Daniel B B Werz

List of Publications by Year
in descending order

186 papers	11,725 citations	22132 59 h-index	32815 100 g-index
196 all docs	196 docs citations	196 times ranked	7054 citing authors

#	Article	IF	Citations
1	A New Golden Age for Donorâ€“Acceptor Cyclopropanes. Angewandte Chemie - International Edition, 2014, 53, 5504-5523.	7.2	933
2	Synthesis and medical applications of oligosaccharides. Nature, 2007, 446, 1046-1051.	13.7	656
3	Theoretical Investigations on Chalcogenâ^'Chalcogen Interactions:Â What Makes These Nonbonded Interactions Bonding?. Journal of the American Chemical Society, 2006, 128, 2666-2674.	6.6	388
4	Ein neues goldenes Zeitalter in der Chemie Donorâ€Akzeptorâ€substituierter Cyclopropane. Angewandte Chemie, 2014, 126, 5608-5628.	1.6	272
5	Exploring the Structural Diversity of Mammalian Carbohydrates (â€œGlycospaceâ€) by Statistical Databank Analysis. ACS Chemical Biology, 2007, 2, 685-691.	1.6	245
6	From Noncovalent Chalcogenâ€“Chalcogen Interactions to Supramolecular Aggregates: Experiments and Calculations. Chemical Reviews, 2018, 118, 2010-2041.	23.0	244
7	Automated synthesis of oligosaccharides as a basis for drug discovery. Nature Reviews Drug Discovery, 2005, 4, 751-763.	21.5	227
8	Nanotube Formation Favored by Chalcogenâ^'Chalcogen Interactions. Journal of the American Chemical Society, 2002, 124, 10638-10639.	6.6	216
9	Uncovering the Neglected Similarities of Arynes and Donorâ€“Acceptor Cyclopropanes. Angewandte Chemie - International Edition, 2020, 59, 3385-3398.	7.2	209
10	Theoretical Investigations on Heteronuclear Chalcogenâ^'Chalcogen Interactions:Â On the Nature of Weak Bonds between Chalcogen Centers. Inorganic Chemistry, 2007, 46, 2249-2260.	1.9	189
11	Carbohydrates as the Next Frontier in Pharmaceutical Research. Chemistry - A European Journal, 2005, 11, 3194-3206.	1.7	176
12	Dinitrogen Splitting and Functionalization in the Coordination Sphere of Rhenium. Journal of the American Chemical Society, 2014, 136, 6881-6883.	6.6	172
13	A World Beyond Hydrogen Bonds?â€"Chalcogenâ€"Chalcogen Interactions Yielding Tubular Structures. Chemistry - A European Journal, 2003, 9, 2676-2683.	1.7	165
14	Carbonâ€“Halogen Bond Activation by Seleniumâ€Based Chalcogen Bonding. Angewandte Chemie - International Edition, 2017, 56, 12009-12012.	7.2	159
15	Total Synthesis of AntigenBacillus Anthracis Tetrasaccharideâ€"Creation of an Anthrax Vaccine Candidate. Angewandte Chemie - International Edition, 2005, 44, 6315-6318.	7.2	148
16	Ringâ€Opening 1â€Aminoâ€3â€aminomethylation of Donorâ€“Acceptor Cyclopropanes via 1,3â€Diazepanes. Angewandte Chemie - International Edition, 2017, 56, 9226-9230.	7.2	146
17	[3 + 3]-Cycloaddition of Donorâ€“Acceptor Cyclopropanes with Nitrile Imines Generated in Situ: Access to Tetrahydropyridazines. Organic Letters, 2016, 18, 564-567.	2.4	145
18	Automated Synthesis of the Tumor-Associated Carbohydrate Antigens Gb-3 and Globo-H:â€‰ Incorporation of Î±-Galactosidic Linkages. Journal of the American Chemical Society, 2007, 129, 2770-2771.	6.6	127

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19	Activation of Aryl Thiocyanates Followed by Aryne Insertion: Access to 1,2-Thiobenzonitriles. Organic Letters, 2015, 17, 1716-1719.	2.4	121
20	Comparative bioinformatics analysis of the mammalian and bacterial glycomes. Chemical Science, 2011, 2, 337-344.	3.7	120
21	Anti-Carbohydrate Antibodies for the Detection of Anthrax Spores. Angewandte Chemie - International Edition, 2006, 45, 6581-6582.	7.2	113
22	Ring-Opening 1,3-Dichlorination of Donorâ€"Acceptor Cyclopropanes by Iodobenzene Dichloride. Organic Letters, 2014, 16, 5804-5807.	2.4	113
23	Domino access to highly substituted chromans and isochromans from carbohydrates. Nature Chemical Biology, 2010, 6, 199-201.	3.9	106
24	Stereospecific Reactions of Donorâ€"Acceptor Cyclopropanes with Thioketones: Access to Highly Substituted Tetrahydrothiophenes. Angewandte Chemie - International Edition, 2017, 56, 14293-14296.	7.2	102
25	Synthesis of [<i>n</i>,5]-Spiroketals by Ring Enlargement of Donor-Acceptor-Substituted Cyclopropane Derivatives. Journal of Organic Chemistry, 2009, 74, 8779-8786.	1.7	101
26	Kinetic Studies of Donorâ€"Acceptor Cyclopropanes: The Influence of Structural and Electronic Properties on the Reactivity. Angewandte Chemie - International Edition, 2019, 58, 1955-1959.	7.2	101
27	Ring-Opening 1,3-Halochalcogenation of Cyclopropane Dicarboxylates. Organic Letters, 2017, 19, 98-101.	2.4	100
28	Synthesis of Fullerene Glycoconjugates via a Copper-Catalyzed Huisgen Cycloaddition Reaction. Organic Letters, 2007, 9, 4611-4614.	2.4	99
29	Transition-metal-catalyzed Câ€"H allylation reactions. CheM, 2021, 7, 555-605.	5.8	99
30	[4+3] Cycloaddition of Donorâ€"Acceptor Cyclopropanes with Amphiphilic Benzodithioloimine as Surrogate for <i>ortho</i>â€Bisthioquinone. Chemistry - A European Journal, 2016, 22, 521-525.	1.7	96
31	Ring-Enlargement Reactions of Donorâˆ'Acceptor-Substituted Cyclopropanes: Which Combinations are Most Efficient?. Organic Letters, 2011, 13, 1848-1851.	2.4	95
32	<i>anti</i>-Oligoannelated THF Moieties: Synthesis via <i>Pushâˆ'Pull</i>-Substituted Cyclopropanes. Organic Letters, 2009, 11, 2317-2320.	2.4	94
33	Synthesis of 2-Unsubstituted Pyrrolidines and Piperidines from Donorâ€"Acceptor Cyclopropanes and Cyclobutanes: 1,3,5-Triazinanes as Surrogates for Formylimines. Journal of Organic Chemistry, 2017, 82, 9235-9242.	1.7	94
34	Formal Insertion of Thioketenes into Donorâ€"Acceptor Cyclopropanes by Lewis Acid Catalysis. Organic Letters, 2018, 20, 820-823.	2.4	94
35	Domino Reactions of Donorâ€"Acceptorâ€Substituted Cyclopropanes for the Synthesis of 3,3â€²â€Linked Oligopyrroles and Pyrrolo[3,2â€<i>e</i>]indoles. Angewandte Chemie - International Edition, 2012, 51, 11153-11156.	7.2	90
36	(3+3)â€Annulation of Carbonyl Ylides with Donorâ€"Acceptor Cyclopropanes: Synergistic Dirhodium(II) and Lewis Acid Catalysis. Angewandte Chemie - International Edition, 2019, 58, 6225-6229.	7.2	90

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37	Carbopalladation Cascades Using Carbonâ€“Carbon Triple Bonds: Recent Advances to Access Complex Scaffolds. Chemistry - A European Journal, 2016, 22, 16718-16732.	1.7	89
38	The Cyclopropyl Group as a Neglected Donor in Donorâ€“Acceptor Cyclopropane Chemistry. Organic Letters, 2018, 20, 2059-2062.	2.4	88
39	Exploiting Heavier Organochalcogen Compounds in Donorâ€“Acceptor Cyclopropane Chemistry. Accounts of Chemical Research, 2021, 54, 1528-1541.	7.6	87
40	Câ€“H deuteration of organic compounds and potential drug candidates. Chemical Society Reviews, 2022, 51, 3123-3163.	18.7	85
41	Ethylene-Bridged Oligo-BODIPYs: Access to Intramolecular J-Aggregates and Superfluorophores. Journal of the American Chemical Society, 2017, 139, 15104-15113.	6.6	84
42	BOIMPYs: Rapid Access to a Family of Redâ€Emissive Fluorophores and NIR Dyes. Angewandte Chemie - International Edition, 2016, 55, 13340-13344.	7.2	83
43	From Furan to Molecular Stairs: Syntheses, Structural Properties, and Theoretical Investigations of Oligocyclic Oligoacetals. Chemistry - A European Journal, 2010, 16, 11276-11288.	1.7	82
44	Intramolecular Oxycyanation of Alkenes by Cooperative Pd/BPh₃ Catalysis. Journal of the American Chemical Society, 2012, 134, 6544-6547.	6.6	82
45	Formal <i>anti</i>â€Carbopalladation Reactions of Nonâ€Activated Alkynes: Requirements, Mechanistic Insights, and Applications. Angewandte Chemie - International Edition, 2015, 54, 4119-4123.	7.2	80
46	Reactions of Donorâ€“Acceptor Cyclopropanes with Naphthoquinones: Redox and Lewis Acid Catalysis Working in Concert. Angewandte Chemie - International Edition, 2017, 56, 10587-10591.	7.2	80
47	Alkynes Between Main Group Elements: From Dumbbells via Rods to Squares and Tubes. Chemical Reviews, 2010, 110, 4447-4488.	23.0	79
48	Flexible Synthesis of 2â€Deoxyâ€<i>C</i>â€Glycosides and (1â†'2)â€, (1â†'3)â€, and (1â†'4)â€Linked <i>C</i>â€Glycosides. Angewandte Chemie - International Edition, 2013, 52, 2985-2989.	7.2	79
49	Chemistry Evolves, Terms Evolve, but Phenomena Do Not Evolve: From Chalcogenâ€“Chalcogen Interactions to Chalcogen Bonding. Angewandte Chemie - International Edition, 2020, 59, 22306-22310.	7.2	78
50	Donorâ€“acceptor cyclopropanes with Lawesson's and Woollins' reagents: formation of bisthiophenes and unprecedented cage-like molecules. Chemical Communications, 2013, 49, 4403-4405.	2.2	77
51	Donor-Substituted Nitrocyclopropanes: Immediate Ring-Enlargement to Cyclic Nitronates. Organic Letters, 2013, 15, 6098-6101.	2.4	73
52	Ringâ€Opening Regioâ€, Diastereoâ€, and Enantioselective 1,3â€Chlorochalcogenation of Cyclopropyl Carbaldehydes. Chemistry - A European Journal, 2016, 22, 18756-18759.	1.7	73
53	(4 + 3)-Cycloaddition of Donorâ€“Acceptor Cyclopropanes with Thiochalcones: A Diastereoselective Access to Tetrahydrothiepines. Organic Letters, 2019, 21, 9405-9409.	2.4	73
54	Self-Organization of Chalcogen-Containing Cyclic Alkynes and Alkenes To Yield Columnar Structures. Organic Letters, 2002, 4, 339-342.	2.4	71

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55	Intermolecular Twofold Carbopalladation/Cyclization Sequence to Access Chromans and Isochromans from Carbohydrates. Chemistry - A European Journal, 2011, 17, 9888-9892.	1.7	65
56	Model System for Cell Adhesion Mediated by Weak Carbohydrateâ€“Carbohydrate Interactions. Journal of the American Chemical Society, 2012, 134, 3326-3329.	6.6	64
57	Molecular Analysis of Carbohydrateâˆ’Antibody Interactions: Case Study Using a <i>Bacillus anthracis</i> Tetrasaccharide. Journal of the American Chemical Society, 2010, 132, 10239-10241.	6.6	62
58	Ethynyl Benziodoxolone (EBX): Installing Alkynes the Reversed Way. Angewandte Chemie - International Edition, 2015, 54, 8876-8878.	7.2	61
59	Electrocatalytic Activation of Donorâ€“Acceptor Cyclopropanes and Cyclobutanes: An Alternative C(sp³)âˆ’C(sp³) Cleavage Mode. Angewandte Chemie - International Edition, 2021, 60, 15928-15934.	7.2	60
60	Tellurium-Capped Carbon Rods:Â Syntheses and Electronic and Structural Properties. Organometallics, 2003, 22, 843-849.	1.1	59
61	A Pd-Catalyzed Approach to (1â†’6)-Linked <i>C</i>-Glycosides. Organic Letters, 2010, 12, 3934-3937.	2.4	59
62	<i>trans</i>â€Carbocarbonation of Internal Alkynes through a Formal <i>anti</i>â€Carbopalladation/Câˆ’H Activation Cascade. Angewandte Chemie - International Edition, 2018, 57, 10610-10614.	7.2	58
63	Aktivierung einer Kohlenstoffâ€Halogenâ€Bindung durch selenbasierte ChalkogenbrÃ¼cken. Angewandte Chemie, 2017, 129, 12172-12176.	1.6	57
64	Ringâ€Opening 1,3â€Aminochalcogenation of Donorâ€“Acceptor Cyclopropanes: A Threeâ€Component Approach. Chemistry - A European Journal, 2019, 25, 11620-11624.	1.7	57
65	Determination of Carbohydrateâ€Binding Preferences of Human Galectins with Carbohydrate Microarrays. ChemBioChem, 2010, 11, 1563-1573.	1.3	56
66	Cyclic Tetraselenadiynes:Â Rigid Cycles with Long-Range van der Waals Forces between Chalcogen Centers. Journal of Organic Chemistry, 2002, 67, 4290-4297.	1.7	55
67	Pd-Catalyzed Three-Component Coupling of Terminal Alkynes, Arynes, and Vinyl Cyclopropane Dicarboxylate. Organic Letters, 2015, 17, 596-599.	2.4	55
68	Cyclic Tetra- and Hexaynes Containing 1,4-Donor-Substituted Butadiyne Units:Â Synthesis and Supramolecular Organization. Journal of Organic Chemistry, 2004, 69, 2945-2952.	1.7	54
69	Recent Advances in the Synthesis of Carbohydrate Mimetics. Synthesis, 2010, 2010, 3217-3242.	1.2	52
70	A Domino Approach to Dibenzopentafulvalenes by Quadruple Carbopalladation. Angewandte Chemie - International Edition, 2013, 52, 13243-13246.	7.2	52
71	Ï€â€Helicenes Truncated to a Minimum: Access Through a Domino Approach Involving Multiple Carbopalladations and a Stille Coupling. Angewandte Chemie - International Edition, 2015, 54, 1331-1335.	7.2	49
72	Influence of Gb3 glycosphingolipids differing in their fatty acid chain on the phase behaviour of solid supported membranes: chemical syntheses and impact of Shiga toxin binding. Chemical Science, 2014, 5, 3104.	3.7	48

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73	A Ridge Walk between Reaction Modes: An Unprecedented Pd-Catalyzed Domino Sequence of Diynyl-Substituted Bromoarenes. Organic Letters, 2012, 14, 346-349.	2.4	47
74	Palladiumâ€Catalyzed Selective <i>meta</i>â€Câˆ’H Deuteration of Arenes: Reaction Design and Applications. Chemistry - A European Journal, 2019, 25, 9433-9437.	1.7	46
75	Rearrangements of Furanâ€; Thiopheneâ€•and <i>N</i>â€Bocâ€Pyrroleâ€Derived Donorâ€Acceptor Cyclopropanes: Scope and Limitations. European Journal of Organic Chemistry, 2013, 2013, 4539-4551.	1.2	45
76	Intramolecular <i>trans</i>-Carbocarbonation of Internal Alkynes by a Cascade of Formal <i>anti</i>-Carbopalladation/Cyclopropanol Opening. Organic Letters, 2018, 20, 7266-7269.	2.4	45
77	Polyalkynes Capped by Sulfur and Selenium. Journal of Organic Chemistry, 2003, 68, 9400-9405.	1.7	44
78	Synthesis of a Hexasaccharide Repeating Unit from Bacillus anthracis Vegetative Cell Walls. Organic Letters, 2008, 10, 905-908.	2.4	44
79	Extended Benzeneâ€Fused Oligoâ€BODIPYs: In Three Steps to a Series of Large, Arcâ€Shaped, Nearâ€Infrared Dyes. Angewandte Chemie - International Edition, 2021, 60, 747-752.	7.2	43
80	Protic Ionic Liquid as Reagent, Catalyst, and Solvent: 1â€Methylimidazolium Thiocyanate. Angewandte Chemie - International Edition, 2021, 60, 7927-7934.	7.2	43
81	Molecular Basis of S-layer Glycoprotein Glycan Biosynthesis in Geobacillus stearothermophilus. Journal of Biological Chemistry, 2008, 283, 21120-21133.	1.6	42
82	Exploiting amphiphilicity: facile metal free access to thianthrenes and related sulphur heterocycles. Chemical Communications, 2015, 51, 9165-9168.	2.2	42
83	RingÃ¶ffnende 1â€Aminoâ€3â€aminomethylierung von Donorâ€Akzeptorâ€substituierten Cyclopropanen Ã¼ber 1,3â€Diazepane. Angewandte Chemie, 2017, 129, 9354-9358.	1.6	41
84	Ãœber bislang nicht beachtete Parallelen in der ReaktivitÃt von Arinen und Donorâ€Akzeptorâ€Cyclopropanen. Angewandte Chemie, 2020, 132, 3410-3424.	1.6	41
85	Syntheses and solid state structures of cyclic diynes with two chalcogen centres ? a competition between weak interactions. Organic and Biomolecular Chemistry, 2003, 1, 2788.	1.5	40
86	Intramolecular Formal <i>anti</i>â€Carbopalladation/Heck Reaction: Facile Domino Access to Carboâ€•and Heterooligocyclic Dienes. Chemistry - A European Journal, 2015, 21, 12303-12307.	1.7	40
87	Direct <i>meta</i>â€Câˆ’H Perfluoroalkenylation of Arenes Enabled by a Cleavable Pyrimidineâ€Based Template. Chemistry - A European Journal, 2019, 25, 10323-10327.	1.7	40
88	Cycloadditions of Donorâ€"Acceptor Cyclopropanes and â€butanes using S=Nâ€Containing Reagents: Access to Cyclic Sulfinamides, Sulfonamides, and Sulfinamidines. Angewandte Chemie - International Edition, 2021, 60, 25825-25831.	7.2	40
89	Macrocyclic Cyclophanes with Two and Three Î±,Ï‰-Dichalcogena-1,4-diethynylaryl Units: Syntheses and Structural Properties. Journal of Organic Chemistry, 2008, 73, 8021-8029.	1.7	39
90	Surface Characterization of Carbohydrate Microarrays. Langmuir, 2010, 26, 17143-17155.	1.6	39

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91	Symmetric and unsymmetric 3,3â€²-linked bispyrroles via ring-enlargement reactions of furan-derived donorâ€“acceptor cyclopropanes. Organic and Biomolecular Chemistry, 2013, 11, 3494.	1.5	37
92	Self-organization of cyclic selenaethers to yield columnar structures. Tetrahedron Letters, 2002, 43, 5767-5769.	0.7	35
93	One Pot, Two Phases: Ironâ€Catalyzed Cyclopropanation with Inâ€…Situ Generated Diazomethane. Angewandte Chemie - International Edition, 2012, 51, 7085-7086.	7.2	35
94	Syntheses of 1,2-annulated and 1-spiroannulated carbohydrate derivatives: Recent developments. Bioorganic and Medicinal Chemistry, 2012, 20, 1846-1856.	1.4	35
95	Enantioselective Total Synthesis of (+)-Lysergol: A Formal <i>anti</i>-Carbopalladation/Heck Cascade as the Key Step. Organic Letters, 2017, 19, 1914-1917.	2.4	35
96	Stereospezifische Reaktion von Donorâ€Akzeptorâ€Cyclopropanen mit Thioketonen: ein Zugang zu hoch substituierten Tetrahydrothiophenen. Angewandte Chemie, 2017, 129, 14481-14485.	1.6	35
97	<i>cis</i>-Selective, Enantiospecific Addition of Donorâ€“Acceptor Cyclopropanes to Activated Alkenes: An Iodination/Michael-Cyclization Cascade. Organic Letters, 2020, 22, 6404-6408.	2.4	34
98	Winding up Alkynes: A Pdâ€Catalyzed Tandemâ€Domino Reaction to Chiral Biphenyls. Chemistry - A European Journal, 2012, 18, 6138-6141.	1.7	33
99	Hybrids of sugars and aromatics: A Pd-catalyzed modular approach to chromans and isochromans. Bioorganic and Medicinal Chemistry, 2010, 18, 3656-3667.	1.4	32
100	Reacting Cyclopropenones with Arynes: Access to Spirocyclic Xantheneâ€“Cyclopropene Motifs. Journal of Organic Chemistry, 2015, 80, 3730-3734.	1.7	32
101	Sonogashiraâ€“Hagihara reactions of halogenated glycals. Beilstein Journal of Organic Chemistry, 2012, 8, 675-682.	1.3	30
102	Decorated BODIPY Fluorophores and Thiol-Reactive Fluorescence Probes by an Aldol Addition. Organic Letters, 2017, 19, 2090-2093.	2.4	30
103	New Dyes Based on Extended Fulvene Motifs: Synthesis through Redox Reactions of Naphthoquinones with Donorâ€“Acceptor Cyclopropanes and Their Spectroelectrochemical Behavior. Chemistry - A European Journal, 2019, 25, 10359-10365.	1.7	30
104	Kinetische Studie zu Donorâ€Akzeptorâ€Cyclopropanen: Strukturelle und elektronische EinflÃ¼sse auf die ReaktivitÃt. Angewandte Chemie, 2019, 131, 1975-1979.	1.6	30
105	(3 + 2)-Cycloaddition of Donorâ€“Acceptor Cyclopropanes with Selenocyanate: Synthesis of Dihydroselenophenes and Selenophenes. Organic Letters, 2020, 22, 8720-8724.	2.4	30
106	Regioâ€•and Diastereoselective Copperâ€Catalyzed Carbomagnesiation for the Synthesis of Pentaâ€•and Hexaâ€Substituted Cyclopropanes. Angewandte Chemie - International Edition, 2021, 60, 11804-11808.	7.2	30
107	Elastic Cycles as Flexible Hosts: How Tubes Built by Cyclic Chalcogenaalkynes Individually Host Their Guests. Chemistry Letters, 2005, 34, 126-131.	0.7	29
108	Reactions of Metal-Complexed Carbocyclic 4ï€ Systems. Organometallics, 2005, 24, 4316-4329.	1.1	29

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109	2-Hydroxy Fatty Acid Enantiomers of Gb 3 Impact Shiga Toxin Binding and Membrane Organization. Biophysical Journal, 2015, 108, 2775-2778.	0.2	28
110	Ultrafast Resonance Energy Transfer in Ethylene-Bridged BODIPY Heterooligomers: From Frenkel to FÃ¶rster Coupling Limit. Journal of the American Chemical Society, 2021, 143, 7414-7425.	6.6	28
111	Friedelâ€“Crafts-Type Reactions with Electrochemically Generated Electrophiles from Donorâ€“Acceptor Cyclopropanes and -Butanes. Organic Letters, 2021, 23, 5549-5553.	2.4	28
112	Synthesis of a Spore Surface Pentasaccharide ofBacillus anthracis. European Journal of Organic Chemistry, 2007, 2007, 1976-1982.	1.2	27
113	(3+3)â€Annulation of Carbonyl Ylides with Donorâ€“Acceptor Cyclopropanes: Synergistic Dirhodium(II) and Lewis Acid Catalysis. Angewandte Chemie, 2019, 131, 6291-6295.	1.6	27
114	Reaktionen von Donorâ€Akzeptorâ€Cyclopropanen mit Naphthochinonen: eine Kombination aus Redoxâ€•und Lewisâ€SÃ¤ureâ€Katalyse. Angewandte Chemie, 2017, 129, 10723-10727.	1.6	26
115	Pd-Catalyzed Cyanoselenylation of Internal Alkynes: Access to Tetrasubstituted Selenoenol Ethers. Organic Letters, 2020, 22, 5025-5029.	2.4	26
116	Azideâ‹…â‹…â‹…Oxygen Interaction: A Crystal Engineering Tool for Conformational Locking. Angewandte Chemie - International Edition, 2021, 60, 22797-22803.	7.2	26
117	Pd-catalysed Câ€“H functionalisation of free carboxylic acids. Chemical Science, 2022, 13, 2551-2573.	3.7	26
118	Theoretical Investigations of Substituent Effects in Dimethyldioxirane Epoxidation Reactions. Journal of Organic Chemistry, 2008, 73, 5514-5519.	1.7	25
119	Intramolecular <i>transâ€</i>Dicarbofunctionalization of Alkynes by a Formal <i>anti</i>â€Carbopalladation/Stille Cascade. Chemistry - A European Journal, 2016, 22, 14544-14547.	1.7	25
120	Intramolecular Pdâ€Catalyzed Formal <i>anti</i>â€Carboalkoxylation of Alkynes: Access to Tetrasubstituted Enol Ethers. Chemistry - A European Journal, 2018, 24, 13446-13449.	1.7	25
121	Quantification of Noncovalent Interactions in Azideâ€“Pnictogen, â€“Chalcogen, and â€“Halogen Contacts. Chemistry - A European Journal, 2021, 27, 4627-4639.	1.7	25
122	Flexible synthesis of anthracycline aglycone mimics via domino carbopalladation reactions. Beilstein Journal of Organic Chemistry, 2013, 9, 2194-2201.	1.3	24
123	Azaâ€BOIMPYs: A Tetrazole Auxochrome for Highly Redâ€Emissive Dipyrrometheneâ€Based Fluorophores. Chemistry - A European Journal, 2017, 23, 15903-15907.	1.7	24
124	An <i>anti</i>-Carbopalladation/Amination Cascade with Alkynes: Access to Tetrasubstituted Enamines and Pyrroles. Organic Letters, 2019, 21, 9415-9419.	2.4	24
125	From 1,2-difunctionalisation to cyanide-transfer cascades â€“ Pd-catalysed cyanosulfenylation of internal (oligo)alkynes. Chemical Science, 2020, 11, 1912-1917.	3.7	23
126	Chemie und Begriffe entwickeln sich, aber PhÃ¤nomene nicht: Von Chalkogenâ€Chalkogenâ€Wechselwirkungen zu â€œChalcogen Bondingâ€. Angewandte Chemie, 2020, 132, 22490-22495.	1.6	23

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127	Oligoeneâ€Based Ï€â€Helicenes or Dispiranes? Winding up Oligoyne Chains by a Multiple Carbopalladation/Stille/(Electrocyclization) Cascade. Chemistry - A European Journal, 2015, 21, 16136-16146.	1.7	22
128	Synthesis of Gb 3 Glycosphingolipids with Labeled Head Groups: Distribution in Phaseâ€Separated Giant Unilamellar Vesicles. Angewandte Chemie - International Edition, 2019, 58, 17805-17813.	7.2	22
129	Reducing the conformational flexibility of carbohydrates: locking the 6-hydroxyl group by cyclopropanes. Chemical Communications, 2011, 47, 10782.	2.2	20
130	BOIMPYs â€“ ein schneller Zugang zu einer Familie rot emittierender Fluorophore und NIRâ€Farbstoffe. Angewandte Chemie, 2016, 128, 13534-13539.	1.6	20
131	trans â€Carbocarbonation of Internal Alkynes through a Formal anti â€Carbopalladation/Câ^'H Activation Cascade. Angewandte Chemie, 2018, 130, 10770-10774.	1.6	20
132	Exploring the Ï€-System of the (Aza-)BOIMPY Scaffold: Electron-Rich Pyrrole Moieties Working in Concert with Electron-Depleted <i>Meso</i>-Positions. Journal of Organic Chemistry, 2019, 84, 7804-7814.	1.7	20
133	GlycoBODIPYs: Sugars Serving as a Natural Stock for Waterâ€soluble Fluorescent Probes of Complex Chiral Morphology. Angewandte Chemie - International Edition, 2021, 60, 8766-8771.	7.2	20
134	Cascades Involving anti-Carbopalladation Steps: From Our Initial Hypothesis to Natural Product Synthesis. Synlett, 2019, 30, 1275-1288.	1.0	19
135	Access to Indene Derivatives by a Sequence of Intermolecular <i>anti</i>â€Carbopalladation, Heck Reaction, and Electrophilic Attack. European Journal of Organic Chemistry, 2015, 2015, 6278-6288.	1.2	18
136	Ring-Opening Reactions of Donorâ€“Acceptor Cyclobutanes with Electron-Rich Arenes, Thiols, and Selenols. Organic Letters, 2019, 21, 6315-6319.	2.4	18
137	Shiga toxin binding alters lipid packing and the domain structure of Gb₃-containing membranes: a solid-state NMR study. Physical Chemistry Chemical Physics, 2019, 21, 15630-15638.	1.3	18
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