Paul A Wender

List of Publications by Year in Descending Order

232 papers	18,451 citations	77 h-index	128 g-index
262 ext. papers	19,768 ext. citations	10.7 avg, IF	6.84 L-index

#	Paper	IF	Citations
232	Latency reversal plus natural killer cells diminish HIV reservoir in vivo.. *Nature Communications*, **2022**, 13, 121	17.4	3
231	An mRNA SARS-CoV-2 vaccine employing Charge-Altering Releasable Transporters with a TLR-9 agonist induces neutralizing antibodies and T cell memory **2021**,		3
230	Designed PKC-targeting bryostatin analogs modulate innate immunity and neuroinflammation. *Cell Chemical Biology*, **2021**, 28, 537-545.e4	8.2	2
229	An mRNA SARS-CoV-2 Vaccine Employing Charge-Altering Releasable Transporters with a TLR-9 Agonist Induces Neutralizing Antibodies and T Cell Memory. *ACS Central Science*, **2021**, 7, 1191-1204	16.8	8
228	Targeting of Escherichia coli with Vancomycin-Arginine. *Antimicrobial Agents and Chemotherapy*, **2021**, 65,	5.9	6
227	Prodrugs of PKC modulators show enhanced HIV latency reversal and an expanded therapeutic window. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 10688-10698	11.5	13
226	In Situ Detection of Endogenous HIV Activation by Dynamic Nuclear Polarization NMR and Flow Cytometry. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	8
225	Synthesis and mechanistic investigations of pH-responsive cationic poly(aminoester)s. *Chemical Science*, **2020**, 11, 2951-2966	9.4	8
224	Tracking HIV Rebound following Latency Reversal Using Barcoded HIV. *Cell Reports Medicine*, **2020**, 1, 100162	18	4
223	Bryostatin 1 Promotes Synaptogenesis and Reduces Dendritic Spine Density in Cortical Cultures through a PKC-Dependent Mechanism. *ACS Chemical Neuroscience*, **2020**, 11, 1545-1554	5.7	9
222	Function-Oriented Synthesis: Design, Synthesis, and Evaluation of Highly Simplified Bryostatin Analogues. *Journal of Organic Chemistry*, **2020**, 85, 15116-15128	4.2	5
221	Charge-altering releasable transporters enable phenotypic manipulation of natural killer cells for cancer immunotherapy. *Blood Advances*, **2020**, 4, 4244-4255	7.8	12
220	Clinical Correlates of Human Immunodeficiency Virus-1 (HIV-1) DNA and Inducible HIV-1 RNA Reservoirs in Peripheral Blood in Children With Perinatally Acquired HIV-1 Infection With Sustained Virologic Suppression for at Least 5 Years. *Clinical Infectious Diseases*, **2020**, 70, 859-866	11.6	10
219	Synthesis and evaluation of designed PKC modulators for enhanced cancer immunotherapy. *Nature Communications*, **2020**, 11, 1879	17.4	14
218	Vancomycin-Arginine Conjugate Inhibits Growth of Carbapenem-Resistant and Targets Cell-Wall Synthesis. *ACS Chemical Biology*, **2019**, 14, 2065-2070	4.9	28
217	Synthesis of Modified Nucleoside Oligophosphates Simplified: Fast, Pure, and Protecting Group Free. *Journal of the American Chemical Society*, **2019**, 141, 15013-15017	16.4	14
216	Local Delivery of , , and mRNA Kindles Global Anticancer Immunity. *Cancer Research*, **2019**, 79, 1624-1634	10.1	50

215	A Phosphoramidite Analogue of Cyclotriphosphate Enables Iterative Polyphosphorylations. *Angewandte Chemie - International Edition*, **2019**, 58, 3928-3933	16.4	16
214	A Phosphoramidite Analogue of Cyclotriphosphate Enables Iterative Polyphosphorylations. *Angewandte Chemie*, **2019**, 131, 3968-3973	3.6	5
213	Oligo(serine ester) Charge-Altering Releasable Transporters: Organocatalytic Ring-Opening Polymerization and their Use for in Vitro and in Vivo mRNA Delivery. *Journal of the American Chemical Society*, **2019**, 141, 8416-8421	16.4	34
212	Impact of Treatment Interruption on HIV Reservoirs and Lymphocyte Subsets in Individuals Who Initiated Antiretroviral Therapy During the Early Phase of Infection. *Journal of Infectious Diseases*, **2019**, 220, 270-274	7	7
211	Reversible RNA acylation for control of CRISPR-Cas9 gene editing. *Chemical Science*, **2019**, 11, 1011-1016	9.4	22
210	REDOR NMR Reveals Multiple Conformers for a Protein Kinase C Ligand in a Membrane Environment. *ACS Central Science*, **2018**, 4, 89-96	16.8	24
209	Functional DNA Delivery Enabled by Lipid-Modified Charge-Altering Releasable Transporters (CARTs). *Biomacromolecules*, **2018**, 19, 2812-2824	6.9	19
208	Bryostatin and its synthetic analog, picolog rescue dermal fibroblasts from prolonged stress and contribute to survival and rejuvenation of human skin equivalents. *Journal of Cellular Physiology*, **2018**, 233, 1523-1534	7	3
207	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	11.5	101
206	Delivery of Inorganic Polyphosphate into Cells Using Amphipathic Oligocarbonate Transporters. *ACS Central Science*, **2018**, 4, 1394-1402	16.8	11
205	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	16.4	65
204	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	11.5	60
203	Characterization of designed, synthetically accessible bryostatin analog HIV latency reversing agents. *Virology*, **2018**, 520, 83-93	3.6	26
202	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	11.5	137
201	Molecular dynamics simulations reveal ligand-controlled positioning of a peripheral protein complex in membranes. *Nature Communications*, **2017**, 8, 6	17.4	70
200	Vault Nanoparticles: Chemical Modifications for Imaging and Enhanced Delivery. *ACS Nano*, **2017**, 11, 872-881	16.7	23
199	Scalable synthesis of bryostatin 1 and analogs, adjuvant leads against latent HIV. *Science*, **2017**, 358, 218-223	33.3	64
198	Ynol Ethers as Ketene Equivalents in Rhodium-Catalyzed Intermolecular [5 + 2] Cycloaddition Reactions. *Organic Letters*, **2017**, 19, 5810-5813	6.2	17

197	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	7.6	55
196	Retrosynthetic Reaction Prediction Using Neural Sequence-to-Sequence Models. *ACS Central Science*, **2017**, 3, 1103-1113	16.8	173
195	Combinations of isoform-targeted histone deacetylase inhibitors and bryostatin analogues display remarkable potency to activate latent HIV without global T-cell activation. *Scientific Reports*, **2017**, 7, 7456	4.9	23
194	Cellular delivery and photochemical release of a caged inositol-pyrophosphate induces PH-domain translocation in cellulo. *Nature Communications*, **2016**, 7, 10622	17.4	62
193	Simplified Bryostatin Analogues Protect Cells from Chikungunya Virus-Induced Cell Death. *Journal of Natural Products*, **2016**, 79, 675-9	4.9	16
192	Inhibition of Chikungunya Virus-Induced Cell Death by Salicylate-Derived Bryostatin Analogues Provides Additional Evidence for a PKC-Independent Pathway. *Journal of Natural Products*, **2016**, 79, 680-4	4.9	26
191	Cell-Penetrating, Guanidinium-Rich Oligophosphoesters: Effective and Versatile Molecular Transporters for Drug and Probe Delivery. *Journal of the American Chemical Society*, **2016**, 138, 3510-7	16.4	82
190	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, 376-82	6.3	49
189	Comparative analysis of the anti-chikungunya virus activity of novel bryostatin analogs confirms the existence of a PKC-independent mechanism. *Biochemical Pharmacology*, **2016**, 120, 15-21	6	11
188	Toward a biorelevant structure of protein kinase C bound modulators: design, synthesis, and evaluation of labeled bryostatin analogues for analysis with rotational echo double resonance NMR spectroscopy. *Journal of the American Chemical Society*, **2015**, 137, 3678-85	16.4	24
187	Tetramethyleneethane Equivalents: Recursive Reagents for Serialized Cycloadditions. *Journal of the American Chemical Society*, **2015**, 137, 9088-93	16.4	30
186	Carbonyl(chloro)bis(triphenylphosphine)rhodium(I) **2015**, 1-22		0
185	Function through synthesis-informed design. *Accounts of Chemical Research*, **2015**, 48, 752-60	24.3	54
184	Studies on the regio- and diastereo-selective epoxidation of daphnanes and tiglianes. *Tetrahedron Letters*, **2015**, 56, 3423-3427	2	9
183	Guanidinium-rich, glycerol-derived oligocarbonates: a new class of cell-penetrating molecular transporters that complex, deliver, and release siRNA. *Molecular Pharmaceutics*, **2015**, 12, 742-50	5.6	17
182	Catalytic Efficiency Is a Function of How Rhodium(I) (5 + 2) Catalysts Accommodate a Conserved Substrate Transition State Geometry: Induced Fit Model for Explaining Transition Metal Catalysis. *ACS Catalysis*, **2015**, 5, 1758-1763	13.1	29
181	Rethinking the Role of Natural Products: Function-Oriented Synthesis, Bryostatin, and Bryologs. *Methods and Principles in Medicinal Chemistry*, **2014**, 473-544	0.4	8
180	Structural complexity through multicomponent cycloaddition cascades enabled by dual-purpose, reactivity regenerating 1,2,3-triene equivalents. *Nature Chemistry*, **2014**, 6, 448-52	17.6	53

179	Improved protein kinase C affinity through final step diversification of a simplified salicylate-derived bryostatin analog scaffold. *Organic Letters*, **2014**, 16, 5140-3	6.2	20
178	Cell-penetrating, guanidinium-rich molecular transporters for overcoming efflux-mediated multidrug resistance. *Molecular Pharmaceutics*, **2014**, 11, 2553-65	5.6	44
177	Computer-guided design, synthesis, and protein kinase C affinity of a new salicylate-based class of bryostatin analogs. *Organic Letters*, **2014**, 16, 5136-9	6.2	30
176	Bioengineered vaults: self-assembling protein shell-lipophilic core nanoparticles for drug delivery. *ACS Nano*, **2014**, 8, 7723-32	16.7	49
175	Toward the ideal synthesis and molecular function through synthesis-informed design. *Natural Product Reports*, **2014**, 31, 433-40	15.1	157
174	Propargyltrimethylsilanes as allene equivalents in transition metal-catalyzed [5 + 2] cycloadditions. *Organic Letters*, **2014**, 16, 2923-5	6.2	21
173	Function through bio-inspired, synthesis-informed design: step-economical syntheses of designed kinase inhibitors Dedicated to Max Malacria, a friend and scholar whose science and creative contributions to step-economical synthesis have inspired us all and moved the field closer to the ideal Electronic supplementary information (ESI) available: Synthetic procedures and spectral data. See DOI: 10.1039/c4no00228h Click here for additional data file. *Organic Chemistry Frontiers*, **2014**, 1, 1161-1171	5.2	5
172	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, 17273-83	16.4	88
171	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, 11698-703	11.5	109
170	Toward the Ideal Synthesis and Transformative Therapies: The Roles of Step Economy and Function Oriented Synthesis. *Tetrahedron*, **2013**, 69, 7529-7550	2.4	87
169	Fifteen years of cell-penetrating, guanidinium-rich molecular transporters: basic science, research tools, and clinical applications. *Accounts of Chemical Research*, **2013**, 46, 2944-54	24.3	230
168	Mechanistic and computational studies of exocyclic stereocontrol in the synthesis of bryostatin-like cis-2,6-disubstituted 4-alkylidenetetrahydropyrans by Prins cyclization. *Journal of Organic Chemistry* , **2013**, 78, 104-15	4.2	12
167	Lead Diversification through a Prins-Driven Macrocyclization Strategy: Application to C13-Diversified Bryostatin Analogues. *Synthesis*, **2013**, 45, 1815-1824	2.9	8
166	Taxol-oligoarginine conjugates overcome drug resistance in-vitro in human ovarian carcinoma. *Gynecologic Oncology*, **2012**, 126, 118-23	4.9	23
165	Bryostatin analogue-induced apoptosis in mantle cell lymphoma cell lines. *Experimental Hematology*, **2012**, 40, 646-56.e2	3.1	5
164	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, 11012-25	16.4	106
163	Beyond Cell Penetrating Peptides: Designed Molecular Transporters. *Drug Discovery Today: Technologies*, **2012**, 9, e49-e55	7.1	40
162	Designed, synthetically accessible bryostatin analogues potently induce activation of latent HIV reservoirs in vitro. *Nature Chemistry*, **2012**, 4, 705-10	17.6	131

161	Rhodium Dinaphthocyclooctatetraene Complexes: Synthesis, Characterization and Catalytic Activity in [5+2] Cycloadditions. *Angewandte Chemie*, **2012**, 124, 2790-2794	3.6	17
160	Rhodium dinaphthocyclooctatetraene complexes: synthesis, characterization and catalytic activity in [5+2] cycloadditions. *Angewandte Chemie - International Edition*, **2012**, 51, 2736-40	16.4	64
159	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, 765-9	7	71
158	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, 13225-30	11.5	45
157	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, 13171-6	11.5	99
156	"Picolog," a synthetically-available bryostatin analog, inhibits growth of MYC-induced lymphoma in vivo. *Oncotarget*, **2012**, 3, 58-66	3.3	33
155	Function Oriented Synthesis: Preparation and Initial Biological Evaluation of New A-Ring-Modified Bryologs. *Tetrahedron*, **2011**, 67, 9998-10005	2.4	16
154	Translating Nature's Library: The Bryostatins and Function-Oriented Synthesis. *Israel Journal of Chemistry*, **2011**, 51, 453-472	3.4	47
153	Gateway synthesis of daphnane congeners and their protein kinase C affinities and cell-growth activities. *Nature Chemistry*, **2011**, 3, 615-9	17.6	68
152	Total synthesis of bryostatin 9. *Journal of the American Chemical Society*, **2011**, 133, 9228-31	16.4	112
151	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, 6721-6	11.5	92
150	The Preparation of Cyclohept-4-Enones by Rhodium-Catalyzed Intermolecular [5+2] Cycloaddition **2011**, 109-120		4
149	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, 1604-7	6.2	48
148	Electronic and steric control of regioselectivities in Rh(I)-catalyzed (5 + 2) cycloadditions: experiment and theory. *Journal of the American Chemical Society*, **2010**, 132, 10127-35	16.4	120
147	A metal-catalyzed intermolecular [5+2] cycloaddition/Nazarov cyclization sequence and cascade. *Journal of the American Chemical Society*, **2010**, 132, 2532-3	16.4	103
146	The Diene Effect: The Design, Development, and Mechanistic Investigation of Metal-Catalyzed Diene-yne, Diene-ene, and Diene-allene [2+2+1] Cycloaddition Reactions. *European Journal of Organic Chemistry*, **2010**, 2010, 19-32	3.2	56
145	A cellular model of Alzheimer's disease therapeutic efficacy: PKC activation reverses Abeta-induced biomarker abnormality on cultured fibroblasts. *Neurobiology of Disease*, **2009**, 34, 332-9	7.5	58
144	A proapoptotic signaling pathway involving RasGRP, Erk, and Bim in B cells. *Experimental Hematology*, **2009**, 37, 122-134	3.1	36

143	The synthesis of highly substituted cyclooctatetraene scaffolds by metal-catalyzed [2+2+2+2] cycloadditions: studies on regioselectivity, dynamic properties, and metal chelation. *Angewandte Chemie - International Edition*, **2009**, 48, 7687-90	16.4	49
142	Synthesis at the molecular frontier. *Nature*, **2009**, 460, 197-201	50.4	424
141	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, 7528-9	16.4	125
140	Rhodium(I)-Catalyzed [2+2], [2+2+2], and [2+2+2+2] Cycloadditions of Dienes or Alkynes with a Bis-ene. *Organometallics*, **2009**, 28, 5841-5844	3.8	19
139	An approach to the site-selective diversification of apoptolidin A with peptide-based catalysts. *Journal of Natural Products*, **2009**, 72, 1864-9	4.9	61
138	Oligocarbonate molecular transporters: oligomerization-based syntheses and cell-penetrating studies. *Journal of the American Chemical Society*, **2009**, 131, 16401-3	16.4	108
137	Apoptolidins E and F, new glycosylated macrolactones isolated from Nocardiopsis sp. *Organic Letters*, **2009**, 11, 5474-7	6.2	24
136	The design, synthesis, and evaluation of C7 diversified bryostatin analogs reveals a hot spot for PKC affinity. *Organic Letters*, **2008**, 10, 3331-4	6.2	52
135	Practical synthesis of prostratin, DPP, and their analogs, adjuvant leads against latent HIV. *Science*, **2008**, 320, 649-52	33.3	151
134	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, 12128-33	11.5	196
133	Function-oriented synthesis: biological evaluation of laulimalide analogues derived from a last step cross metathesis diversification strategy. *Molecular Pharmaceutics*, **2008**, 5, 829-38	5.6	24
132	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, 6658-9	16.4	134
131	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, 2378-9	16.4	142
130	Substituent effects, reactant preorganization, and ligand exchange control the reactivity in Rh(I)-catalyzed (5+2) cycloadditions between vinylcyclopropanes and alkynes. *Angewandte Chemie - International Edition*, **2008**, 47, 3939-41	16.4	101
129	Function-oriented synthesis, step economy, and drug design. *Accounts of Chemical Research*, **2008**, 41, 40-9	24.3	931
128	The design of guanidinium-rich transporters and their internalization mechanisms. *Advanced Drug Delivery Reviews*, **2008**, 60, 452-72	18.5	344
127	N-Alkoxyimidazolylidene Transition-Metal Complexes: Application to [5+2] and [4+2] Cycloaddition Reactions. *Organometallics*, **2007**, 26, 4541-4545	3.8	42
126	Isolation, structure determination, and anti-cancer activity of apoptolidin D. *Organic Letters*, **2007**, 9, 691-4	6.2	28

125	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, 10060-1	16.4	172
124	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, 10340-5	11.5	77
123	Function-oriented synthesis: studies aimed at the synthesis and mode of action of 1alpha-alkyldaphnane analogues. *Organic Letters*, **2007**, 9, 1829-32	6.2	39
122	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, 13402-3	16.4	57
121	Molecular transporters: synthesis of oligoguanidinium transporters and their application to drug delivery and real-time imaging. *ChemBioChem*, **2006**, 7, 1497-515	3.8	128
120	Metal-catalyzed [2+2+1] cycloadditions of 1,3-dienes, allenes, and CO. *Angewandte Chemie - International Edition*, **2006**, 45, 2459-62	16.4	62
119	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, 3957-60	16.4	76
118	Metal-Catalyzed [2+2+1] Cycloadditions of 1,3-Dienes, Allenes, and CO. *Angewandte Chemie*, **2006**, 118, 2519-2522	3.6	13
117	RhI-Catalyzed C?C Bond Activation: Seven-Membered Ring Synthesis by a [6+1] Carbonylative Ring-Expansion Reaction of Allenylcyclobutanes. *Angewandte Chemie*, **2006**, 118, 4061-4064	3.6	27
116	Molecular Understanding of Cellular Uptake by Arginine-Rich Cell Penetrating Peptides. *ACS Symposium Series*, **2006**, 166-181	0.4	1
115	Intracellular cargo delivery by an octaarginine transporter adapted to target prostate cancer cells through cell surface protease activation. *Bioconjugate Chemistry*, **2006**, 17, 787-96	6.3	61
114	Asymmetric catalysis of the [5 + 2] cycloaddition reaction of vinylcyclopropanes and pi-systems. *Journal of the American Chemical Society*, **2006**, 128, 6302-3	16.4	173
113	Pharmacophore mapping in the laulimalide series: total synthesis of a vinylogue for a late-stage metathesis diversification strategy. *Organic Letters*, **2006**, 8, 4105-8	6.2	27
112	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, 5354-5	16.4	53
111	Correlation of F0F1-ATPase inhibition and antiproliferative activity of apoptolidin analogues. *Organic Letters*, **2006**, 8, 589-92	6.2	27
110	Total synthesis and biological evaluation of 11-desmethyllaulimalide, a highly potent simplified laulimalide analogue. *Organic Letters*, **2006**, 8, 1507-10	6.2	27
109	Laulimalide and synthetic laulimalide analogues are synergistic with paclitaxel and 2-methoxyestradiol. *Molecular Pharmaceutics*, **2006**, 3, 457-67	5.6	40
108	Design, synthesis, and biological evaluation of a potent, PKC selective, B-ring analog of bryostatin. *Organic Letters*, **2006**, 8, 1893-6	6.2	35

107	Total synthesis and initial biological evaluation of new B-ring-modified bryostatin analogs. *Organic Letters*, **2006**, 8, 5299-302	6.2	42
106	Cyclopentadienone synthesis by rhodium(I)-catalyzed [3 + 2] cycloaddition reactions of cyclopropenones and alkynes. *Journal of the American Chemical Society*, **2006**, 128, 14814-5	16.4	115
105	Synthesis and PKC binding of a new class of a-ring diversifiable bryostatin analogues utilizing a double asymmetric hydrogenation and cross-coupling strategy. *Organic Letters*, **2006**, 8, 4581-4	6.2	35
104	Studies on oxidopyrylium [5+2] cycloadditions: toward a general synthetic route to the C12-hydroxydaphnetoxins. *Organic Letters*, **2006**, 8, 5373-6	6.2	57
103	New reactions and step economy: the total synthesis of (±)-salsolene oxide based on the type II transition metal-catalyzed intramolecular [4+4] cycloaddition. *Tetrahedron*, **2006**, 62, 7505-7511	2.4	177
102	Releasable luciferin-transporter conjugates: tools for the real-time analysis of cellular uptake and release. *Journal of the American Chemical Society*, **2006**, 128, 6526-7	16.4	127
101	Rh(I)-catalyzed cleavage of unactivated C?O bonds ? Carbonylative rearrangement reactions of allenyl ethers to 2-carboalkoxy-1,3-dienes. *Canadian Journal of Chemistry*, **2005**, 83, 838-842	0.9	5
100	Role of the A-ring of bryostatin analogues in PKC binding: synthesis and initial biological evaluation of new A-ring-modified bryologs. *Organic Letters*, **2005**, 7, 1995-8	6.2	24
99	Transition metal-catalyzed intermolecular [5+2] and [5+2+1] cycloadditions of allenes and vinylcyclopropanes. *Journal of the American Chemical Society*, **2005**, 127, 6530-1	16.4	149
98	Identification of a tunable site in bryostatin analogs: C20 Bryologs through late stage diversification. *Organic Letters*, **2005**, 7, 1177-80	6.2	24
97	Apoptolidins B and C: isolation, structure determination, and biological activity. *Organic Letters*, **2005**, 7, 3025-8	6.2	40
96	Dendrimeric molecular transporters: synthesis and evaluation of tunable polyguanidino dendrimers that facilitate cellular uptake. *Organic Letters*, **2005**, 7, 4815-8	6.2	58
95	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	6.2	92
94	Multicomponent cycloadditions: the four-component [5+1+2+1] cycloaddition of vinylcyclopropanes, alkynes, and CO. *Journal of the American Chemical Society*, **2005**, 127, 2836-7	16.4	136
93	Effect of serum and antioxidants on the immunogenicity of protein kinase C-activated chronic lymphocytic leukemia cells. *Journal of Immunotherapy*, **2005**, 28, 28-39	5	20
92	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	18.5	240
91	Rhodium(I)-Catalyzed [5+2], [6+2], and [5+2+1] Cycloadditions: New Reactions for Organic Synthesis **2005**, 263-299		50
90	Function oriented synthesis: the design, synthesis, PKC binding and translocation activity of a new bryostatin analog. *Current Drug Discovery Technologies*, **2004**, 1, 1-11	1.5	47

89	Microtubule-stabilizing agents based on designed laulimalide analogues. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 8803-8	11.5	64
88	Intermolecular dienyl Pauson-Khand reaction. *Angewandte Chemie - International Edition*, **2004**, 43, 3076-8	16.4	52
87	Intermolecular Dienyl Pauson-Khand Reaction. *Angewandte Chemie*, **2004**, 116, 3138-3141	3.6	10
86	Simplified analogs of bryostatin with anticancer activity display greater potency for translocation of PKCdelta-GFP. *Chemistry and Biology*, **2004**, 11, 1261-7		28
85	Rhodium(I)-catalyzed [2+2+1] cycloadditions of 1,3-dienes, alkenes, and CO. *Journal of the American Chemical Society*, **2004**, 126, 5948-9	16.4	58
84	Synthetic bryostatin analogues activate the RasGRP1 signaling pathway. *Journal of Medicinal Chemistry*, **2004**, 47, 6638-44	8.3	23
83	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, 9154-5	16.4	170
82	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, 9506-7	16.4	486
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