

# Jerome Waser

## List of Publications by Citations

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174  
papers

8,897  
citations

54  
h-index

90  
g-index

246  
ext. papers

10,226  
ext. citations

8.2  
avg, IF

7.04  
L-index

#	Paper	IF	Citations
174	Direct alkynylation of indole and pyrrole heterocycles. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9346-9	16.4	359
173	Electrophilic alkynylation: the dark side of acetylene chemistry. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 4165-89	16.4	319
172	Hydrazines and azides via the metal-catalyzed hydrohydrazination and hydroazidation of olefins. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 11693-712	16.4	312
171	Cyclic Hypervalent Iodine Reagents for Atom-Transfer Reactions: Beyond Trifluoromethylation. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 4436-54	16.4	268
170	Benziodoxole-based hypervalent iodine reagents for atom-transfer reactions. <i>Chemical Communications</i> , <b>2011</b> , 47, 102-15	5.8	265
169	Cyclization and annulation reactions of nitrogen-substituted cyclopropanes and cyclobutanes. <i>Chemical Communications</i> , <b>2014</b> , 50, 10912-28	5.8	211
168	Cobalt-catalyzed hydroazidation of olefins: convenient access to alkyl azides. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 8294-5	16.4	195
167	Direct alkynylation of thiophenes: cooperative activation of TIPS-EBX with gold and Brønsted acids. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 7304-7	16.4	178
166	Room-temperature decarboxylative alkynylation of carboxylic acids using photoredox catalysis and EBX reagents. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 11200-4	16.4	166
165	Gold-catalyzed regioselective synthesis of 2- and 3-alkynyl furans. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 6743-7	16.4	162
164	Fast and highly chemoselective alkynylation of thiols with hypervalent iodine reagents enabled through a low energy barrier concerted mechanism. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16563-73	16.4	157
163	Ethynyl-1,2-benziodoxol-3(1H)-one (EBX): an exceptional reagent for the ethynylation of keto, cyano, and nitro esters. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 9457-61	4.8	145
162	A palladium-catalyzed aminoalkynylation strategy towards bicyclic heterocycles: synthesis of (E)-trachelanthamide. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4680-3	16.4	141
161	Catalytic selective cyclizations of aminocyclopropanes: formal synthesis of aspido-permidine and total synthesis of goniomitine. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5767-70	16.4	139
160	Convenient synthesis of alkylhydrazides by the cobalt-catalyzed hydrohydrazination reaction of olefins and azodicarboxylates. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 5676-7	16.4	138
159	Ethynyl benziodoxolones for the direct alkynylation of heterocycles: structural requirement, improved procedure for pyrroles, and insights into the mechanism. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 5655-66	4.8	135
158	Catalytic [3+2] annulation of aminocyclopropanes for the enantiospecific synthesis of cyclopentylamines. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 12075-9	16.4	135

157	Pd-catalyzed intramolecular oxyalkynylation of alkenes with hypervalent iodine. <i>Organic Letters</i> , <b>2010</b> , 12, 384-7	6.2	130
156	Azidation of $\beta$ -keto esters and silyl enol ethers with a benziodoxole reagent. <i>Organic Letters</i> , <b>2013</b> , 15, 3246-9	6.2	128
155	Dynamic kinetic asymmetric [3 + 2] annulation reactions of aminocyclopropanes. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 6239-42	16.4	120
154	A highly chemoselective and practical alkynylation of thiols. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 9620-3	16.4	120
153	C2-selective direct alkynylation of indoles. <i>Organic Letters</i> , <b>2013</b> , 15, 112-5	6.2	117
152	Cyclic Hypervalent Iodine Reagents: Enabling Tools for Bond Disconnection via Reactivity Umpolung. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 3212-3225	24.3	117
151	Fine-tuned organic photoredox catalysts for fragmentation-alkynylation cascades of cyclic oxime ethers. <i>Chemical Science</i> , <b>2018</b> , 9, 5883-5889	9.4	117
150	One-pot, three-component arylalkynyl sulfone synthesis. <i>Organic Letters</i> , <b>2015</b> , 17, 736-9	6.2	116
149	Room temperature decarboxylative cyanation of carboxylic acids using photoredox catalysis and cyanobenziodoxolones: a divergent mechanism compared to alkynylation. <i>Chemical Science</i> , <b>2017</b> , 8, 1790-1800	9.4	110
148	Catalytic hydrohydrazination of a wide range of alkenes with a simple mn complex. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 4099-102	16.4	108
147	Catalytic Enantioselective Ring-Opening Reactions of Cyclopropanes. <i>Chemical Reviews</i> , <b>2021</b> , 121, 227-268	26.1	105
146	Para-selective gold-catalyzed direct alkynylation of anilines. <i>Organic Letters</i> , <b>2012</b> , 14, 744-7	6.2	104
145	Iron-catalyzed [3 + 2] annulation of aminocyclopropanes with aldehydes: stereoselective synthesis of aminotetrahydrofurans. <i>Organic Letters</i> , <b>2012</b> , 14, 386-9	6.2	100
144	Cyclische hypervalente Iodreagentien für Atomtransferreaktionen jenseits der Trifluormethylierung. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 4512-4531	3.6	99
143	Total synthesis of (-)-pseudolaric acid B. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 16424-34	16.4	98
142	Proteome-Wide Profiling of Targets of Cysteine reactive Small Molecules by Using Ethynyl Benziodoxolone Reagents. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 10852-7	16.4	97
141	Catalytic Friedel-Crafts reaction of aminocyclopropanes. <i>Organic Letters</i> , <b>2013</b> , 15, 3738-41	6.2	95
140	Catalytic enantiospecific [3+2] annulation of aminocyclopropanes with ketones. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 4844-9	4.8	94

139	Ethynylbenziodoxolones (EBX) as Reagents for the Ethynylation of Stabilized Enolates. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 1631-1639	5.6	92
138	Copper-Catalyzed Oxy-Alkynylation of Diazo Compounds with Hypervalent Iodine Reagents. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 2190-3	16.4	91
137	Synthesis of (carbo)nucleoside analogues by [3+2] annulation of aminocyclopropanes. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 8484-7	16.4	86
136	Total synthesis of (-)-pseudolaric acid B. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 14556-7	16.4	86
135	Cobalt-catalyzed hydrohydrazination of dienes and enynes: access to allylic and propargylic hydrazides. <i>Organic Letters</i> , <b>2005</b> , 7, 4249-52	6.2	75
134	Cyclization and Cycloaddition Reactions of Cyclopropyl Carbonyls and Imines. <i>Synthesis</i> , <b>2009</b> , 2009, 3353-3374	16.4	74
133	Synthesis of aminocyclobutanes by iron-catalyzed [2+2] cycloaddition. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 9009-13	16.4	72
132	Pd(0)-catalyzed oxy- and aminoalkynylation of olefins for the synthesis of tetrahydrofurans and pyrrolidines. <i>Organic Letters</i> , <b>2011</b> , 13, 6324-7	6.2	70
131	General and practical formation of thiocyanates from thiols. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 2662-8	4.8	69
130	C-Terminal Bioconjugation of Peptides through Photoredox Catalyzed Decarboxylative Alkynylation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8182-8186	16.4	66
129	Dearomatization of electron poor six-membered N-heterocycles through [3 + 2] annulation with aminocyclopropanes. <i>Chemical Science</i> , <b>2017</b> , 8, 7112-7118	9.4	66
128	Direct Alkynylation of Thiophenes: Cooperative Activation of TIPSEBX with Gold and Brønsted Acids. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 7462-7465	3.6	66
127	Formal homo-Nazarov and other cyclization reactions of activated cyclopropanes. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 14527-38	4.8	65
126	One-pot gold-catalyzed synthesis of 3-silylethynyl indoles from unprotected o-alkynylanilines. <i>Beilstein Journal of Organic Chemistry</i> , <b>2011</b> , 7, 565-9	2.5	64
125	Gold-Catalyzed Regioselective Synthesis of 2- and 3-Alkynyl Furans. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 6875-6879	16.4	60
124	Platinum-catalyzed domino reaction with benziodoxole reagents for accessing benzene-alkynylated indoles. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 5438-42	16.4	57
123	Room-Temperature Decarboxylative Alkynylation of Carboxylic Acids Using Photoredox Catalysis and EBX Reagents. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 11352-11356	3.6	57
122	Lewis Acid Catalyzed Enantioselective Desymmetrization of Donor-Acceptor meso-Diaminocyclopropanes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 5120-5123	16.4	56

121	Catalytic formal Homo-Nazarov cyclization. <i>Organic Letters</i> , <b>2009</b> , 11, 1023-6	6.2	55
120	Enantioselective Copper-Catalyzed Oxy-Alkynylation of Diazo Compounds. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 8420-8423	16.4	54
119	Divergent Reactivity of Thioalkynes in Lewis Acid Catalyzed Annulations with Donor-Acceptor Cyclopropanes. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 11997-2001	4.8	53
118	Doubly Orthogonal Labeling of Peptides and Proteins. <i>Chem</i> , <b>2019</b> , 5, 2243-2263	16.2	53
117	Cyclic Hypervalent Iodine Reagents for Azidation: Safer Reagents and Photoredox-Catalyzed Ring Expansion. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 12334-12356	4.2	53
116	Benziodoxol(on)e Reagents as Tools in Organic Synthesis: The Background behind the Discovery at the Laboratory of Catalysis and Organic Synthesis. <i>Synlett</i> , <b>2016</b> , 27, 2761-2773	2.2	52
115	Room temperature alkynylation of H-phosphi(na)tes and secondary phosphine oxides with ethynylbenziodoxolone (EBX) reagents. <i>Chemical Communications</i> , <b>2014</b> , 50, 12923-6	5.8	52
114	Asymmetric Organocatalysis Meets Hypervalent Iodine Chemistry for the $\alpha$ -Functionalization of Carbonyl Compounds. <i>ChemCatChem</i> , <b>2012</b> , 4, 955-958	5.2	51
113	Catalytic [3+2] Annulation of Aminocyclopropanes for the Enantiospecific Synthesis of Cyclopentylamines. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 12281-12285	3.6	51
112	Catalytic Selective Cyclizations of Aminocyclopropanes: Formal Synthesis of Aspidospermidine and Total Synthesis of Goniomitine. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 5903-5906	3.6	49
111	Pd(0)-catalyzed alkene oxy- and aminoalkynylation with aliphatic bromoacetylenes. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 3783-801	4.2	46
110	Enantioselective Synthesis of Homoallylic Azides and Nitriles via Palladium-Catalyzed Decarboxylative Allylation. <i>Organic Letters</i> , <b>2015</b> , 17, 5832-5	6.2	45
109	Zinc-gold cooperative catalysis for the direct alkynylation of benzofurans. <i>Beilstein Journal of Organic Chemistry</i> , <b>2013</b> , 9, 1763-7	2.5	44
108	Alkynylation of Thiols with Ethynylbenziodoxolone (EBX) Reagents: $\beta$ - or $\alpha$ -Addition?. <i>Organic Letters</i> , <b>2016</b> , 18, 60-3	6.2	43
107	A Palladium-Catalyzed Aminoalkynylation Strategy towards Bicyclic Heterocycles: Synthesis of ( $\beta$ )-Trachelanthamidine. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4776-4779	3.6	42
106	1-Alkynyltriazenes as Functional Analogues of Ynamides. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 13393-6	16.4	41
105	Total synthesis and biological evaluation of jerantinine E. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 13373-6	16.4	40
104	Gold-catalyzed direct alkynylation of tryptophan in peptides using TIPS-EBX. <i>Beilstein Journal of Organic Chemistry</i> , <b>2016</b> , 12, 745-9	2.5	39

103	Stereoselective synthesis of alkyl-, aryl-, vinyl- and alkynyl-substituted -enamides and enol ethers. <i>Chemical Science</i> , <b>2019</b> , 10, 3223-3230	9.4	37
102	Palladium-catalyzed vicinal amino alcohols synthesis from allyl amines by in situ tether formation and carboetherification. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 5250-4	16.4	36
101	Cyclic hypervalent iodine reagents and iron catalysts: the winning team for late-stage C-H azidation. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 5290-2	16.4	35
100	Alkynylation with Hypervalent Iodine Reagents. <i>Topics in Current Chemistry</i> , <b>2016</b> , 373, 187-222		34
99	Synthesis of 1-[(Triisopropylsilyl)ethynyl]-1 <i>B</i> ,2-benziodoxol-3(1 <i>H</i> )-one and Alkynylation of Indoles, Thiophenes, and Anilines. <i>Synthesis</i> , <b>2012</b> , 44, 1155-1158	2.9	34
98	Alkynylation of radicals: spotlight on the "Third Way" to transfer triple bonds. <i>Chemical Science</i> , <b>2019</b> , 10, 8909-8923	9.4	33
97	Gold-Catalyzed Alkynylation: Acetylene-Transfer instead of Functionalization. <i>Israel Journal of Chemistry</i> , <b>2013</b> , 53, 901-910	3.4	33
96	[4 + 2]-Annulations of aminocyclobutanes. <i>Organic Letters</i> , <b>2015</b> , 17, 1030-3	6.2	33
95	Photocatalysis with organic dyes: facile access to reactive intermediates for synthesis. <i>Beilstein Journal of Organic Chemistry</i> , <b>2020</b> , 16, 1163-1187	2.5	32
94	Synthesis of (Carbo)nucleoside Analogues by [3+2] Annulation of Aminocyclopropanes. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 8624-8627	3.6	32
93	Divergent Access to (1,1) and (1,2)-Azidolactones from Alkenes using Hypervalent Iodine Reagents. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9501-9504	4.8	29
92	Indole- and Pyrrole-BX: Bench-Stable Hypervalent Iodine Reagents for Heterocycle Umpolung. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 14702-14706	4.8	29
91	One-Pot Three-Component Synthesis of Vicinal Diamines via In Situ Amino Formation and Carboamination. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12881-5	16.4	27
90	1,3-Difunctionalization of Aminocyclopropanes via Dielectrophilic Intermediates. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 13880-13884	16.4	27
89	Enantioselective synthesis of polycyclic carbocycles via an alkynylation-allylation-cyclization strategy. <i>Organic Letters</i> , <b>2014</b> , 16, 5768-71	6.2	27
88	Iridium- and Rhodium-Catalyzed Directed C-H Heteroarylation of Benzaldehydes with Benziodoxolone Hypervalent Iodine Reagents. <i>Organic Letters</i> , <b>2018</b> , 20, 1473-1476	6.2	26
87	Lewis Acid Catalyzed Enantioselective Desymmetrization of Donor-Acceptor meso-Diaminocyclopropanes. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5214-5217	3.6	26
86	Platinum-Catalyzed Domino Reaction with Benziodoxole Reagents for Accessing Benzene-Alkynylated Indoles. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5528-5532	3.6	26

85	Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10961-10970	16.4	25
84	Synthesis of Aminocyclobutanes by Iron-Catalyzed [2+2] Cycloaddition. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 9179-9183	3.6	25
83	Synthesis of bicyclo[3.1.0]hexanes by (3 + 2) annulation of cyclopropenes with aminocyclopropanes. <i>Chemical Science</i> , <b>2019</b> , 10, 10716-10722	9.4	24
82	Heterotetracenes: Flexible Synthesis and in Silico Assessment of the Hole-Transport Properties. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 8058-8065	4.8	21
81	Metal-Free Oxidative Cross Coupling of Indoles with Electron-Rich (Hetero)arenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 10049	4.8	21
80	Nucleoside Analogues: Synthesis from Strained Rings. <i>Israel Journal of Chemistry</i> , <b>2016</b> , 56, 566-577	3.4	21
79	Proteome-Wide Profiling of Targets of Cysteine reactive Small Molecules by Using Ethynyl Benziodoxolone Reagents. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 11002-11007	3.6	20
78	Ethynylbenziodazolones (EBZ) as Electrophilic Alkynylation Reagents for the Highly Enantioselective Copper-Catalyzed Oxyalkynylation of Diazo Compounds. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 9522-9528	4.8	19
77	Gold-catalyzed domino cyclization-alkynylation reactions with EBX reagents: new insights into the reaction mechanism. <i>Dalton Transactions</i> , <b>2017</b> , 46, 12257-12262	4.3	19
76	tether formation from amines and alcohols enabling highly selective Tsuji-Trost allylation and olefin functionalization. <i>Chemical Science</i> , <b>2017</b> , 8, 32-39	9.4	19
75	Tandem Photoredox and Copper-Catalyzed Decarboxylative C(sp)-N Coupling of Anilines and Imines Using an Organic Photocatalyst. <i>Organic Letters</i> , <b>2020</b> , 22, 5412-5416	6.2	18
74	Copper-Catalyzed Oxyvinylation of Diazo Compounds. <i>Organic Letters</i> , <b>2020</b> , 22, 3884-3889	6.2	17
73	Diester-Substituted Aminocyclopropanes: Synthesis and Use in [3+2]-Annulation Reactions. <i>Synlett</i> , <b>2014</b> , 25, 2285-2288	2.2	17
72	Synthetic Process Development and Scale Up of Palladium-Catalyzed Alkoxy carbonylation of Chloropyridines. <i>Organic Process Research and Development</i> , <b>2001</b> , 5, 572-574	3.9	17
71	Copper-Catalyzed Oxyalkynylation of C-S Bonds in Thiiranes and Thiethanes with Hypervalent Iodine Reagents. <i>Organic Letters</i> , <b>2020</b> , 22, 422-427	6.2	17
70	Cys-Cys and Cys-Lys Stapling of Unprotected Peptides Enabled by Hypervalent Iodine Reagents. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 9022-9031	16.4	17
69	Rhodium-catalyzed C-H functionalization of heteroarenes using indoleBX hypervalent iodine reagents. <i>Beilstein Journal of Organic Chemistry</i> , <b>2018</b> , 14, 1208-1214	2.5	16
68	1-Alkynyltriazenes as Functional Analogues of Ynamides. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 13591-13594	3.6	16



67	Bench-Stable Electrophilic Indole and Pyrrole Reagents: Serendipitous Discovery and Use in C-H Functionalization. <i>Helvetica Chimica Acta</i> , <b>2017</b> , 100, e1700221	2	15
66	C-Terminal Bioconjugation of Peptides through Photoredox Catalyzed Decarboxylative Alkynylation. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 8266-8270	3.6	15
65	Photocatalytic redox reactions for in-source peptide fragmentation. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 6711-7	4.8	15
64	Cyclization of Cyclopropyl Carbonyls and the Homo-Nazarov Reaction. <i>Chimia</i> , <b>2009</b> , 63, 162-167	1.3	15
63	Vinylbenziodoxol(on)es: Synthetic Methods and Applications. <i>Helvetica Chimica Acta</i> , <b>2020</b> , 103, e2000191		15
62	Access to Vinyl Ethers and Ketones with Hypervalent Iodine Reagents as Oxy-Allyl Cation Synthetic Equivalents. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18256-18260	16.4	14
61	Cyclische hypervalente Iodreagentien und Eisenkatalyse: ein starkes Team für späte C-H-Azidierungen. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5380-5382	3.6	14
60	Photochemical Functionalization of Heterocycles with EBX Reagents: C-H Alkynylation versus Deconstructive Ring Cleavage*. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 14453-14460	4.8	14
59	Oxidative Fluorination of Cyclopropylamides through Organic Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16420-16424	16.4	13
58	Cobalt-Catalyzed Synthesis of Tertiary Azides from $\beta,\beta$ -Disubstituted Olefins under Mild Conditions Using Commercially Available Reagents. <i>Synthesis</i> , <b>2007</b> , 2007, 3839-3845	2.9	13
57	Triazene-Activated Donor-Acceptor Cyclopropanes: Ring-Opening and (3 + 2) Annulation Reactions. <i>Organic Letters</i> , <b>2020</b> , 22, 4517-4522	6.2	13
56	Ethynyl benziodoxolones: functional terminators for cell-penetrating poly(disulfide)s. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 3465-3470	4.9	13
55	Decarboxylative Alkynylation and Cyanation of Carboxylic Acids using Photoredox Catalysis and Hypervalent Iodine Reagents. <i>Chimia</i> , <b>2017</b> , 71, 226-230	1.3	12
54	Metal-Free Electrophilic Alkynylation of Sulfenate Anions with Ethynylbenziodoxolone Reagents. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 3687-3701	4.2	12
53	Photocatalytic Umpolung of - and -substituted alkenes for the synthesis of 1,2-amino alcohols and diols. <i>Chemical Science</i> , <b>2020</b> , 11, 11274-11279	9.4	12
52	Revisiting the Urech Synthesis of Hydantoins: Direct Access to Enantiopure 1,5-Substituted Hydantoins Using Cyanobenziodoxolone. <i>Organic Letters</i> , <b>2019</b> , 21, 524-528	6.2	12
51	Palladium-Catalyzed Carboamination of Allylic Alcohols Using a Trifluoroacetaldehyde-Derived Tether. <i>Organic Letters</i> , <b>2017</b> , 19, 3548-3551	6.2	11
50	Palladium-Catalyzed Vicinal Amino Alcohols Synthesis from Allyl Amines by In Situ Tether Formation and Carboetherification. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5339-5343	3.6	11



49	Small peptide diversification through photoredox-catalyzed oxidative C-terminal modification. <i>Chemical Science</i> , <b>2021</b> , 12, 2467-2473	9.4	11
48	Alkynylations and Vinylations <b>2018</b> , 1-58		10
47	Total Synthesis and Biological Evaluation of Jerantinine E. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 13615-13618	3.6	10
46	Intramolecular palladium-catalyzed alkene carboalkynylation. <i>Tetrahedron</i> , <b>2015</b> , 71, 5959-5964	2.4	9
45	Amphiphilic Iodine(III) Reagents for the Lipophilization of Peptides in Water. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 17963-17968	16.4	9
44	Catalytic (3 + 2) annulation of donor-acceptor aminocyclopropane monoesters and indoles. <i>Chemical Science</i> , <b>2021</b> , 12, 8706-8712	9.4	9
43	Three-Component Reaction for the Synthesis of Highly Functionalized Propargyl Ethers. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 10199-10204	4.8	8
42	Enantioselective Carboetherification/Hydrogenation for the Synthesis of Amino Alcohols via a Catalytically Formed Chiral Auxiliary. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 17334-17339	16.4	8
41	Cys $\alpha$ and Cys $\beta$ Stapling of Unprotected Peptides Enabled by Hypervalent Iodine Reagents. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 9104-9113	3.6	8
40	Ethynylation of Cysteine Residues: From Peptides to Proteins in Vitro and in Living Cells. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11054-11063	3.6	7
39	Synthesis of Chiral Bifunctional (Thio)Urea N-Heterocyclic Carbenes. <i>Synlett</i> , <b>2010</b> , 2010, 881-884	2.2	7
38	Indole alkaloids synthesis via a selective cyclization of aminocyclopropanes. <i>Chimia</i> , <b>2012</b> , 66, 233-6	1.3	7
37	One-Pot Three-Component Synthesis of Vicinal Diamines via In Situ Aminal Formation and Carboamination. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 13073-13077	3.6	6
36	Hypervalent Iodine-Mediated Late-Stage Peptide and Protein Functionalization. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	6
35	Palladium-Catalyzed Carbo-Oxygenation of Propargylic Amines using in Situ Tether Formation. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 3010-3013	4.8	6
34	Azide Radical Initiated Ring Opening of Cyclopropenes Leading to Alkenyl Nitriles and Polycyclic Aromatic Compounds. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 4075-4079	16.4	6
33	Synthesis of Thiochromans via [3+3] Annulation of Aminocyclopropanes with Thiophenols. <i>Organic Letters</i> , <b>2020</b> , 22, 9123-9127	6.2	5
32	Synthesis of Saturated Heterocycles via Metal-Catalyzed Formal Cycloaddition Reactions That Generate a C $\equiv$ N or C $\equiv$ O Bond. <i>Topics in Heterocyclic Chemistry</i> , <b>2013</b> , 225-269	0.2	5

31	Cyclization of Aminocyclopropanes in Indole Alkaloids Synthesis. <i>Synlett</i> , <b>2011</b> , 2011, 589-593	2.2	5
30	One-Pot Synthesis of 1-[(Triisopropylsilyl)ethynyl]-1,2-benziodoxol-3(1H)-one (TIPS-EBX): Process Safety Assessment and Impact of Impurities on Product Stability. <i>Organic Process Research and Development</i> , <b>2020</b> , 24, 106-110	3.9	5
29	Low-Temperature Intramolecular [4+2] Cycloaddition of Allenes with Arenes for the Synthesis of Diene Ligands. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5475-5481	16.4	5
28	Direct Photoexcitation of Ethynylbenziodoxolones: An Alternative to Photocatalysis for Alkynylation Reactions*. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 23827-23834	16.4	5
27	1,3-Difunctionalization of Aminocyclopropanes via Dielectrophilic Intermediates. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 14018-14022	3.6	4
26	Taming hypervalent bonds and strained rings for catalysis and synthesis. <i>Chimia</i> , <b>2014</b> , 68, 516-21	1.3	4
25	Structure and Reactivity of N-Heterocyclic Alkynyl Hypervalent Iodine Reagents. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10979-10986	4.8	4
24	Synthesis of Quinolines via the Metal-free Visible-Light-Mediated Radical Azidation of Cyclopropenes. <i>Organic Letters</i> , <b>2021</b> , 23, 5435-5439	6.2	4
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22	Access to Vinyl Ethers and Ketones with Hypervalent Iodine Reagents as Oxy-Allyl Cation Synthetic Equivalents. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18413-18417	3.6	3
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20	Palladium-Catalyzed Carboxy-Alkynylation of Propargylic Amines Using Carbonate Salts as Carbon Dioxide Source. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 5183-5186	3.2	2
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18	Cyclopropanes and hypervalent iodine reagents: high energy compounds for applications in synthesis and catalysis. <i>Chimia</i> , <b>2011</b> , 65, 649-51	1.3	2
17	Copper-Catalyzed Insertion of Diazo Compounds into Vinyl Hypervalent Iodine Reagents to Generate Allylic Esters		2
16	Inhibition of Thiol-Mediated Uptake with Irreversible Covalent Inhibitors. <i>Helvetica Chimica Acta</i> , <b>2021</b> , 104, e2100085	2	2
15	Cu(I)-Catalyzed $\alpha$ -Aminoalkynylation of Diazo Compounds: Synthesis of Fluorinated Propargylic Amines. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 10928-10938	4.2	2
14	Amphiphilic Iodine(III) Reagents for the Lipophilization of Peptides in Water. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18107-18112	3.6	2

13	An Alternative One-Electron Oxidation Strategy to Access Hypervalent Iodine Reagents. <i>Chem</i> , <b>2019</b> , 5, 2287-2289	16.2	1
12	Azides by Olefin Hydroazidation Reactions 95-111		1
11	N-terminal selective C-H azidation of proline-containing peptides: a platform for late-stage diversification.. <i>Chemistry - A European Journal</i> , <b>2022</b> ,	4.8	1
10	Azide Radical Initiated Ring Opening of Cyclopropenes Leading to Alkenyl Nitriles and Polycyclic Aromatic Compounds. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 4121-4125	3.6	1
9	Umpolung of Electron-Rich Heteroarenes with Hypervalent Iodine Reagents. <i>Heterocycles</i> , <b>2021</b> , 103, 555	0.8	1
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