewandte Chemie International Edition in English, 1981, 20, 785-786.	4.4	11
680	Thromboxane synthetase inhibitors differentially antagonize thromboxane receptors in vascular smooth muscle. Naunyn-Schmiedeberg's Archives of Pharmacology, 1981, 318, 130-134.	1.4	11
681	Dissociation of vasoconstrictor and platelet aggregatory activities of thromboxane by carbocyclic thromboxane A2, a stable analog of thromboxane A2.. Proceedings of the National Academy of Sciences of the United States of America, 1980, 77, 1706-1710.	3.3	120
682	Prostacyclin has effects on proximal and distal tubular function in the dog. Prostaglandins, Leukotrienes and Essential Fatty Acids, 1980, 4, 141-146.	1.2	9
683	PGI2-specific antibodies administered suggest against a role for endogenous PGI2 as a circulating vasodepressor hormone in the normotensive and spontaneously hypertensive rat. Prostaglandins, 1980, 20, 1053-1060.	1.2	19
684	Carbocyclic thromboxane A2. Journal of the American Chemical Society, 1980, 102, 1404-1409.	6.6	71

#	Article	IF	Citations
685	Phenylselenoetherification. A highly efficient cyclization process for the synthesis of oxygen- and sulfur-heterocycles. Journal of the American Chemical Society, 1980, 102, 3784-3793.	6.6	126
686	A remarkably simple, highly efficient, and stereoselective synthesis of steroids and other polycyclic systems. Total synthesis of estra-1,3,5(10)-trien-17-one via intramolecular capture of o-quinodimethanes generated by cheletropic elimination of sulfur dioxide. Journal of Organic Chemistry, 1980, 45, 1463-1470.	1.7	110
687	Total synthesis of (.+-.)-zoapatanol. Journal of the American Chemical Society, 1980, 102, 6611-6612.	6.6	62
688	Synthesis of thromboxane A2 analogs. Advances in Prostaglandin and Thromboxane Research, 1980, 6, 481-3.	0.4	2
689	Beneficial actions of a new thromboxane analog in traumatic shock. Advances in Prostaglandin and Thromboxane Research, 1980, 7, 835-8.	0.4	3
690	Protective effects of a novel thromboxane analog in lethal traumatic shock. Prostaglandins, Leukotrienes and Essential Fatty Acids, 1979, 3, 139-145.	1.2	21
691	Copper inhibits pressor responses to noradrenaline but not potassium. Interactions with prostaglandins E₁, E₂, and I₂ and penicillamine. Canadian Journal of Physiology and Pharmacology, 1979, 57, 35-40.	0.7	20
692	N-Phenylselenophthalimide (N-PSP) and N-phenylselenosuccinimide (N-PSS). Two versatile carriers of the phenylseleno group. Oxyselenation of olefins and a selenium-based macrolide synthesis. Journal of the American Chemical Society, 1979, 101, 3704-3706.	6.6	227
693	Prostaglandin synthesis by fetal rat bone in vitro: Evidence for a role of prostacyclin. Prostaglandins, 1979, 17, 905-914.	1.2	148
694	Circulatory and platelet actions of 6,9-Thiaprostacyclin (PGI2-S) in the cat. Life Sciences, 1979, 25, 259-263.	2.0	11
695	Phenylseleno- and phenylsulfenolactonizations. Two highly efficient and synthetically useful cyclization procedures. Journal of the American Chemical Society, 1979, 101, 3884-3893.	6.6	178
696	6,9-Pyridazaprostacyclin and derivatives: the first "aromatic" prostacyclins. Journal of the American Chemical Society, 1979, 101, 766-768.	6.6	33
697	Synthesis of macrocycles by intramolecular ketophosphonate reactions. Stereoselective construction of the "left-wing" of carbomycin B and a synthesis of dl-muscone from oleic acid. Journal of Organic Chemistry, 1979, 44, 4011-4013.	1.7	117
698	Effect of 6,9-thia prostaglandin I2 (a stable PGI2 analogue) on passive cutaneous anaphylaxis (PCA) in rats.. The Japanese Journal of Pharmacology, 1979, 29, 811-813.	1.2	2
699	Synthesis and biological properties of pinane-thromboxane A2, a selective inhibitor of coronary artery constriction, platelet aggregation, and thromboxane formation.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 2566-2570.	3.3	104
700	Selective Binding Site for [3H]Prostacyclin on Platelets. Journal of Clinical Investigation, 1979, 63, 215-220.	3.9	189
701	A triple test for screening biological activity of prostacyclin analogues. Experientia, 1978, 34, 1336-1338.	1.2	11
702	Synthesis of prostaglandin (PGH2) and prospacyclin (PGI2) analogs: tetrathia-PGH2 and PGI2-ketal methyl ester. Prostaglandins, Leukotrienes and Essential Fatty Acids, 1978, 1, 96-97.	1.2	5

#	Article	IF	Citations
703	Synthesis and Biological Properties of Prostaglandin Endoperoxides, Thromboxanes and Prostacyclins. Angewandte Chemie International Edition in English, 1978, 17, 293-312.	4.4	91
704	Synthesen und biologische Eigenschaften von Prostaglandinendoperoxiden, Thromboxanen und Prostacyclinen. Angewandte Chemie, 1978, 90, 360-379.	1.6	32
705	Total synthesis of erythromycins. 4. Total synthesis of erythronolide B. Journal of the American Chemical Society, 1978, 100, 4620-4622.	6.6	157
706	Total synthesis of erythromycins. 3. Stereoselective routes to intermediates corresponding to C(1) to C(9) and C(10) to C(13) fragments of erythronolide B. Journal of the American Chemical Society, 1978, 100, 4618-4620.	6.6	120
707	Total synthesis of carboprostacyclin, a stable and biologically active analogue of prostacyclin (PGI2). Journal of the Chemical Society Chemical Communications, 1978, , 1067.	2.0	45
708	Organoselenium-induced ring closures. Stereoselective synthesis of cyclic .alpha.,.beta.-unsaturated sulfoxides, sulfones, and sulfides and synthesis of 6,9-sulfoxa-5(E)- and -5(Z)-prostacyclin, 6,9-sulfo-5(E)- and -5(Z)-prostacyclin, 6,9-sulfo-6.alpha.- and -6.beta.-4(E)-isoprostacyclin, and 6,9-thiaprostacyclin. Journal of the American Chemical Society, 1978, 100, 2567-2570.	6.6	36
709	Prostaglandins E1, E2 and I2: Evidence for three distinct actions in vascular smooth muscle. Biochemical and Biophysical Research Communications, 1978, 83, 295-299.	1.0	25
710	Effects of prostacyclin on perfusion pressure, electrical activity, rate and force of contraction in isolated rat and rabbit hearts. Life Sciences, 1978, 22, 2079-2085.	2.0	32
711	Prostaglandin I2 has more potent hypotensive properties than prostaglandin E2 in the normal and spontaneously hypertensive rat. Prostaglandins, 1978, 15, 999-1003.	1.2	69
712	Enhanced formation of PGI2, a potent hypotensive substance, by aortic rings and homogenates of the spontaneously hypertensive rat. Prostaglandins, 1978, 15, 1005-1012.	1.2	145
713	Prostaglandin I2 as a potentiator of acute inflammation in rats. Prostaglandins, 1978, 15, 557-564.	1.2	59
714	Studies of the mechanisms involved in the fate of prostacyclin (PGI2) and 06-keto-PGF1Î± in the pulmonary circulation. Prostaglandins, 1978, 16, 871-884.	1.2	49
715	Prostacyclin: a potentially valuable agent for preserving myocardial tissue in acute myocardial ischemia. Science, 1978, 200, 52-54.	6.0	244
716	TOTAL SYNTHESIS OF 14-FLUOROPROSTAGLANDIN F2Î±AND 14-FLUOROPROSTACYCLIN. Chemistry Letters, 1978, 7, 1001-1004.	0.7	9
717	Cardiac and Renal Prostaglandin I2. Journal of Clinical Investigation, 1978, 61, 839-849.	3.9	163
718	Prostaglandin I2 (prostacyclin) inhibits intracellular calcium release [proceedings]. Journal of Physiology, 1978, 276, 40P-41P.	1.3	2
719	6,9-Thiaprostacyclin. A stable and biologically potent analog of prostacyclin (PGI2). Journal of the American Chemical Society, 1977, 99, 7736-7738.	6.6	55
720	A translactonization route to macrocyclic lactones. Journal of the American Chemical Society, 1977, 99, 7359-7360.	6.6	59

#	Article	IF	Citations
721	Phenylselenolactonization. An extremely mild and synthetically useful cyclization process. Journal of the American Chemical Society, 1977, 99, 3185-3187.	6.6	80
722	Stimulation of renin release from rabbit renal cortex by arachidonic acid and prostaglandin endoperoxides.. Circulation Research, 1976, 39, 868-874.	2.0	221
723	Synthesis and biological properties of a 9,11-azo-prostanoid: highly active biochemical mimic of prostaglandin endoperoxides.. Proceedings of the National Academy of Sciences of the United States of America, 1975, 72, 3355-3358.	3.3	113
724	Synthesis of novel macrocyclic lactones in the prostaglandin and polyether antibiotic series. Journal of the American Chemical Society, 1975, 97, 653-654.	6.6	89
725	Synthesis of brefeldin A, carpaine, vertaline, and erythronolide B from nonmacrocyclic precursors. Journal of the American Chemical Society, 1975, 97, 654-655.	6.6	92
726	Total synthesis of (+-)-vermiculine. Journal of the American Chemical Society, 1975, 97, 2287-2288.	6.6	90
727	A short synthetic route to prostaglandins utilizing position-selective epoxide opening by the vinyl gilman reagent. Tetrahedron Letters, 1974, 15, 2439-2440.	0.7	36
728	Additions of chlorosulfonyl isocyanate and sulfenyl halides to benzvalene. Journal of the American Chemical Society, 1974, 96, 1948-1949.	6.6	23
729	Efficient and mild lactonization method for the synthesis of macrolides. Journal of the American Chemical Society, 1974, 96, 5614-5616.	6.6	501
730	Synthesis of 3,4,5,10,11,12-cyclotetradecahexaene-1,8-dione, a monocyclic dicumulenedione. Journal of Organic Chemistry, 1973, 38, 2715-2717.	1.7	8
731	Monocyclic allenes. Synthesis of 3,8,9-cycloundecatriene-1,6-dione and 12-oxabicyclo[7.2.1]dodeca-5,6,9,11-tetraen-3-one, a furanophane containing an allene group. Journal of Organic Chemistry, 1973, 38, 864-868.	1.7	8
732	Diastereomeric monocyclic diallenes. Synthesis and properties of the diastereomeric 3,4,9,10-cyclododecatetraene-1,7-diones and 3,4,10,11-cyclotetradecatetraene-1,8-diones. Journal of the American Chemical Society, 1973, 95, 4582-4592.	6.6	34
733	Total Synthesis Endeavors and Their Contributions to Science and Society:A Personal Account. CCS Chemistry, 0, , 3-37.	4.6	34