## Paul A Wender

List of Publications by Year in descending order

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		5891	11303
231	21,122	81	136
papers	citations	h-index	g-index
262	262	262	14674
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Nanotube Molecular Transporters:  Internalization of Carbon Nanotubeâ^'Protein Conjugates into Mammalian Cells. Journal of the American Chemical Society, 2004, 126, 6850-6851.	6.6	1,284
2	Function-Oriented Synthesis, Step Economy, and Drug Design. Accounts of Chemical Research, 2008, 41, 40-49.	7.6	1,043
3	Conjugation of arginine oligomers to cyclosporin A facilitates topical delivery and inhibition of inflammation. Nature Medicine, 2000, 6, 1253-1257.	15.2	592
4	Role of Membrane Potential and Hydrogen Bonding in the Mechanism of Translocation of Guanidinium-Rich Peptides into Cells. Journal of the American Chemical Society, 2004, 126, 9506-9507.	6.6	545
5	Synthesis at the molecular frontier. Nature, 2009, 460, 197-201.	13.7	489
6	Transition Metal Catalyzed [5 + 2] Cycloadditions of Vinylcyclopropanes and Alkynes: A Homolog of the Diels-Alder Reaction for the Synthesis of Seven-Membered Rings. Journal of the American Chemical Society, 1995, 117, 4720-4721.	6.6	394
7	The design of guanidinium-rich transporters and their internalization mechanisms. Advanced Drug Delivery Reviews, 2008, 60, 452-472.	6.6	371
8	Retrosynthetic Reaction Prediction Using Neural Sequence-to-Sequence Models. ACS Central Science, 2017, 3, 1103-1113.	5.3	308
9	Arginine-Rich Molecular Transporters for Drug Delivery:  Role of Backbone Spacing in Cellular Uptake. Journal of Medicinal Chemistry, 2002, 45, 3612-3618.	2.9	306
10	Fifteen Years of Cell-Penetrating, Guanidinium-Rich Molecular Transporters: Basic Science, Research Tools, and Clinical Applications. Accounts of Chemical Research, 2013, 46, 2944-2954.	7.6	270
11	Adaptive translocation: the role of hydrogen bonding and membrane potential in the uptake of guanidinium-rich transporters into cells. Advanced Drug Delivery Reviews, 2005, 57, 495-504.	6.6	259
12	The Pinene Path to Taxanes. 6. A Concise Stereocontrolled Synthesis of Taxol. Journal of the American Chemical Society, 1997, 119, 2757-2758.	6.6	253
13	Overcoming multidrug resistance of small-molecule therapeutics through conjugation with releasable octaarginine transporters. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12128-12133.	3.3	220
14	Charge-altering releasable transporters (CARTs) for the delivery and release of mRNA in living animals. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E448-E456.	3.3	207
15	New reactions and step economy: the total synthesis of $(\hat{A}\pm)$ -salsolene oxide based on the type II transition metal-catalyzed intramolecular [4+4] cycloaddition. Tetrahedron, 2006, 62, 7505-7511.	1.0	194
16	Introduction:Â Frontiers in Organic Synthesis. Chemical Reviews, 1996, 96, 1-2.	23.0	190
17	The First Formal Asymmetric Synthesis of Phorbol. Journal of the American Chemical Society, 1997, 119, 7897-7898.	6.6	185
18	Toward the ideal synthesis and molecular function through synthesis-informed design. Natural Product Reports, 2014, 31, 433-440.	5.2	185

#	Article	IF	CITATIONS
19	A Computationally Designed Rh(I)-Catalyzed Two-Component [5+2+1] Cycloaddition of Ene-vinylcyclopropanes and CO for the Synthesis of Cyclooctenones. Journal of the American Chemical Society, 2007, 129, 10060-10061.	6.6	184
20	First Studies of the Transition Metal-Catalyzed [5+2] Cycloadditions of Alkenes and Vinylcyclopropanes:Â Scope and Stereochemistry. Journal of the American Chemical Society, 1998, 120, 1940-1941.	6.6	181
21	Asymmetric Catalysis of the [5 + 2] Cycloaddition Reaction of Vinylcyclopropanes and π-Systems. Journal of the American Chemical Society, 2006, 128, 6302-6303.	6.6	180
22	Practical Synthesis of Prostratin, DPP, and Their Analogs, Adjuvant Leads Against Latent HIV. Science, 2008, 320, 649-652.	6.0	176
23	On the Mechanism of [Rh(CO)2Cl]2-Catalyzed Intermolecular (5 + 2) Reactions between Vinylcyclopropanes and Alkynes. Journal of the American Chemical Society, 2004, 126, 9154-9155.	6.6	173
24	Transition Metal-Catalyzed [6+2] Cycloadditions of 2-Vinylcyclobutanones and Alkenes:Â A New Reaction for the Synthesis of Eight-Membered Rings. Journal of the American Chemical Society, 2000, 122, 7815-7816.	6.6	171
25	The First Synthesis of a Daphnane Diterpene:  The Enantiocontrolled Total Synthesis of (+)-Resiniferatoxin. Journal of the American Chemical Society, 1997, 119, 12976-12977.	6.6	170
26	Nickel-catalyzed intramolecular [4 + 4]-cycloadditions: a new method for the synthesis of polycycles containing eight-membered rings. Journal of the American Chemical Society, 1986, 108, 4678-4679.	6.6	168
27	Transition Metal-Catalyzed [5 + 2] Cycloadditions of Allenes and Vinylcyclopropanes:Â First Studies of Endoâ``Exo Selectivity, Chemoselectivity, Relative Stereochemistry, and Chirality Transfer. Journal of the American Chemical Society, 1999, 121, 5348-5349.	6.6	168
28	Transition Metal-Catalyzed Hetero-[5 + 2] Cycloadditions of Cyclopropyl Imines and Alkynes:Â Dihydroazepines from Simple, Readily Available Starting Materials. Journal of the American Chemical Society, 2002, 124, 15154-15155.	6.6	168
29	The Pinene Path to Taxanes. 5. Stereocontrolled Synthesis of a Versatile Taxane Precursor. Journal of the American Chemical Society, 1997, 119, 2755-2756.	6.6	167
30	Three-Component Cycloadditions:Â The First Transition Metal-Catalyzed [5+2+1] Cycloaddition Reactions. Journal of the American Chemical Society, 2002, 124, 2876-2877.	6.6	167
31	Nickel-catalyzed intramolecular [4+4] cycloadditions. 4. Enantioselective total synthesis of (+)-asteriscanolide. Journal of the American Chemical Society, 1988, 110, 5904-5906.	6.6	166
32	Studies on tumor promoters. 9. A second-generation synthesis of phorbol. Journal of the American Chemical Society, 1990, 112, 4956-4958.	6.6	164
33	Transition Metal-Catalyzed Intramolecular [4 + 2] Diene-Allene Cycloadditions: A Convenient Synthesis of Angularly Substituted Ring Systems with Provision for Catalyst-Controlled Chemo- and Stereocomplementarity. Journal of the American Chemical Society, 1995, 117, 1843-1844.	6.6	163
34	Oligocarbamate Molecular Transporters:Â Design, Synthesis, and Biological Evaluation of a New Class of Transporters for Drug Delivery. Journal of the American Chemical Society, 2002, 124, 13382-13383.	6.6	163
35	Enhanced mRNA delivery into lymphocytes enabled by lipid-varied libraries of charge-altering releasable transporters. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5859-E5866.	3.3	162
36	The Practical Synthesis of a Novel and Highly Potent Analogue of Bryostatin. Journal of the American Chemical Society, 2002, 124, 13648-13649.	6.6	159

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37	Transition Metal-Catalyzed Intermolecular [5+2] and [5+2+1] Cycloadditions of Allenes and Vinylcyclopropanes. Journal of the American Chemical Society, 2005, 127, 6530-6531.	6.6	159
38	Designed, synthetically accessible bryostatin analogues potently induce activation of latent HIV reservoirs in vitro. Nature Chemistry, 2012, 4, 705-710.	6.6	152
39	Nickel-catalyzed intramolecular [4 + 2] dienyne cycloadditions: an efficient new method for the synthesis of polycycles containing cyclohexa-1,4-dienes. Journal of the American Chemical Society, 1989, 111, 6432-6434.	6.6	149
40	Multicomponent Cycloadditions:Â The Four-Component [5+1+2+1] Cycloaddition of Vinylcyclopropanes, Alkynes, and CO. Journal of the American Chemical Society, 2005, 127, 2836-2837.	6.6	149
41	The First Intermolecular Transition Metal-Catalyzed [5+2] Cycloadditions with Simple, Unactivated, Vinylcyclopropanes. Journal of the American Chemical Society, 2001, 123, 179-180.	6.6	148
42	The Transition Metal-Catalyzed Intermolecular [5+2] Cycloaddition:Â The Homologous Dielsâ^'Alder Reaction. Journal of the American Chemical Society, 1998, 120, 10976-10977.	6.6	147
43	Origins of Differences in Reactivities of Alkenes, Alkynes, and Allenes in [Rh(CO)2Cl]2-Catalyzed (5 + 2) Cycloaddition Reactions with Vinylcyclopropanes. Journal of the American Chemical Society, 2008, 130, 2378-2379.	6.6	145
44	Studies on tumor promoters. 8. The synthesis of phorbol. Journal of the American Chemical Society, 1989, 111, 8957-8958.	6.6	139
45	Molecular transporters for peptides: delivery of a cardioprotective ϵPKC agonist peptide into cells and intact ischemic heart using a transport system, R7. Chemistry and Biology, 2001, 8, 1123-1129.	6.2	139
46	[(arene)Rh(cod)] Complexes as Catalysts for [5+2] Cycloaddition Reactions. Angewandte Chemie - International Edition, 2002, 41, 4550-4553.	7.2	139
47	Cyclocarboamination of Alkynes with Aziridines: Synthesis of 2,3-Dihydropyrroles by a Catalyzed Formal [3 + 2] Cycloaddition. Journal of the American Chemical Society, 2009, 131, 7528-7529.	6.6	138
48	Cyclopentadienone Synthesis by Rhodium(I)-Catalyzed [3 + 2] Cycloaddition Reactions of Cyclopropenones and Alkynes. Journal of the American Chemical Society, 2006, 128, 14814-14815.	6.6	137
49	Efficient Synthetic Access to a New Family of Highly Potent Bryostatin Analogues via a Prins-Driven Macrocyclization Strategy. Journal of the American Chemical Society, 2008, 130, 6658-6659.	6.6	137
50	Molecular Basis for Protein Kinase C Isozyme-Selective Binding:  The Synthesis, Folding, and Phorbol Ester Binding of the Cysteine-Rich Domains of All Protein Kinase C Isozymes. Journal of the American Chemical Society, 1998, 120, 9159-9167.	6.6	136
51	Releasable Luciferinâ^'Transporter Conjugates:Â Tools for the Real-Time Analysis of Cellular Uptake and Release. Journal of the American Chemical Society, 2006, 128, 6526-6527.	6.6	136
52	Molecular Transporters: Synthesis of Oligoguanidinium Transporters and Their Application to Drug Delivery and Real-Time Imaging. ChemBioChem, 2006, 7, 1497-1515.	1.3	133
53	Highly potent, synthetically accessible prostratin analogs induce latent HIV expression in vitro and ex vivo. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11698-11703.	3.3	130
54	Toward the ideal synthesis. New transition metal-catalyzed reactions inspired by novel medicinal leads. Pure and Applied Chemistry, 2002, 74, 25-31.	0.9	128

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55	Electronic and Steric Control of Regioselectivities in Rh(I)-Catalyzed (5 + 2) Cycloadditions: Experiment and Theory. Journal of the American Chemical Society, 2010, 132, 10127-10135.	6.6	128
56	Rhodium-Catalyzed [5Â+Â2] Cycloadditions of Allenes and Vinylcyclopropanes:Â Asymmetric Total Synthesis of (+)-Dictamnol. Organic Letters, 1999, 1, 137-140.	2.4	127
57	Studies on tumor promoters. 7. The synthesis of a potentially general precursor of the tiglianes, daphnanes, and ingenanes. Journal of the American Chemical Society, 1989, 111, 8954-8957.	6.6	125
58	Transition Metal-Catalyzed [5+2] Cycloadditions with Substituted Cyclopropanes:Â First Studies of Regio- and Stereoselectivity. Journal of the American Chemical Society, 1999, 121, 10442-10443.	6.6	117
59	Total Synthesis of Bryostatin 9. Journal of the American Chemical Society, 2011, 133, 9228-9231.	6.6	117
60	Oligocarbonate Molecular Transporters: Oligomerization-Based Syntheses and Cell-Penetrating Studies. Journal of the American Chemical Society, 2009, 131, 16401-16403.	6.6	112
61	Ligand Effects on Rates and Regioselectivities of Rh(I)-Catalyzed (5 + 2) Cycloadditions: A Computational Study of Cyclooctadiene and Dinaphthocyclooctatetraene as Ligands. Journal of the American Chemical Society, 2012, 134, 11012-11025.	6.6	110
62	A New and Selective Catalyst for the [5 + 2] Cycloaddition of Vinylcyclopropanes and Alkynes. Journal of Organic Chemistry, 1998, 63, 4164-4165.	1.7	109
63	A Metal-Catalyzed Intermolecular [5+2] Cycloaddition/Nazarov Cyclization Sequence and Cascade. Journal of the American Chemical Society, 2010, 132, 2532-2533.	6.6	109
64	A Dual-Function Antibiotic-Transporter Conjugate Exhibits Superior Activity in Sterilizing MRSA Biofilms and Killing Persister Cells. Journal of the American Chemical Society, 2018, 140, 16140-16151.	6.6	109
65	Synthesis of the First Members of a New Class of Biologically Active Bryostatin Analogues. Journal of the American Chemical Society, 1998, 120, 4534-4535.	6.6	108
66	Designed guanidinium-rich amphipathic oligocarbonate molecular transporters complex, deliver and release siRNA in cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13171-13176.	3.3	107
67	Substituent Effects, Reactant Preorganization, and Ligand Exchange Control the Reactivity in Rh <sup>I</sup> â€Catalyzed (5+2) Cycloadditions between Vinylcyclopropanes and Alkynes. Angewandte Chemie - International Edition, 2008, 47, 3939-3941.	7.2	105
68	Molecular dynamics simulations reveal ligand-controlled positioning of a peripheral protein complex in membranes. Nature Communications, 2017, 8, 6.	5.8	103
69	Toward the ideal synthesis and transformative therapies: the roles ofÂstep economy and function oriented synthesis. Tetrahedron, 2013, 69, 7529-7550.	1.0	101
70	Transition Metal Catalyzed Cycloadditions:  An Intramolecular [4 + 4] Cycloaddition Strategy for the Efficient Synthesis of Dicyclopenta[a,d]cyclooctene 5â~'8â~'5 Ring Systems. Journal of Organic Chemistry, 1997, 62, 4908-4909.	1.7	100
71	The first metal-catalyzed intramolecular [5+2] cycloadditions of vinylcyclopropanes and alkenes: Scope, stereochemistry, and asymmetric catalysis. Tetrahedron, 1998, 54, 7203-7220.	1.0	100
72	Late-Stage Intermolecular CH Activation for Lead Diversification:  A Highly Chemoselective Oxyfunctionalization of the C-9 Position of Potent Bryostatin Analogues. Organic Letters, 2005, 7, 79-82.	2.4	97

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73	Design, synthesis, and evaluation of potent bryostatin analogs that modulate PKC translocation selectivity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6721-6726.	3.3	96
74	Reactivity and Chemoselectivity of Allenes in Rh(I)-Catalyzed Intermolecular (5 + 2) Cycloadditions with Vinylcyclopropanes: Allene-Mediated Rhodacycle Formation Can Poison Rh(I)-Catalyzed Cycloadditions. Journal of the American Chemical Society, 2014, 136, 17273-17283.	6.6	96
75	Cell-Penetrating, Guanidinium-Rich Oligophosphoesters: Effective and Versatile Molecular Transporters for Drug and Probe Delivery. Journal of the American Chemical Society, 2016, 138, 3510-3517.	6.6	96
76	Asymmetric Total Synthesis of (+)-Aphanamol I Based on the Transition Metal Catalyzed [5 + 2] Cycloaddition of Allenes and Vinylcyclopropanes. Organic Letters, 2000, 2, 2323-2326.	2.4	94
77	Asymmetric Synthesis of the Tricyclic Core of NGF-Inducing Cyathane Diterpenes via a Transition-Metal-Catalyzed [5 + 2] Cycloaddition. Organic Letters, 2001, 3, 2105-2108.	2.4	94
78	mRNA vaccination with charge-altering releasable transporters elicits human T cell responses and cures established tumors in mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9153-E9161.	3.3	92
79	Total Synthesis of (â^)-Laulimalide. Journal of the American Chemical Society, 2002, 124, 4956-4957.	6.6	91
80	Scalable synthesis of bryostatin 1 and analogs, adjuvant leads against latent HIV. Science, 2017, 358, 218-223.	6.0	86
81	Studies on tumor promoters. 11. A new [5+2] cycloaddition method and its application to the synthesis of BC ring precursors of phorboids. Journal of Organic Chemistry, 1991, 56, 6267-6269.	1.7	85
82	Local Delivery of <i>Ox40l</i> , <i>Cd80</i> , and <i>Cd86</i> mRNA Kindles Global Anticancer Immunity. Cancer Research, 2019, 79, 1624-1634.	0.4	85
83	Effect of Histone Deacetylase Inhibitors on HIV Production in Latently Infected, Resting CD4+ T Cells From Infected Individuals Receiving Effective Antiretroviral Therapy. Journal of Infectious Diseases, 2012, 206, 765-769.	1.9	83
84	Guanidinium Rich Peptide Transporters and Drug Delivery. Current Protein and Peptide Science, 2003, 4, 105-124.	0.7	83
85	Engineering circular RNA for enhanced protein production. Nature Biotechnology, 2023, 41, 262-272.	9.4	83
86	The rational design of potential chemotherapeutic agents: Synthesis of bryostatin analogues. , 1999, 19, 388-407.		82
87	RhI-Catalyzed CC Bond Activation: Seven-Membered Ring Synthesis by a [6+1] Carbonylative Ring-Expansion Reaction of Allenylcyclobutanes. Angewandte Chemie - International Edition, 2006, 45, 3957-3960.	7.2	82
88	Real-time analysis of uptake and bioactivatable cleavage of luciferin-transporter conjugates in transgenic reporter mice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10340-10345.	3.3	82
89	Arginine-Based Molecular Transporters:  The Synthesis and Chemical Evaluation of Releasable Taxol-Transporter Conjugates. Organic Letters, 2003, 5, 3459-3462.	2.4	80
90	A New and Practical Five-Carbon Component for Metal-Catalyzed [5 + 2] Cycloadditions:  Preparative Scale Syntheses of Substituted Cycloheptenones. Organic Letters, 2000, 2, 1609-1611.	2.4	79

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91	Gateway synthesis of daphnane congeners and their protein kinase C affinities and cell-growth activities. Nature Chemistry, 2011, 3, 615-619.	6.6	77
92	Cellular delivery and photochemical release of a caged inositol-pyrophosphate induces PH-domain translocation in cellulo. Nature Communications, 2016, 7, 10622.	5.8	77
93	Transition Metal-Catalyzed Intramolecular [4 + 2] Cycloadditions:  A Novel Method for the Assembly of Nitrogen Heterocycles and Its Application to Yohimban Alkaloid Synthesis. Journal of Organic Chemistry, 1996, 61, 824-825.	1.7	76
94	Transition Metal-Catalyzed [5 + 2] Cycloadditions of 2-Substituted-1-vinylcyclopropanes:Â Catalyst Control and Reversal of Regioselectivity. Organic Letters, 1999, 1, 2089-2092.	2.4	75
95	Synthetic studies on arene-olepin cycloadditions-VII:1 a three-step total synthesis of (±)-silphinene. Tetrahedron Letters, 1985, 26, 2625-2628.	0.7	73
96	In vivo activation of latent HIV with a synthetic bryostatin analog effects both latent cell "kick" and "kill" in strategy for virus eradication. PLoS Pathogens, 2017, 13, e1006575.	2.1	73
97	Rhodium Dinaphthocyclooctatetraene Complexes: Synthesis, Characterization and Catalytic Activity in [5+2] Cycloadditions. Angewandte Chemie - International Edition, 2012, 51, 2736-2740.	7.2	72
98	Microtubule-stabilizing agents based on designed laulimalide analogues. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8803-8808.	3.3	69
99	The Dienyl Pauson–Khand Reaction. Angewandte Chemie - International Edition, 2003, 42, 1853-1857.	7.2	67
100	Vancomycin–Arginine Conjugate Inhibits Growth of Carbapenem-Resistant <i>E. coli</i> and Targets Cell-Wall Synthesis. ACS Chemical Biology, 2019, 14, 2065-2070.	1.6	67
101	Gene Transfer via Reversible Plasmid Condensation with Cysteine-Flanked, Internally Spaced Arginine-Rich Peptides. Human Gene Therapy, 2003, 14, 1225-1233.	1.4	66
102	Rhodium(I)-Catalyzed [2+2+1] Cycloadditions of 1,3-Dienes, Alkenes, and CO. Journal of the American Chemical Society, 2004, 126, 5948-5949.	6.6	66
103	Metal-Catalyzed [2+2+1] Cycloadditions of 1,3-Dienes, Allenes, and CO. Angewandte Chemie - International Edition, 2006, 45, 2459-2462.	7.2	66
104	An Approach to the Site-Selective Diversification of Apoptolidin A with Peptide-Based Catalysts. Journal of Natural Products, 2009, 72, 1864-1869.	1.5	66
105	Intracellular Cargo Delivery by an Octaarginine Transporter Adapted to Target Prostate Cancer Cells through Cell Surface Protease Activation. Bioconjugate Chemistry, 2006, 17, 787-796.	1.8	65
106	A cellular model of Alzheimer's disease therapeutic efficacy: PKC activation reverses Aβ-induced biomarker abnormality on cultured fibroblasts. Neurobiology of Disease, 2009, 34, 332-339.	2.1	64
107	Nickel(0)-Catalyzed [2 + 2 + 2 + 2] Cycloadditions of Terminal Diynes for the Synthesis of Substituted Cyclooctatetraenes. Journal of the American Chemical Society, 2007, 129, 13402-13403.	6.6	63
108	Dendrimeric Molecular Transporters:  Synthesis and Evaluation of Tunable Polyguanidino Dendrimers That Facilitate Cellular Uptake. Organic Letters, 2005, 7, 4815-4818.	2.4	62

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109	Serial [5+2]/[4+2] Cycloadditions: Facile, Preparative, Multi-Component Syntheses of Polycyclic Compounds from Simple, Readily Available Starting Materials. Angewandte Chemie - International Edition, 2001, 40, 3895-3897.	7.2	61
110	Intermolecular Dienyl Pauson–Khand Reaction. Angewandte Chemie - International Edition, 2004, 43, 3076-3079.	7.2	61
111	The Diene Effect: The Design, Development, and Mechanistic Investigation of Metalâ€Catalyzed Dieneâ€yne, Dieneâ€ene, and Dieneâ€allene [2+2+1] Cycloaddition Reactions. European Journal of Organic Chemistry, 2010, 2010, 19-32.	1.2	61
112	Function through Synthesis-Informed Design. Accounts of Chemical Research, 2015, 48, 752-760.	7.6	61
113	Oligo(serine ester) Charge-Altering Releasable Transporters: Organocatalytic Ring-Opening Polymerization and their Use for <i>in Vitro</i> and <i>in Vivo</i> mRNA Delivery. Journal of the American Chemical Society, 2019, 141, 8416-8421.	6.6	61
114	Studies on Oxidopyrylium [5 + 2] Cycloadditions:  Toward a General Synthetic Route to the C12-Hydroxy Daphnetoxins. Organic Letters, 2006, 8, 5373-5376.	2.4	58
115	Bioorthogonal Catalysis: A General Method To Evaluate Metal-Catalyzed Reactions in Real Time in Living Systems Using a Cellular Luciferase Reporter System. Bioconjugate Chemistry, 2016, 27, 376-382.	1.8	58
116	Structural complexity through multicomponent cycloaddition cascades enabled by dual-purpose, reactivity regenerating 1,2,3-triene equivalents. Nature Chemistry, 2014, 6, 448-452.	6.6	57
117	The Design, Synthesis, and Evaluation of C7 Diversified Bryostatin Analogs Reveals a Hot Spot for PKC Affinity. Organic Letters, 2008, 10, 3331-3334.	2.4	56
118	Rhodium(I)-Catalyzed [4+2+2] Cycloadditions of 1,3-Dienes, Alkenes, and Alkynes for the Synthesis of Cyclooctadienes. Journal of the American Chemical Society, 2006, 128, 5354-5355.	6.6	55
119	Bioengineered Vaults: Self-Assembling Protein Shell–Lipophilic Core Nanoparticles for Drug Delivery. ACS Nano, 2014, 8, 7723-7732.	7.3	54
120	Rhodium(I)-Catalyzed [5+2], [6+2], and [5+2+1] Cycloadditions: New Reactions for Organic Synthesis. , 2005, , 263-299.		53
121	The Synthesis of Highly Substituted Cyclooctatetraene Scaffolds by Metalâ€Catalyzed [2+2+2+2] Cycloadditions: Studies on Regioselectivity, Dynamic Properties, and Metal Chelation. Angewandte Chemie - International Edition, 2009, 48, 7687-7690.	7.2	53
122	Cell-Penetrating, Guanidinium-Rich Molecular Transporters for Overcoming Efflux-Mediated Multidrug Resistance. Molecular Pharmaceutics, 2014, 11, 2553-2565.	2.3	53
123	A molecular method for the delivery of small molecules and proteins across the cell wall of algae using molecular transporters. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13225-13230.	3.3	52
124	Isoapoptolidin:  Structure and Activity of the Ring-Expanded Isomer of Apoptolidin. Organic Letters, 2002, 4, 3819-3822.	2.4	50
125	Highly Efficient, Facile, Room Temperature Intermolecular [5 + 2] Cycloadditions Catalyzed by Cationic Rhodium(I): One Step to Cycloheptenes and Their Libraries. Organic Letters, 2010, 12, 1604-1607.	2.4	50
126	An Efficient, Scalable Synthesis of the Molecular Transporter Octaarginine via a Segment Doubling Strategyâ€. Organic Letters, 2001, 3, 3229-3232.	2.4	49

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127	Synthesis and Biological Evaluation of (â^)-Laulimalide Analogues. Organic Letters, 2003, 5, 3507-3509.	2.4	48
128	Function Oriented Synthesis: The Design, Synthesis, PKC Binding and Translocation Activity of a New Bryostatin Analog. Current Drug Discovery Technologies, 2004, 1, 1-11.	0.6	48
129	A proapoptotic signaling pathway involving RasCRP, Erk, and Bim in B cells. Experimental Hematology, 2009, 37, 122-134.e2.	0.2	48
130	Translating Nature's Library: The Bryostatins and Functionâ€Oriented Synthesis. Israel Journal of Chemistry, 2011, 51, 453-472.	1.0	48
131	Beyond cell penetrating peptides: designed molecular transporters. Drug Discovery Today: Technologies, 2012, 9, e49-e55.	4.0	47
132	Synthesis and biological evaluation of fully synthetic bryostatin analogues. Tetrahedron Letters, 1998, 39, 8625-8628.	0.7	46
133	Triazole Photonucleases:  A New Family of Light Activatable DNA Cleaving Agents. Journal of the American Chemical Society, 1996, 118, 6522-6523.	6.6	45
134	Total Synthesis and Initial Biological Evaluation of New B-Ring-Modified Bryostatin Analogs. Organic Letters, 2006, 8, 5299-5302.	2.4	43
135	Function-Oriented Synthesis: Studies Aimed at the Synthesis and Mode of Action of 1α-Alkyldaphnane Analogues. Organic Letters, 2007, 9, 1829-1832.	2.4	43
136	N-Alkoxyimidazolylidene Transition-Metal Complexes:  Application to [5+2] and [4+2] Cycloaddition Reactions. Organometallics, 2007, 26, 4541-4545.	1.1	43
137	Synthesis and biological evaluation of bryostatin analogues: the role of the A-ring. Tetrahedron Letters, 2000, 41, 1007-1011.	0.7	42
138	[(arene)Rh(cod)]+ Complexes as Catalysts for [5+2] Cycloaddition Reactions. Angewandte Chemie, 2002, 114, 4732-4735.	1.6	42
139	Apoptolidins B and C:  Isolation, Structure Determination, and Biological Activity. Organic Letters, 2005, 7, 3025-3028.	2.4	42
140	Laulimalide and Synthetic Laulimalide Analogues Are Synergistic with Paclitaxel and 2-Methoxyestradiol. Molecular Pharmaceutics, 2006, 3, 457-467.	2.3	41
141	A Concise, Selective Synthesis of the Polyketide Spacer Domain of a Potent Bryostatin Analogue. Organic Letters, 2003, 5, 277-279.	2.4	38
142	A New Synthetic Approach to the C Ring of Known as Well as Novel Bryostatin Analogues. Organic Letters, 2003, 5, 4549-4552.	2.4	38
143	Synthesis and biological evaluation of a new class of bryostatin analogues: the role of the C20 substituent in protein kinase C binding. Tetrahedron Letters, 2000, 41, 6725-6729.	0.7	37
144	Reversible RNA acylation for control of CRISPR–Cas9 gene editing. Chemical Science, 2020, 11, 1011-1016.	3.7	37

#	Article	IF	CITATIONS
145	"Picolog,―a Synthetically-Available Bryostatin Analog, Inhibits Growth of MYC-Induced Lymphoma <i>In Vivo</i> . Oncotarget, 2012, 3, 58-66.	0.8	37
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