

Paul A Wender

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#	Paper	IF	Citations
232	Nanotube molecular transporters: internalization of carbon nanotube-protein conjugates into Mammalian cells. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6850-1	16.4	1198
231	Function-oriented synthesis, step economy, and drug design. <i>Accounts of Chemical Research</i> , 2008 , 41, 40-9	24.3	931
230	Conjugation of arginine oligomers to cyclosporin A facilitates topical delivery and inhibition of inflammation. <i>Nature Medicine</i> , 2000 , 6, 1253-7	50.5	533
229	Role of membrane potential and hydrogen bonding in the mechanism of translocation of guanidinium-rich peptides into cells. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9506-7	16.4	486
228	Synthesis at the molecular frontier. <i>Nature</i> , 2009 , 460, 197-201	50.4	424
227	Transition Metal Catalyzed [5 + 2] Cycloadditions of Vinylcyclopropanes and Alkynes: A Homolog of the Diels-Alder Reaction for the Synthesis of Seven-Membered Rings. <i>Journal of the American Chemical Society</i> , 1995 , 117, 4720-4721	16.4	361
226	The design of guanidinium-rich transporters and their internalization mechanisms. <i>Advanced Drug Delivery Reviews</i> , 2008 , 60, 452-72	18.5	344
225	Arginine-rich molecular transporters for drug delivery: role of backbone spacing in cellular uptake. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 3612-8	8.3	272
224	Adaptive translocation: the role of hydrogen bonding and membrane potential in the uptake of guanidinium-rich transporters into cells. <i>Advanced Drug Delivery Reviews</i> , 2005 , 57, 495-504	18.5	240
223	Fifteen years of cell-penetrating, guanidinium-rich molecular transporters: basic science, research tools, and clinical applications. <i>Accounts of Chemical Research</i> , 2013 , 46, 2944-54	24.3	230
222	The Pinene Path to Taxanes. 6. A Concise Stereocontrolled Synthesis of Taxol. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2757-2758	16.4	220
221	Overcoming multidrug resistance of small-molecule therapeutics through conjugation with releasable octaarginine transporters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 12128-33	11.5	196
220	New reactions and step economy: the total synthesis of (±)-salsolene oxide based on the type II transition metal-catalyzed intramolecular [4+4] cycloaddition. <i>Tetrahedron</i> , 2006 , 62, 7505-7511	2.4	177
219	Retrosynthetic Reaction Prediction Using Neural Sequence-to-Sequence Models. <i>ACS Central Science</i> , 2017 , 3, 1103-1113	16.8	173
218	Asymmetric catalysis of the [5 + 2] cycloaddition reaction of vinylcyclopropanes and pi-systems. <i>Journal of the American Chemical Society</i> , 2006 , 128, 6302-3	16.4	173
217	A computationally designed Rh(I)-catalyzed two-component [5+2+1] cycloaddition of ene-vinylcyclopropanes and CO for the synthesis of cyclooctenones. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10060-1	16.4	172
216	On the mechanism of [Rh(CO)2Cl]2-catalyzed intermolecular (5 + 2) reactions between vinylcyclopropanes and alkynes. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9154-5	16.4	170

215	Introduction: Frontiers in Organic Synthesis. <i>Chemical Reviews</i> , 1996 , 96, 1-2	68.1	170
214	First Studies of the Transition Metal-Catalyzed [5+2] Cycloadditions of Alkenes and Vinylcyclopropanes: Scope and Stereochemistry. <i>Journal of the American Chemical Society</i> , 1998 , 120, 1940-1941	16.4	168
213	The First Formal Asymmetric Synthesis of Phorbol. <i>Journal of the American Chemical Society</i> , 1997 , 119, 7897-7898	16.4	166
212	The First Synthesis of a Daphnane Diterpene: The Enantiocontrolled Total Synthesis of (+)-Resiniferatoxin. <i>Journal of the American Chemical Society</i> , 1997 , 119, 12976-12977	16.4	159
211	Transition Metal-Catalyzed [6+2] Cycloadditions of 2-Vinylcyclobutanones and Alkenes: A New Reaction for the Synthesis of Eight-Membered Rings. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7815-7816	16.4	159
210	Toward the ideal synthesis and molecular function through synthesis-informed design. <i>Natural Product Reports</i> , 2014 , 31, 433-40	15.1	157
209	Transition metal-catalyzed hetero-[5 + 2] cycloadditions of cyclopropyl imines and alkynes: dihydroazepines from simple, readily available starting materials. <i>Journal of the American Chemical Society</i> , 2002 , 124, 15154-5	16.4	155
208	Transition Metal-Catalyzed [5 + 2] Cycloadditions of Allenes and Vinylcyclopropanes: First Studies of Endo-Exo Selectivity, Chemoselectivity, Relative Stereochemistry, and Chirality Transfer. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5348-5349	16.4	153
207	Practical synthesis of prostratin, DPP, and their analogs, adjuvant leads against latent HIV. <i>Science</i> , 2008 , 320, 649-52	33.3	151
206	Transition metal-catalyzed intermolecular [5+2] and [5+2+1] cycloadditions of allenens and vinylcyclopropanes. <i>Journal of the American Chemical Society</i> , 2005 , 127, 6530-1	16.4	149
205	Oligocarbamate molecular transporters: design, synthesis, and biological evaluation of a new class of transporters for drug delivery. <i>Journal of the American Chemical Society</i> , 2002 , 124, 13382-3	16.4	149
204	The practical synthesis of a novel and highly potent analogue of bryostatin. <i>Journal of the American Chemical Society</i> , 2002 , 124, 13648-9	16.4	149
203	Three-component cycloadditions: the first transition metal-catalyzed [5+2+1] cycloaddition reactions. <i>Journal of the American Chemical Society</i> , 2002 , 124, 2876-7	16.4	147
202	Studies on tumor promoters. 9. A second-generation synthesis of phorbol. <i>Journal of the American Chemical Society</i> , 1990 , 112, 4956-4958	16.4	146
201	Nickel-catalyzed intramolecular [4 + 4]-cycloadditions: a new method for the synthesis of polycycles containing eight-membered rings. <i>Journal of the American Chemical Society</i> , 1986 , 108, 4678-4679	16.4	146
200	The Pinene Path to Taxanes. 5. Stereocontrolled Synthesis of a Versatile Taxane Precursor. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2755-2756	16.4	144
199	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. <i>Journal of the American Chemical Society</i> , 1995 , 117, 1843-1844	16.4	144
198	Origins of differences in reactivities of alkenes, alkynes, and allenens in [Rh(CO)2Cl]2-catalyzed (5 + 2) cycloaddition reactions with vinylcyclopropanes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2378-9	16.4	142

- 197 Nickel-catalyzed intramolecular [4+4] cycloadditions. 4. Enantioselective total synthesis of (+)-asteriscanolide. *Journal of the American Chemical Society*, **1988**, 110, 5904-5906 16.4 138
- 196 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
- 195 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
- 194 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
- 193 The first intermolecular transition metal-catalyzed [5+2] cycloadditions with simple, unactivated, vinylcyclopropanes. *Journal of the American Chemical Society*, **2001**, 123, 179-80 16.4 133
- 192 Designed, synthetically accessible bryostatin analogues potently induce activation of latent HIV reservoirs in vitro. *Nature Chemistry*, **2012**, 4, 705-10 17.6 131
- 191 [(arene)Rh(cod)]⁺ Complexes as catalysts for [5+2] cycloaddition reactions. *Angewandte Chemie - International Edition*, **2002**, 41, 4550-3 16.4 129
- 190 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 16.4 129
- 189 Molecular transporters: synthesis of oligoguanidinium transporters and their application to drug delivery and real-time imaging. *ChemBioChem*, **2006**, 7, 1497-515 3.8 128
- 188 The Transition Metal-Catalyzed Intermolecular [5+2] Cycloaddition: The Homologous Diels-Alder Reaction. *Journal of the American Chemical Society*, **1998**, 120, 10976-10977 16.4 128
- 187 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
- 186 Toward the ideal synthesis. New transition metal-catalyzed reactions inspired by novel medicinal leads. *Pure and Applied Chemistry*, **2002**, 74, 25-31 2.1 127
- 185 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
- 184 Molecular transporters for peptides: delivery of a cardioprotective epsilonPKC agonist peptide into cells and intact ischemic heart using a transport system, R(7). *Chemistry and Biology*, **2001**, 8, 1123-9 125
- 183 Studies on tumor promoters. 8. The synthesis of phorbol. *Journal of the American Chemical Society*, **1989**, 111, 8957-8958 16.4 124
- 182 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 16.4 121
- 181 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
- 180 Cyclopentadienone synthesis by rhodium(I)-catalyzed [3 + 2] cycloaddition reactions of cyclopropanones and alkynes. *Journal of the American Chemical Society*, **2006**, 128, 14814-5 16.4 115

179	Rhodium-Catalyzed [5 + 2] Cycloadditions of Allenes and Vinylcyclopropanes: Asymmetric Total Synthesis of (+)-Dictamnol. <i>Organic Letters</i> , 1999 , 1, 137-140	6.2	113
178	Total synthesis of bryostatin 9. <i>Journal of the American Chemical Society</i> , 2011 , 133, 9228-31	16.4	112
177	Studies on tumor promoters. 7. The synthesis of a potentially general precursor of the tiglianes, daphnanes, and ingenanes. <i>Journal of the American Chemical Society</i> , 1989 , 111, 8954-8957	16.4	110
176	Highly potent, synthetically accessible prostratin analogs induce latent HIV expression in vitro and ex vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11698-703	11.5	109
175	Oligocarbonate molecular transporters: oligomerization-based syntheses and cell-penetrating studies. <i>Journal of the American Chemical Society</i> , 2009 , 131, 16401-3	16.4	108
174	Ligand effects on rates and regioselectivities of Rh(I)-catalyzed (5 + 2) cycloadditions: a computational study of cyclooctadiene and dinaphthocyclooctatetraene as ligands. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11012-25	16.4	106
173	A metal-catalyzed intermolecular [5+2] cycloaddition/Nazarov cyclization sequence and cascade. <i>Journal of the American Chemical Society</i> , 2010 , 132, 2532-3	16.4	103
172	Enhanced mRNA delivery into lymphocytes enabled by lipid-varied libraries of charge-altering releasable transporters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5859-E5866	11.5	101
171	Substituent effects, reactant preorganization, and ligand exchange control the reactivity in Rh(I)-catalyzed (5+2) cycloadditions between vinylcyclopropanes and alkynes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3939-41	16.4	101
170	Transition Metal-Catalyzed [5+2] Cycloadditions with Substituted Cyclopropanes: First Studies of Regio- and Stereoselectivity. <i>Journal of the American Chemical Society</i> , 1999 , 121, 10442-10443	16.4	101
169	Designed guanidinium-rich amphipathic oligocarbonate molecular transporters complex, deliver and release siRNA in cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 13171-6	11.5	99
168	Synthesis of the First Members of a New Class of Biologically Active Bryostatin Analogues. <i>Journal of the American Chemical Society</i> , 1998 , 120, 4534-4535	16.4	99
167	A New and Selective Catalyst for the [5 + 2] Cycloaddition of Vinylcyclopropanes and Alkynes. <i>Journal of Organic Chemistry</i> , 1998 , 63, 4164-4165	4.2	97
166	Design, synthesis, and evaluation of potent bryostatin analogs that modulate PKC translocation selectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6721-6	11.5	92
165	Late-stage intermolecular CH activation for lead diversification: a highly chemoselective oxyfunctionalization of the C-9 position of potent bryostatin analogues. <i>Organic Letters</i> , 2005 , 7, 79-82	6.2	92
164	The first metal-catalyzed intramolecular [5+2] cycloadditions of vinylcyclopropanes and alkenes: Scope, stereochemistry, and asymmetric catalysis. <i>Tetrahedron</i> , 1998 , 54, 7203-7220	2.4	89
163	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. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17273-83	16.4	88
162	Toward the Ideal Synthesis and Transformative Therapies: The Roles of Step Economy and Function Oriented Synthesis. <i>Tetrahedron</i> , 2013 , 69, 7529-7550	2.4	87

161	Asymmetric synthesis of the tricyclic core of NGF-inducing cyathane diterpenes via a transition-metal-catalyzed [5 + 2] cycloaddition. <i>Organic Letters</i> , 2001 , 3, 2105-8	6.2	86
160	Transition Metal Catalyzed Cycloadditions: An Intramolecular [4 + 4] Cycloaddition Strategy for the Efficient Synthesis of Dicyclopenta[a,d]cyclooctene 588 Ring Systems. <i>Journal of Organic Chemistry</i> , 1997 , 62, 4908-4909	4.2	85
159	Total synthesis of (-)-laulimalide. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4956-7	16.4	84
158	Asymmetric total synthesis of (+)-aphanamol I based on the transition metal catalyzed [5 + 2] cycloaddition of allenes and vinylcyclopropanes. <i>Organic Letters</i> , 2000 , 2, 2323-6	6.2	83
157	Cell-Penetrating, Guanidinium-Rich Oligophosphoesters: Effective and Versatile Molecular Transporters for Drug and Probe Delivery. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3510-7	16.4	82
156	Real-time analysis of uptake and bioactivatable cleavage of luciferin-transporter conjugates in transgenic reporter mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10340-5	11.5	77
155	Guanidinium rich peptide transporters and drug delivery. <i>Current Protein and Peptide Science</i> , 2003 , 4, 105-24	2.8	77
154	RhI-catalyzed C-C bond activation: seven-membered ring synthesis by a [6+1] carbonylative ring-expansion reaction of allenylcyclobutanes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3957-60	16.4	76
153	Arginine-based molecular transporters: the synthesis and chemical evaluation of releasable taxol-transporter conjugates. <i>Organic Letters</i> , 2003 , 5, 3459-62	6.2	72
152	Effect of histone deacetylase inhibitors on HIV production in latently infected, resting CD4(+) T cells from infected individuals receiving effective antiretroviral therapy. <i>Journal of Infectious Diseases</i> , 2012 , 206, 765-9	7	71
151	Molecular dynamics simulations reveal ligand-controlled positioning of a peripheral protein complex in membranes. <i>Nature Communications</i> , 2017 , 8, 6	17.4	70
150	The rational design of potential chemotherapeutic agents: synthesis of bryostatin analogues. <i>Medicinal Research Reviews</i> , 1999 , 19, 388-407	14.4	69
149	Studies on tumor promoters. 11. A new [5+2] cycloaddition method and its application to the synthesis of BC ring precursors of phorboids. <i>Journal of Organic Chemistry</i> , 1991 , 56, 6267-6269	4.2	69
148	Gateway synthesis of daphnane congeners and their protein kinase C affinities and cell-growth activities. <i>Nature Chemistry</i> , 2011 , 3, 615-9	17.6	68
147	A new and practical five-carbon component for metal-catalyzed. <i>Organic Letters</i> , 2000 , 2, 1609-11	6.2	68
146	Transition Metal-Catalyzed [5 + 2] Cycloadditions of 2-Substituted-1-vinylcyclopropanes: Catalyst Control and Reversal of Regioselectivity. <i>Organic Letters</i> , 1999 , 1, 2089-2092	6.2	67
145	Synthetic studies on arene-olepin cycloadditions-VII:1 a three-step total synthesis of (±)-silphinene. <i>Tetrahedron Letters</i> , 1985 , 26, 2625-2628	2	65
144	A Dual-Function Antibiotic-Transporter Conjugate Exhibits Superior Activity in Sterilizing MRSA Biofilms and Killing Persister Cells. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16140-16151	16.4	65

143	Scalable synthesis of bryostatin 1 and analogs, adjuvant leads against latent HIV. <i>Science</i> , 2017 , 358, 218-223	39.3	64
142	Rhodium dinaphthocyclooctatetraene complexes: synthesis, characterization and catalytic activity in [5+2] cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2736-40	16.4	64
141	Microtubule-stabilizing agents based on designed laulimalide analogues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8803-8	11.5	64
140	Transition Metal-Catalyzed Intramolecular [4 + 2] Cycloadditions: A Novel Method for the Assembly of Nitrogen Heterocycles and Its Application to Yohimban Alkaloid Synthesis. <i>Journal of Organic Chemistry</i> , 1996 , 61, 824-825	4.2	64
139	Cellular delivery and photochemical release of a caged inositol-pyrophosphate induces PH-domain translocation in cellulose. <i>Nature Communications</i> , 2016 , 7, 10622	17.4	62
138	Metal-catalyzed [2+2+1] cycloadditions of 1,3-dienes, allenes, and CO. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2459-62	16.4	62
137	An approach to the site-selective diversification of apoptolidin A with peptide-based catalysts. <i>Journal of Natural Products</i> , 2009 , 72, 1864-9	4.9	61
136	Intracellular cargo delivery by an octaarginine transporter adapted to target prostate cancer cells through cell surface protease activation. <i>Bioconjugate Chemistry</i> , 2006 , 17, 787-96	6.3	61
135	Gene transfer via reversible plasmid condensation with cysteine-flanked, internally spaced arginine-rich peptides. <i>Human Gene Therapy</i> , 2003 , 14, 1225-33	4.8	60
134	mRNA vaccination with charge-altering releasable transporters elicits human T cell responses and cures established tumors in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E9153-E9161	11.5	60
133	The dienyl Pauson-Khand reaction. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 1853-7	16.4	59
132	A cellular model of Alzheimer's disease therapeutic efficacy: PKC activation reverses A β -induced biomarker abnormality on cultured fibroblasts. <i>Neurobiology of Disease</i> , 2009 , 34, 332-9	7.5	58
131	Dendrimeric molecular transporters: synthesis and evaluation of tunable polyguanidino dendrimers that facilitate cellular uptake. <i>Organic Letters</i> , 2005 , 7, 4815-8	6.2	58
130	Rhodium(I)-catalyzed [2+2+1] cycloadditions of 1,3-dienes, alkenes, and CO. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5948-9	16.4	58
129	Nickel(0)-catalyzed [2 + 2 + 2 + 2] cycloadditions of terminal diynes for the synthesis of substituted cyclooctatetraenes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 13402-3	16.4	57
128	Studies on oxidopyrylium [5+2] cycloadditions: toward a general synthetic route to the C12-hydroxydaphnetoxins. <i>Organic Letters</i> , 2006 , 8, 5373-6	6.2	57
127	The Diene Effect: The Design, Development, and Mechanistic Investigation of Metal-Catalyzed Diene-yne, Diene-ene, and Diene-allene [2+2+1] Cycloaddition Reactions. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 19-32	3.2	56
126	In vivo activation of latent HIV with a synthetic bryostatin analog effects both latent cell "kick" and "kill" in strategy for virus eradication. <i>PLoS Pathogens</i> , 2017 , 13, e1006575	7.6	55

125	Serial [5+2]/[4+2] Cycloadditions: Facile, Preparative, Multi-Component Syntheses of Polycyclic Compounds from Simple, Readily Available Starting Materials. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3895-3897	16.4	55
124	Function through synthesis-informed design. <i>Accounts of Chemical Research</i> , 2015 , 48, 752-60	24.3	54
123	Structural complexity through multicomponent cycloaddition cascades enabled by dual-purpose, reactivity regenerating 1,2,3-triene equivalents. <i>Nature Chemistry</i> , 2014 , 6, 448-52	17.6	53
122	Rhodium(I)-catalyzed [4+2+2] cycloadditions of 1,3-dienes, alkenes, and alkynes for the synthesis of cyclooctadienes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 5354-5	16.4	53
121	The design, synthesis, and evaluation of C7 diversified bryostatin analogs reveals a hot spot for PKC affinity. <i>Organic Letters</i> , 2008 , 10, 3331-4	6.2	52
120	Intermolecular dienyl Pauson-Khand reaction. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 3076-8	16.4	52
119	Local Delivery of , , and mRNA Kindles Global Anticancer Immunity. <i>Cancer Research</i> , 2019 , 79, 1624-1634	10.1	50
118	Rhodium(I)-Catalyzed [5+2], [6+2], and [5+2+1] Cycloadditions: New Reactions for Organic Synthesis 2005 , 263-299		50
117	Bioorthogonal Catalysis: A General Method To Evaluate Metal-Catalyzed Reactions in Real Time in Living Systems Using a Cellular Luciferase Reporter System. <i>Bioconjugate Chemistry</i> , 2016 , 27, 376-82	6.3	49
116	Bioengineered vaults: self-assembling protein shell-lipophilic core nanoparticles for drug delivery. <i>ACS Nano</i> , 2014 , 8, 7723-32	16.7	49
115	The synthesis of highly substituted cyclooctatetraene scaffolds by metal-catalyzed [2+2+2+2] cycloadditions: studies on regioselectivity, dynamic properties, and metal chelation. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7687-90	16.4	49
114	Highly efficient, facile, room temperature intermolecular [5 + 2] cycloadditions catalyzed by cationic rhodium(I): one step to cycloheptenes and their libraries. <i>Organic Letters</i> , 2010 , 12, 1604-7	6.2	48
113	Synthesis and biological evaluation of (-)-laurimalide analogues. <i>Organic Letters</i> , 2003 , 5, 3507-9	6.2	48
112	Translating Nature's Library: The Bryostatins and Function-Oriented Synthesis. <i>Israel Journal of Chemistry</i> , 2011 , 51, 453-472	3.4	47
111	Function oriented synthesis: the design, synthesis, PKC binding and translocation activity of a new bryostatin analog. <i>Current Drug Discovery Technologies</i> , 2004 , 1, 1-11	1.5	47
110	A molecular method for the delivery of small molecules and proteins across the cell wall of algae using molecular transporters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 13225-30	11.5	45
109	Isoapoptolidin: structure and activity of the ring-expanded isomer of apoptolidin. <i>Organic Letters</i> , 2002 , 4, 3819-22	6.2	45
108	Cell-penetrating, guanidinium-rich molecular transporters for overcoming efflux-mediated multidrug resistance. <i>Molecular Pharmaceutics</i> , 2014 , 11, 2553-65	5.6	44

107	N-Alkoxyimidazolylidene Transition-Metal Complexes: Application to [5+2] and [4+2] Cycloaddition Reactions. <i>Organometallics</i> , 2007 , 26, 4541-4545	3.8	42
106	Total synthesis and initial biological evaluation of new B-ring-modified bryostatin analogs. <i>Organic Letters</i> , 2006 , 8, 5299-302	6.2	42
105	An efficient, scalable synthesis of the molecular transporter octaarginine via a segment doubling strategy. <i>Organic Letters</i> , 2001 , 3, 3229-32	6.2	42
104	Synthesis and biological evaluation of fully synthetic bryostatin analogues. <i>Tetrahedron Letters</i> , 1998 , 39, 8625-8628	2	41
103	Beyond Cell Penetrating Peptides: Designed Molecular Transporters. <i>Drug Discovery Today: Technologies</i> , 2012 , 9, e49-e55	7.1	40
102	Apoptolidins B and C: isolation, structure determination, and biological activity. <i>Organic Letters</i> , 2005 , 7, 3025-8	6.2	40
101	Laulimalide and synthetic laulimalide analogues are synergistic with paclitaxel and 2-methoxyestradiol. <i>Molecular Pharmaceutics</i> , 2006 , 3, 457-67	5.6	40
100	Triazole Photonucleases: A New Family of Light Activatable DNA Cleaving Agents. <i>Journal of the American Chemical Society</i> , 1996 , 118, 6522-6523	16.4	40
99	Function-oriented synthesis: studies aimed at the synthesis and mode of action of 1 α -alkylidaphnane analogues. <i>Organic Letters</i> , 2007 , 9, 1829-32	6.2	39
98	[(arene)Rh(cod)] ⁺ Complexes as Catalysts for [5+2] Cycloaddition Reactions. <i>Angewandte Chemie</i> , 2002 , 114, 4732-4735	3.6	38
97	Synthesis and biological evaluation of bryostatin analogues: the role of the A-ring. <i>Tetrahedron Letters</i> , 2000 , 41, 1007-1011	2	38
96	A concise, selective synthesis of the polyketide spacer domain of a potent bryostatin analogue. <i>Organic Letters</i> , 2003 , 5, 277-9	6.2	37
95	A proapoptotic signaling pathway involving RasGRP, Erk, and Bim in B cells. <i>Experimental Hematology</i> , 2009 , 37, 122-134	3.1	36
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