

David John Procter

List of Publications by Year in descending order

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130
papers

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docs citations

145
times ranked

4452
citing authors

#	ARTICLE	IF	CITATIONS
1	Samarium(II)-Iodide-Mediated Cyclizations in Natural Product Synthesis. <i>Chemical Reviews</i> , 2004, 104, 3371-3404.	47.7	527
2	Cross-Coupling Reactions Using Samarium(II) Iodide. <i>Chemical Reviews</i> , 2014, 114, 5959-6039.	47.7	351
3	Beyond the Pummerer Reaction: Recent Developments in Thionium Ion Chemistry. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5832-5844.	13.8	304
4	C ^α -H Coupling Reactions Directed by Sulfoxides: Teaching an Old Functional Group New Tricks. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9842-9860.	13.8	212
5	Radical cascade reactions triggered by single electron transfer. <i>Nature Reviews Chemistry</i> , 2017, 1, .	30.2	211
6	Catalytic cascade reactions by radical relay. <i>Chemical Society Reviews</i> , 2019, 48, 4626-4638.	38.1	194
7	Recent advances in the chemoselective reduction of functional groups mediated by samarium(ii) iodide: a single electron transfer approach. <i>Chemical Society Reviews</i> , 2013, 42, 9155.	38.1	188
8	Copper-Catalyzed Functionalization of 1,3-Dienes: Hydrofunctionalization, Borofunctionalization, and Difunctionalization. <i>ACS Catalysis</i> , 2020, 10, 1485-1499.	11.2	180
9	Metal-free photoredox-catalysed formal C ^α -H/C ^β -H coupling of arenes enabled by interrupted Pummerer activation. <i>Nature Catalysis</i> , 2020, 3, 163-169.	34.4	160
10	Beyond Samarium Diiodide: Vistas in Reductive Chemistry Mediated by Lanthanides(II). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9238-9256.	13.8	151
11	Enantioselective Generation of Adjacent Stereocenters in a Copper-Catalyzed Three-Component Coupling of Imines, Allenes, and Diboranes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11912-11916.	13.8	134
12	Highly Chemoselective Reduction of Amides (Primary, Secondary, Tertiary) to Alcohols using SmI ₂ /Amine/H ₂ O under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2014, 136, 2268-2271.	13.7	131
13	Nucleophilic <i>ortho</i> Allylation of Aryl and Heteroaryl Sulfoxides. <i>Organic Letters</i> , 2011, 13, 5882-5885.	4.6	127
14	Sm(II)-Mediated Electron Transfer to Carboxylic Acid Derivatives: Development of Complexity-Generating Cascades. <i>Accounts of Chemical Research</i> , 2015, 48, 1263-1275.	15.6	122
15	Nucleophilic <i>ortho</i> Propargylation of Aryl Sulfoxides: An Interrupted Pummerer/Allenyl Thio-Claisen Rearrangement Sequence. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4008-4011.	13.8	115
16	Regioselective synthesis of C3 alkylated and arylated benzothiophenes. <i>Nature Communications</i> , 2017, 8, 14801.	12.8	113
17	Selective reductive transformations using samarium diiodide-water. <i>Chemical Communications</i> , 2012, 48, 330-346.	4.1	112
18	MYC Is a Major Determinant of Mitotic Cell Fate. <i>Cancer Cell</i> , 2015, 28, 129-140.	16.8	110

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19	Metal-Free CH ^{δ+} -CH-Type Cross-Coupling of Arenes and Alkynes Directed by a Multifunctional Sulfoxide Group. <i>Journal of the American Chemical Society</i> , 2016, 138, 790-793.	13.7	106
20	Switching between Novel Samarium(II)-Mediated Cyclizations by a Simple Change in Alcohol Cosolvent. <i>Organic Letters</i> , 2003, 5, 4811-4814.	4.6	104
21	An Interrupted Pummerer/Nickel-Catalysed Cross-Coupling Sequence. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9785-9789.	13.8	104
22	Enantioselective copper catalysed, direct functionalisation of allenes via allyl copper intermediates. <i>Chemical Science</i> , 2017, 8, 5240-5247.	7.4	103
23	Radical C ^α -C Bond Formation using Sulfonium Salts and Light. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2135-2142.	4.3	102
24	Enantioselective cyclizations and cyclization cascades of samarium ketyl radicals. <i>Nature Chemistry</i> , 2017, 9, 1198-1204.	13.6	96
25	A Ring Size-Selective Reduction of Lactones Using SmI ₂ and H ₂ O. <i>Journal of the American Chemical Society</i> , 2008, 130, 1136-1137.	13.7	94
26	Copper-Catalyzed Borolytic Cross-Coupling of Allenes and Imines: Selective Three-Component Assembly of Branched Homoallyl Amines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1102-1107.	13.8	94
27	Copper-catalyzed functionalization of enynes. <i>Chemical Science</i> , 2020, 11, 11380-11393.	7.4	92
28	Cu(I)-NHC Catalyzed Asymmetric Silyl Transfer to Unsaturated Lactams and Amides. <i>Organic Letters</i> , 2014, 16, 476-479.	4.6	90
29	Metal-free C-H thioarylation of arenes using sulfoxides: a direct, general diaryl sulfide synthesis. <i>Chemical Communications</i> , 2016, 52, 12364-12367.	4.1	89
30	Recent advances in the chemistry of ketyl radicals. <i>Chemical Society Reviews</i> , 2021, 50, 5349-5365.	38.1	87
31	Synthesis of C2 Substituted Benzothiophenes via an Interrupted Pummerer/[3,3]-Sigmatropic/1,2-Migration Cascade of Benzothiophene S-Oxides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5759-5764.	13.8	85
32	Regiodivergent Copper Catalyzed Borocyanation of 1,3-Dienes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11305-11309.	13.8	85
33	Reductive Cyclization Cascades of Lactones Using SmI ₂ -H ₂ O. <i>Journal of the American Chemical Society</i> , 2011, 133, 2418-2420.	13.7	83
34	Preparation of Samarium(II) Iodide: Quantitative Evaluation of the Effect of Water, Oxygen, and Peroxide Content, Preparative Methods, and the Activation of Samarium Metal. <i>Journal of Organic Chemistry</i> , 2012, 77, 3049-3059.	3.2	82
35	Studies on the Mechanism, Selectivity, and Synthetic Utility of Lactone Reduction Using SmI ₂ and H ₂ O. <i>Journal of the American Chemical Society</i> , 2009, 131, 15467-15473.	13.7	81
36	Determination of the Effective Redox Potentials of SmI ₂ , SmBr ₂ , SmCl ₂ , and their Complexes with Water by Reduction of Aromatic Hydrocarbons. Reduction of Anthracene and Stilbene by Samarium(II) Iodide-Water Complex. <i>Journal of Organic Chemistry</i> , 2014, 79, 2522-2537.	3.2	81

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37	Sulfoxide-directed Metal-free <i>ortho</i> -Propargylation of Aromatics and Heteroaromatics. Chemistry - A European Journal, 2015, 21, 7428-7434.	3.3	80
38	Dual vicinal functionalisation of heterocycles <i>via</i> an interrupted Pummerer coupling/[3,3]-sigmatropic rearrangement cascade. Chemical Science, 2018, 9, 754-759.	7.4	80
39	Nucleophilic <i>ortho</i> -Allylation of Pyrroles and Pyrazoles: An Accelerated Pummerer/Thio-Claisen Rearrangement Sequence. Organic Letters, 2013, 15, 3994-3997.	4.6	79
40	Electron transfer reduction of unactivated esters using SmI ₂ ·H ₂ O. Chemical Communications, 2011, 47, 10254.	4.1	76
41	Lactone Radical Cyclizations and Cyclization Cascades Mediated by SmI ₂ ·H ₂ O. Journal of the American Chemical Society, 2012, 134, 12751-12757.	13.7	74
42	Selective Reductions of Cyclic 1,3-Diesters Using SmI ₂ and H ₂ O. Journal of the American Chemical Society, 2009, 131, 7214-7215.	13.7	73
43	Sulfoxid-gelenkte C-H-Kupplungsreaktionen: Eine alte funktionelle Gruppe lernt neue Tricks. Angewandte Chemie, 2016, 128, 9996-10014.	2.0	71
44	Sulfoxide-directed metal-free cross-couplings in the expedient synthesis of benzothiophene-based components of materials. Chemical Science, 2016, 7, 1281-1285.	7.4	71
45	Total Synthesis of (+)-Pleuromutilin. Chemistry - A European Journal, 2013, 19, 6718-6723.	3.3	70
46	A Dialdehyde Cyclization Cascade: An Approach to Pleuromutilin. Angewandte Chemie - International Edition, 2009, 48, 9315-9317.	13.8	69
47	Radical Radical Cyclization Cascades of Barbiturates Triggered by Electron-Transfer Reduction of Amide-Type Carbonyls. Journal of the American Chemical Society, 2016, 138, 7770-7775.	13.7	69
48	Dynamic Ligand Exchange in Reactions of Samarium Diiodide. Organic Letters, 2010, 12, 4140-4143.	4.6	68
49	Samarium(II)-mediated 4-exo trig ketyl-olefin cyclisation of unsaturated aldehydes. A general, stereoselective synthesis of functionalised cyclobutanols. Tetrahedron Letters, 1999, 40, 4913-4916.	1.4	66
50	Ketyl-Type Radicals from Cyclic and Acyclic Esters are Stabilized by SmI ₂ (H ₂ O) _n : The Role of SmI ₂ (H ₂ O) _n in Post-Electron Transfer Steps. Journal of the American Chemical Society, 2014, 136, 8459-8466.	13.7	66
51	Concise Syntheses of Strychnine and Englerin A: the Power of Reductive Cyclizations Triggered by Samarium Iodide. Angewandte Chemie - International Edition, 2011, 50, 7737-7739.	13.8	65
52	Selective Reduction of Barbituric Acids Using SmI ₂ /H ₂ O: Synthesis, Reactivity, and Structural Analysis of Tetrahedral Adducts. Angewandte Chemie - International Edition, 2013, 52, 12559-12563.	13.8	62
53	SmI ₂ -catalysed cyclization cascades by radical relay. Nature Catalysis, 2019, 2, 211-218.	34.4	61
54	Enantioselective and Regioselective Copper-Catalyzed Borocyanation of 1-Aryl-1,3-Butadienes. ACS Catalysis, 2019, 9, 6744-6750.	11.2	61

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55	Electron Transfer Reduction of Carboxylic Acids Using Sm^{2+} - H^{2+} - O^{3+} . <i>Organic Letters</i> , 2012, 14, 840-843.	4.6	60
56	NHC-Cu(i) catalysed asymmetric conjugate silyl transfer to unsaturated lactones: application in kinetic resolution. <i>Chemical Communications</i> , 2013, 49, 5150.	4.1	58
57	Electron Transfer Reduction of Nitriles Using Sm^{2+} - Et^{3+} - N^{2+} - H^{2+} - O : Synthetic Utility and Mechanism. <i>Organic Letters</i> , 2014, 16, 1092-1095.	4.6	58
58	Dearomatizing Radical Cyclizations and Cyclization Cascades Triggered by Electron-Transfer Reduction of Amide-Type Carbonyls. <i>Journal of the American Chemical Society</i> , 2017, 139, 1661-1667.	13.7	58
59	Samarium(II)-Mediated Reactions of $\hat{1}^3, \hat{1}^1$ -Unsaturated Ketones. Cyclization and Fragmentation Processes. <i>Organic Letters</i> , 2002, 4, 2345-2347.	4.6	56
60	Samarium enolates and their application in organic synthesis. <i>Organometallic Chemistry</i> , 0, , 19-45.	0.6	55
61	Radical Cyclization Cascades of Unsaturated Meldrum TM s Acid Derivatives. <i>Organic Letters</i> , 2012, 14, 146-149.	4.6	53
62	Enantioselective Generation of Adjacent Stereocenters in a Copper-Catalyzed Three-Component Coupling of Imines, Allenes, and Diboranes. <i>Angewandte Chemie</i> , 2016, 128, 12091-12095.	2.0	53
63	Trifluoromethyl Sulfoxides: Reagents for Metal-Free C-H Trifluoromethylthiolation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15918-15922.	13.8	53
64	Sm^{2+} -Catalyzed Intermolecular Coupling of Cyclopropyl Ketones and Alkynes: A Link between Ketone Conformation and Reactivity. <i>Journal of the American Chemical Society</i> , 2021, 143, 3655-3661.	13.7	53
65	Selective Synthesis of $\hat{1}^{\pm}, \hat{1}^{\pm}$ -Dideuterio Alcohols by the Reduction of Carboxylic Acids Using Sm^{2+} and D^{2+} as Deuterium Source under SET Conditions. <i>Organic Letters</i> , 2014, 16, 5052-5055.	4.6	52
66	Transition-Metal-Free Synthesis of C3-Arylated Benzofurans from Benzothiophenes and Phenols. <i>Organic Letters</i> , 2018, 20, 7498-7503.	4.6	51
67	Copper-Catalyzed Borylative Multicomponent Synthesis of Quaternary $\hat{1}^{\pm}$ -Amino Esters. <i>ACS Catalysis</i> , 2019, 9, 1655-1661.	11.2	49
68	Selective Reductions of Cyclic 1,3-Diesters by Using Sm^{2+} and H^{2+} - O . <i>Chemistry - A European Journal</i> , 2010, 16, 10240-10249.	3.3	47
69	Cu(I)-NHC-Catalyzed Silylation of Allenes: Diastereoselective Three-Component Coupling with Aldehydes. <i>Chemistry - A European Journal</i> , 2014, 20, 13143-13145.	3.3	47
70	Transition-Metal-Free Cross-Coupling of Benzothiophenes and Styrenes in a Stereoselective Synthesis of Substituted (<i>E,Z</i>)- $\hat{1},3$ -Dienes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8779-8783.	13.8	47
71	Substrate-Directable Electron Transfer Reactions. Dramatic Rate Enhancement in the Chemoselective Reduction of Cyclic Esters Using Sm^{2+} - H^{2+} - O : Mechanism, Scope, and Synthetic Utility. <i>Journal of the American Chemical Society</i> , 2013, 135, 15702-15705.	13.7	42
72	Cenp-E inhibitor GSK923295: Novel synthetic route and use as a tool to generate aneuploidy. <i>Oncotarget</i> , 2015, 6, 20921-20932.	1.8	42

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73	A general electron transfer reduction of lactones using SmI ₂ ·H ₂ O. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5820.	2.8	41
74	Copper-Catalyzed Borylative Couplings with C ^N Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20278-20289.	13.8	41
75	A Sm(II)-Mediated Cascade Approach to Dibenzoindolo[3,2-b]carbazoles: Synthesis and Evaluation. <i>Organic Letters</i> , 2014, 16, 2292-2295.	4.6	40
76	Mechanism of SmI ₂ /Amine/H ₂ O-Promoted Chemoselective Reductions of Carboxylic Acid Derivatives (Esters, Acids, and Amides) to Alcohols. <i>Journal of Organic Chemistry</i> , 2014, 79, 11988-12003.	3.2	40
77	Metal-Free Synthesis of Benzothiophenes by Twofold C ^H Functionalization: Direct Access to Materials-Oriented Heteroaromatics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15675-15679.	13.8	40
78	Radical Anions from Urea-Type Carbonyls: Radical Cyclizations and Cyclization Cascades. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4995-4999.	13.8	39
79	Enantio- and Diastereoselective Synthesis of Homopropargyl Amines by Copper-Catalyzed Coupling of Imines, 1,3-Enynes, and Diborons. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4879-4882.	13.8	37
80	Synthesis of C2 Substituted Benzothiophenes via an Interrupted Pummerer/[3,3]-Sigmatropic/1,2-Migration Cascade of Benzothiophene S ² -Oxides. <i>Angewandte Chemie</i> , 2018, 130, 5861-5866.	2.0	35
81	Regiodivergent Copper Catalyzed Borocyanation of 1,3-Dienes. <i>Angewandte Chemie</i> , 2018, 130, 11475-11479.	2.0	34
82	The Interrupted Pummerer Reaction in a Sulfoxide-Catalyzed Oxidative Coupling of 2-Naphthols. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7813-7817.	13.8	34
83	Selective synthesis of 3-hydroxy acids from Meldrum's acids using SmI ₂ -H ₂ O. <i>Nature Protocols</i> , 2012, 7, 970-977.	12.0	32
84	Biocatalytic Conversion of Cyclic Ketones Bearing β -Quaternary Stereocenters into Lactones in an Enantioselective Radical Approach to Medium-Sized Carbocycles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3692-3696.	13.8	32
85	Single-Scan Selective Excitation of Individual NMR Signals in Overlapping Multiplets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 666-669.	13.8	32
86	Copper-Catalyzed Borylative Cross-Coupling of Allenes and Imines: Selective Three-Component Assembly of Branched Homoallyl Amines. <i>Angewandte Chemie</i> , 2016, 128, 1114-1119.	2.0	31
87	Radical Heterocyclization and Heterocyclization Cascades Triggered by Electron Transfer to Amide-Type Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14262-14266.	13.8	26
88	An Interrupted Pummerer/Nickel-Catalysed Cross-Coupling Sequence. <i>Angewandte Chemie</i> , 2018, 130, 9933-9937.	2.0	26
89	Phase Tag-Assisted Synthesis of Benzo[<i>b</i>]carbazole End-Capped Oligothiophenes. <i>Organic Letters</i> , 2012, 14, 5744-5747.	4.6	25
90	Synthesis of two dihydropyrroloindoleone-based copolymers for organic electronics. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1285-1291.	2.3	24

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91	On the Role of Pre- and Post-Electron Transfer Steps in the Sml ₂ /Amine/H ₂ O-Mediated Reduction of Esters: New Mechanistic Insights and Kinetic Studies. <i>Chemistry - A European Journal</i> , 2014, 20, 4222-4226.	3.3	23
92	Pummerer chemistry of benzothiophene <i>S</i> -oxides: Metal-free alkylation and arylation of benzothiophenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 669-677.	1.6	21
93	Enantioselective Copper-Catalyzed Borylative Cyclization for the Synthesis of Quinazolinones. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14355-14359.	13.8	21
94	Dihydropyrroloindole-dione-based copolymers for organic electronics. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2711.	5.5	19
95	Selective Synthesis of Cyclooctanoids by Radical Cyclization of Seven-Membered Lactones: Neutron Diffraction Study of the Stereoselective Deuteration of a Chiral Organosamarium Intermediate. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12499-12502.	13.8	19
96	Sulfoxide-mediated oxidative cross-coupling of phenols. <i>Chemical Science</i> , 2020, 11, 2001-2005.	7.4	18
97	Sml ₂ -H ₂ O-mediated 5-exo/6-exo lactone radical cyclisation cascades. <i>Chemical Communications</i> , 2014, 50, 12863-12866.	4.1	16
98	Samarium(II) folding cascades involving hydrogen atom transfer for the synthesis of complex polycycles. <i>Nature Communications</i> , 2018, 9, 4802.	12.8	16
99	Stereoselective Capture of N-Acyliminium Ions Generated from \hat{I}^{\pm} -Hydroxy-N-acylcarbamides: Direct Synthesis of Uracils from Barbituric Acids Enabled by Sml ₂ Reduction. <i>Organic Letters</i> , 2014, 16, 452-455.	4.6	15
100	Copper-Catalyzed Double Additions and Radical Cyclization Cascades in the Re-Engineering of the Antibacterial Pleuromutilin. <i>Chemistry - A European Journal</i> , 2016, 22, 116-119.	3.3	15
101	SmCp ^R ₂ -mediated cross-coupling of allyl and propargyl ethers with ketoesters and a telescoped approach to complex cycloheptanols. <i>Chemical Communications</i> , 2016, 52, 13503-13506.	4.1	15
102	The role of H ₂ O in the electron transfer-activation of substrates using Sml ₂ : insights from DFT. <i>Dalton Transactions</i> , 2016, 45, 3706-3710.	3.3	15
103	Reductive cyclisations of amidines involving amination radicals. <i>Chemical Communications</i> , 2018, 54, 10160-10163.	4.1	14
104	Copper-Catalyzed Borylative Couplings with C ⁺ N Electrophiles. <i>Angewandte Chemie</i> , 2020, 132, 20454-20465.	2.0	14
105	Biocatalytic Conversion of Cyclic Ketones Bearing \hat{I}^{\pm} Quaternary Stereocenters into Lactones in an Enantioselective Radical Approach to Medium-Sized Carbocycles. <i>Angewandte Chemie</i> , 2018, 130, 3754-3758.	2.0	13
106	Modular synthesis of unsymmetrical [1]benzothieno[3,2- <i>b</i>][1]benzothiophene molecular semiconductors for organic transistors. <i>Chemical Science</i> , 2022, 13, 421-429.	7.4	12
107	Mechanistic investigation of the selective reduction of Meldrum's acids to \hat{I}^2 -hydroxy acids using Sml ₂ and H ₂ O. <i>Chemical Communications</i> , 2014, 50, 8391-8394.	4.1	11
108	Highly selective Sml ₂ -H ₂ O-promoted radical cyclisation of five-membered lactones. <i>Tetrahedron</i> , 2016, 72, 7691-7698.	1.9	11

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109	Selective construction of quaternary stereocentres in radical cyclisation cascades triggered by electron-transfer reduction of amide-type carbonyls. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4159-4164.	2.8	11
110	Transition-Metal-Free Cross-Coupling of Benzothiophenes and Styrenes in a Stereoselective Synthesis of Substituted (E,Z)-1,3-Dienes. <i>Angewandte Chemie</i> , 2019, 131, 8871-8875.	2.0	11
111	Enantio- and Diastereoselective Synthesis of Homopropargyl Amines by Copper-Catalyzed Coupling of Imines, 1,3-Enynes, and Diborons. <i>Angewandte Chemie</i> , 2020, 132, 4909-4912.	2.0	11
112	Modular Synthesis of Stereodefined Benzocyclobutene Derivatives via Sequential Cu- and Pd-Catalysis. <i>ACS Catalysis</i> , 2021, 11, 14448-14455.	11.2	11
113	Radical Heterocyclization and Heterocyclization Cascades Triggered by Electron Transfer to Amide-Type Carbonyl Compounds. <i>Angewandte Chemie</i> , 2017, 129, 14450-14454.	2.0	10
114	Metal-Free Synthesis of Benzothiophenes by Twofold C-H Functionalization: Direct Access to Materials-Oriented Heteroaromatics. <i>Angewandte Chemie</i> , 2019, 131, 15822-15826.	2.0	10
115	Cascades, Catalysis and Chiral Ligand Control with Sml ₂ ; The Rebirth of a Reagent. <i>Chimia</i> , 2019, 74, 18.	0.6	10
116	Reduction of Selenoamides to Amines Using Sml ₂ -H ₂ O. <i>Organic Letters</i> , 2017, 19, 50-53.	4.6	8
117	Radical Anions from Urea-Type Carbonyls: Radical Cyclizations and Cyclization Cascades. <i>Angewandte Chemie</i> , 2018, 130, 5089-5093.	2.0	8
118	Heterologous production, reconstitution and EPR spectroscopic analysis of prFMN dependent enzymes. <i>Methods in Enzymology</i> , 2019, 620, 489-508.	1.0	8
119	Para-coupling of phenols with C2/C3-substituted benzothiophene S-oxides. <i>Tetrahedron</i> , 2020, 76, 131315.	1.9	6
120	Asymmetric Total Synthesis of (â)-Phaeocaulisin A. <i>Journal of the American Chemical Society</i> , 2022, , .	13.7	6
121	Selective Synthesis of Cyclooctanoids by Radical Cyclization of Seven-Membered Lactones: Neutron Diffraction Study of the Stereoselective Deuteration of a Chiral Organosamarium Intermediate. <i>Angewandte Chemie</i> , 2016, 128, 12687-12690.	2.0	5
122	Samarium Diiodide Catalyzed Radical Cascade Cyclizations that Construct Quaternary Stereocenters. <i>Synlett</i> , 2020, 31, 45-50.	1.8	5
123	Selective Electron Transfer Reduction of Urea-Type Carbonyls. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 313-317.	2.4	4
124	The Interrupted Pummerer Reaction in a Sulfoxide-Catalyzed Oxidative Coupling of 2-Naphthols. <i>Angewandte Chemie</i> , 2019, 131, 7895-7899.	2.0	4
125	Enantioselective Copper-Catalyzed Borylative Cyclization for the Synthesis of Quinazolinones. <i>Angewandte Chemie</i> , 2021, 133, 14476-14480.	2.0	4
126	Trifluoromethyl Sulfoxides: Reagents for Metal-Free C-H Trifluoromethylthiolation. <i>Angewandte Chemie</i> , 2020, 132, 16052-16056.	2.0	3

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127	Singleâ€Scan Selective Excitation of Individual NMR Signals in Overlapping Multiplets. <i>Angewandte Chemie</i> , 2021, 133, 676-679.	2.0	3
128	Inhibitors of the Bub1 spindle assembly checkpoint kinase: synthesis of BAY-320 and comparison with 2OH-BNPP1. <i>Royal Society Open Science</i> , 2021, 8, 210854.	2.4	2
129	Diastereoselective Hydroxyethylation of α -Hydroxyketones: A Reformatsky Cyclizationâ€Lactone Reduction Cascade Mediated by $\text{SmI}_2 \cdot \text{H}_2\text{O}$. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900227.	1.6	1
130	SmI_2 -catalyzed intermolecular couplings by radical relay. <i>Trends in Chemistry</i> , 2021, 3, 982-983.	8.5	1