

Gary A Molander

List of Publications by Year in descending order

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216
papers

22,269
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6233

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228
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228
times ranked

10259
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-electron transmetalation in organoboron cross-coupling by photoredox/nickel dual catalysis. <i>Science</i> , 2014, 345, 433-436.	6.0	1,045
2	Organotrifluoroborates: Protected Boronic Acids That Expand the Versatility of the Suzuki Coupling Reaction. <i>Accounts of Chemical Research</i> , 2007, 40, 275-286.	7.6	857
3	Single-Electron Transmetalation via Photoredox/Nickel Dual Catalysis: Unlocking a New Paradigm for sp^3 - sp^2 Cross-Coupling. <i>Accounts of Chemical Research</i> , 2016, 49, 1429-1439.	7.6	564
4	Lanthanocene Catalysts in Selective Organic Synthesis. <i>Chemical Reviews</i> , 2002, 102, 2161-2186.	23.0	491
5	Nickel-Catalyzed Cross-Coupling of Photoredox-Generated Radicals: Uncovering a General Manifold for Stereoconvergence in Nickel-Catalyzed Cross-Couplings. <i>Journal of the American Chemical Society</i> , 2015, 137, 4896-4899.	6.6	491
6	Photoredox-Mediated Routes to Radicals: The Value of Catalytic Radical Generation in Synthetic Methods Development. <i>ACS Catalysis</i> , 2017, 7, 2563-2575.	5.5	468
7	Alkyl Carbon-Carbon Bond Formation by Nickel/Photoredox Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6152-6163.	7.2	465
8	Organotrifluoroborates and Monocoordinated Palladium Complexes as Catalysts: A Perfect Combination for Suzuki-Miyaura Coupling. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9240-9261.	7.2	400
9	Photochemical Nickel-Catalyzed C-H Arylation: Synthetic Scope and Mechanistic Investigations. <i>Journal of the American Chemical Society</i> , 2016, 138, 12715-12718.	6.6	399
10	Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling Reactions of Potassium Aryl- and Heteroaryltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2003, 68, 4302-4314.	1.7	389
11	Diverse Methods for Medium Ring Synthesis. <i>Accounts of Chemical Research</i> , 1998, 31, 603-609.	7.6	334
12	Single-Electron Transmetalation: An Enabling Technology for Secondary Alkylboron Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2015, 137, 2195-2198.	6.6	286
13	Photoredox Generation of Carbon-Centered Radicals Enables the Construction of 1,1-Difluoroalkene Carbonyl Mimics. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15073-15077.	7.2	276
14	Direct Alkylation of Heteroaryls Using Potassium Alkyl- and Alkoxyethyltrifluoroborates. <i>Organic Letters</i> , 2011, 13, 1852-1855.	2.4	259
15	Palladium-Catalyzed, Direct Boronic Acid Synthesis from Aryl Chlorides: A Simplified Route to Diverse Boronate Ester Derivatives. <i>Journal of the American Chemical Society</i> , 2010, 132, 17701-17703.	6.6	253
16	Open-Air Alkylation Reactions in Photoredox-Catalyzed DNA-Encoded Library Synthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 3723-3732.	6.6	250
17	Base-Free Photoredox/Nickel Dual-Catalytic Cross-Coupling of Ammonium Alkylsilicates. <i>Journal of the American Chemical Society</i> , 2016, 138, 475-478.	6.6	248
18	Metal-free C-H alkylation of heteroarenes with alkyltrifluoroborates: a general protocol for 1°, 2° and 3° alkylation. <i>Chemical Science</i> , 2017, 8, 3512-3522.	3.7	239

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19	Efficient Cross-Coupling of Secondary Alkyltrifluoroborates with Aryl Chlorides Reaction Discovery Using Parallel Microscale Experimentation. <i>Journal of the American Chemical Society</i> , 2008, 130, 9257-9259.	6.6	235
20	Neutral alkylations via palladium(0) catalysis. <i>Journal of the American Chemical Society</i> , 1981, 103, 5969-5972.	6.6	234
21	Suzuki Cross-Coupling Reactions of Potassium Alkenyltrifluoroborates. <i>Organic Letters</i> , 2002, 4, 107-109.	2.4	224
22	Scope of the Suzuki-Miyaura Cross-Coupling Reactions of Potassium Heteroaryltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2009, 74, 973-980.	1.7	224
23	Late-Stage C-H Alkylation of Heterocycles and 1,4-Quinones via Oxidative Homolysis of 1,4-Dihydropyridines. <i>Journal of the American Chemical Society</i> , 2017, 139, 12251-12258.	6.6	218
24	1,4-Dihydropyridines as Alkyl Radical Precursors: Introducing the Aldehyde Feedstock to Nickel/Photoredox Dual Catalysis. <i>ACS Catalysis</i> , 2016, 6, 8004-8008.	5.5	216
25	Enabling the Cross-Coupling of Tertiary Organoboron Nucleophiles through Radical-Mediated Alkyl Transfer. <i>Journal of the American Chemical Society</i> , 2017, 139, 9847-9850.	6.6	208
26	Cross-Coupling Reactions of Potassium Alkyltrifluoroborates with Aryl and 1-Alkenyl Trifluoromethanesulfonates. <i>Organic Letters</i> , 2001, 3, 393-396.	2.4	203
27	Stereospecific Cross-Coupling of Secondary Alkyl ¹² -Trifluoroboratoamides. <i>Journal of the American Chemical Society</i> , 2010, 132, 17108-17110.	6.6	201
28	Development of the Suzuki-Miyaura Cross-Coupling Reaction: Use of Air-Stable Potassium Alkynyltrifluoroborates in Aryl Alkynylations. <i>Journal of Organic Chemistry</i> , 2002, 67, 8416-8423.	1.7	197
29	Thioetherification via Photoredox/Nickel Dual Catalysis. <i>Organic Letters</i> , 2016, 18, 876-879.	2.4	180
30	Stereospecific Cross-Coupling of Secondary Organotrifluoroborates: Potassium 1-(Benzyloxy)alkyltrifluoroborates. <i>Journal of the American Chemical Society</i> , 2012, 134, 16856-16868.	6.6	178
31	Organotrifluoroborates: Another Branch of the Mighty Oak. <i>Journal of Organic Chemistry</i> , 2015, 80, 7837-7848.	1.7	177
32	Redox-Neutral Photocatalytic Cyclopropanation via Radical/Polar Crossover. <i>Journal of the American Chemical Society</i> , 2018, 140, 8037-8047.	6.6	177
33	Developments in Photoredox/Nickel Dual-Catalyzed 1,2-Difunctionalizations. <i>CheM</i> , 2020, 6, 1327-1339.	5.8	173
34	Suzuki-Miyaura Cross-Coupling Reactions of Potassium Alkenyltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2002, 67, 8424-8429.	1.7	170
35	Suzuki-Miyaura Cross-Coupling Reactions of Benzyl Halides with Potassium Aryltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2006, 71, 9198-9202.	1.7	162
36	Three-Component Olefin Dicarbofunctionalization Enabled by Nickel/Photoredox Dual Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 20069-20078.	6.6	162

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37	Stereinduction in Metallaphotoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1714-1726.	7.2	161
38	Efficient Ligandless Palladium-Catalyzed Suzuki Reactions of Potassium Aryltrifluoroborates. <i>Organic Letters</i> , 2002, 4, 1867-1870.	2.4	160
39	B-Alkyl Suzuki-Miyaura Cross-Coupling Reactions with Air-Stable Potassium Alkyltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2003, 68, 5534-5539.	1.7	152
40	Formal Total Synthesis of Oximidine II via a Suzuki-Type Cross-Coupling Macrocyclization Employing Potassium Organotrifluoroborates. <i>Journal of the American Chemical Society</i> , 2004, 126, 10313-10318.	6.6	151
41	Synthesis of Reversed <i>C</i> -Acyl Glycosides through Ni/Photoredox Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6610-6613.	7.2	151
42	On the Nature of C(sp ³)-C(sp ²) Bond Formation in Nickel-Catalyzed Tertiary Radical Cross-Couplings: A Case Study of Ni/Photoredox Catalytic Cross-Coupling of Alkyl Radicals and Aryl Halides. <i>Journal of the American Chemical Society</i> , 2020, 142, 7225-7234.	6.6	151
43	Suzuki-Miyaura Cross-Coupling Reactions of Potassium Vinyltrifluoroborate with Aryl and Heteroaryl Electrophiles. <i>Journal of Organic Chemistry</i> , 2006, 71, 9681-9686.	1.7	147
44	Mild, Redox-Neutral Alkylation of Imines Enabled by an Organic Photocatalyst. <i>ACS Catalysis</i> , 2017, 7, 1766-1770.	5.5	147
45	Stereoselective Suzuki-Miyaura Cross-Coupling Reactions of Potassium Alkenyltrifluoroborates with Alkenyl Bromides. <i>Journal of Organic Chemistry</i> , 2005, 70, 3950-3956.	1.7	146
46	Synthesis of Non-Classical Arylated C-Saccharides through Nickel/Photoredox Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6614-6618.	7.2	142
47	Deaminative Reductive Arylation Enabled by Nickel/Photoredox Dual Catalysis. <i>Organic Letters</i> , 2019, 21, 3346-3351.	2.4	139
48	Ortho-Arylation/Heteroarylation of Chiral Aminomethyltrifluoroborates by Synergistic Iridium Photoredox/Nickel Cross-Coupling Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 254-258.	7.2	131
49	Scope of the Palladium-Catalyzed Aryl Borylation Utilizing Bis-Boronic Acid. <i>Journal of the American Chemical Society</i> , 2012, 134, 11667-11673.	6.6	127
50	Scalable thioarylation of unprotected peptides and biomolecules under Ni/photoredox catalysis. <i>Chemical Science</i> , 2018, 9, 336-344.	3.7	123
51	Total Synthesis of (+)-Isoschizandrin Utilizing a Samarium(II) Iodide-Promoted 8-Endo Ketyl-Olefin Cyclization. <i>Journal of Organic Chemistry</i> , 2003, 68, 9533-9540.	1.7	122
52	Nickel-Catalyzed C-O Activation of Phenol Derivatives with Potassium Heteroaryltrifluoroborates. <i>Organic Letters</i> , 2010, 12, 4022-4025.	2.4	122
53	Oxidation of Organotrifluoroborates via Oxone. <i>Journal of Organic Chemistry</i> , 2011, 76, 623-630.	1.7	121
54	Photoredox Cross-Coupling: Ir/Ni Dual Catalysis for the Synthesis of Benzylic Ethers. <i>Organic Letters</i> , 2015, 17, 3294-3297.	2.4	113

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55	Visible-Light-Mediated Alkenylation, Allylation, and Cyanation of Potassium Alkyltrifluoroborates with Organic Photoredox Catalysts. <i>Journal of Organic Chemistry</i> , 2016, 81, 7308-7313.	1.7	113
56	Nickel-Catalyzed Borylation of Halides and Pseudohalides with Tetrahydroxydiboron [B ₂ (OH) ₄]. <i>Journal of Organic Chemistry</i> , 2013, 78, 6427-6439.	1.7	111
57	Synergistic Visible-Light Photoredox/Nickel-Catalyzed Synthesis of Aliphatic Ketones via N-C Cleavage of Imides. <i>Organic Letters</i> , 2017, 19, 2426-2429.	2.4	111
58	Photoredox-Mediated Net-Neutral Radical/Polar Crossover Reactions. <i>Israel Journal of Chemistry</i> , 2020, 60, 281-293.	1.0	108
59	Photochemical C-H Activation Enables Nickel-Catalyzed Olefin Dicarbofunctionalization. <i>Journal of the American Chemical Society</i> , 2021, 143, 3901-3910.	6.6	106
60	Scope of the Two-Step, One-Pot Palladium-Catalyzed Borylation/Suzuki Cross-Coupling Reaction Utilizing Bis-Boronic Acid. <i>Journal of Organic Chemistry</i> , 2012, 77, 8678-8688.	1.7	105
61	Engaging sulfinate salts via Ni/photoredox dual catalysis enables facile C(sp ²)-SO ₂ R coupling. <i>Chemical Science</i> , 2018, 9, 3186-3191.	3.7	104
62	Photochemical C-F Activation Enables Defluorinative Alkylation of Trifluoroacetates and -Acetamides. <i>Journal of the American Chemical Society</i> , 2021, 143, 19648-19654.	6.6	104
63	Cross-Coupling of Cyclopropyl- and Cyclobutyltrifluoroborates with Aryl and Heteroaryl Chlorides. <i>Journal of Organic Chemistry</i> , 2008, 73, 7481-7485.	1.7	103
64	Efficient Hydrolysis of Organotrifluoroborates via Silica Gel and Water. <i>Journal of Organic Chemistry</i> , 2009, 74, 7364-7369.	1.7	103
65	Reductive Cross-Coupling of Nonaromatic, Heterocyclic Bromides with Aryl and Heteroaryl Bromides. <i>Journal of Organic Chemistry</i> , 2014, 79, 5771-5780.	1.7	103
66	Alkyl-C-C-Bindungsbildung durch Nickel/Photoredox-Kreuzkupplung. <i>Angewandte Chemie</i> , 2019, 131, 6212-6224.	1.6	101
67	Engaging Alkenyl Halides with Alkylsilicates via Photoredox Dual Catalysis. <i>Organic Letters</i> , 2016, 18, 764-767.	2.4	100
68	Visible Light Photoredox Cross-Coupling of Acyl Chlorides with Potassium Alkoxyethyltrifluoroborates: Synthesis of α -Alkoxyketones. <i>Organic Letters</i> , 2016, 18, 732-735.	2.4	100
69	Orthogonal Reactivity in Boryl-Substituted Organotrifluoroborates. <i>Journal of the American Chemical Society</i> , 2008, 130, 15792-15793.	6.6	97
70	Synthesis of an Acyltrifluoroborate and Its Fusion with Azides To Form Amides. <i>Journal of Organic Chemistry</i> , 2010, 75, 4304-4306.	1.7	93
71	Synthesis of Functionalized Organotrifluoroborates via Halomethyltrifluoroborates. <i>Organic Letters</i> , 2006, 8, 2031-2034.	2.4	92
72	Synthesis of Unsaturated Organotrifluoroborates via Wittig and Horner-Wadsworth-Emmons Olefination. <i>Journal of Organic Chemistry</i> , 2006, 71, 6135-6140.	1.7	91

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73	One-Pot Synthesis of Trisubstituted Conjugated Dienes via Sequential Suzuki-Miyaura Cross-Coupling with Alkenyl- and Alkyltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2006, 71, 2493-2498.	1.7	91
74	Photoactive electron donor-acceptor complex platform for Ni-mediated C(sp ³)-C(sp ²) bond formation. <i>Chemical Science</i> , 2021, 12, 5450-5457.	3.7	91
75	Palladium(0)-Catalyzed Synthesis of Chiral Ene-allenes Using Alkenyl Trifluoroborates. <i>Journal of Organic Chemistry</i> , 2006, 71, 1563-1568.	1.7	90
76	Diastereoselective Synthesis of Vicinally Bis(trifluoromethylated) Alkylboron Compounds through Successive Insertions of 2,2,2-trifluorodiazethane. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14181-14185.	7.2	89
77	Merging Photoredox PCET with Ni-Catalyzed Cross-Coupling: Cascade Amidoarylation of Unactivated Olefins. <i>Chem</i> , 2019, 5, 339-352.	5.8	89
78	Preparation of Potassium Alkoxyethyltrifluoroborates and Their Cross-Coupling with Aryl Chlorides. <i>Organic Letters</i> , 2008, 10, 2135-2138.	2.4	85
79	A Diastereoselective Intramolecular Hydroamination Approach to the Syntheses of (+)-, (±)-, and (−)-Pinidinol. <i>Journal of Organic Chemistry</i> , 2001, 66, 4344-4347.	1.7	84
80	Photoredox/Nickel-Catalyzed Single-Electron Tsuji-Trost Reaction: Development and Mechanistic Insights. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15847-15851.	7.2	84
81	Synthesis of Functionalized Organotrifluoroborates via the 1,3-Dipolar Cycloaddition of Azides. <i>Organic Letters</i> , 2006, 8, 2767-2770.	2.4	83
82	A Convergent, Modular Approach to Functionalized 2,1-Borazaronaphthalenes from 2-Aminostyrenes and Potassium Organotrifluoroborates. <i>Journal of Organic Chemistry</i> , 2014, 79, 365-378.	1.7	83
83	Metal-free defluorinative arylation of trifluoromethyl alkenes via photoredox catalysis. <i>Chemical Communications</i> , 2019, 55, 7599-7602.	2.2	83
84	Protecting group-free, selective cross-coupling of alkyltrifluoroborates with borylated aryl bromides via photoredox/nickel dual catalysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12026-12029.	3.3	82
85	Single-Electron Transmetalation: Synthesis of 1,1-Diarylethane-2,2-difluoroethanes by Photoredox/Nickel Dual Catalytic Cross-Coupling. <i>Chemistry - A European Journal</i> , 2016, 22, 120-123.	1.7	81
86	Highly Stereoselective Synthesis of <i>cis</i> -Alkenyl Pinacolboronates and Potassium <i>cis</i> -Alkenyltrifluoroborates via a Hydroboration/Protodeboronation Approach. <i>Journal of Organic Chemistry</i> , 2008, 73, 6841-6844.	1.7	80
87	Engaging Nonaromatic, Heterocyclic Tosylates in Reductive Cross-Coupling with Aryl and Heteroaryl Bromides. <i>Journal of Organic Chemistry</i> , 2015, 80, 2907-2911.	1.7	80
88	<i>cis</i> -Dihydroxylation of Unsaturated Potassium Alkyl- and Aryltrifluoroborates. <i>Organic Letters</i> , 2006, 8, 75-78.	2.4	78
89	Synthesis and Application of Chiral Cyclopropane-Based Ligands in Palladium-Catalyzed Allylic Alkylation. <i>Journal of Organic Chemistry</i> , 2004, 69, 8062-8069.	1.7	77
90	Synthesis and Minisci Reactions of Organotrifluoroborate Building Blocks. <i>Journal of Organic Chemistry</i> , 2013, 78, 4615-4619.	1.7	77

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91	Direct Conversion of Carboxylic Acids to Alkyl Ketones. <i>Organic Letters</i> , 2017, 19, 3612-3615.	2.4	77
92	Sequenced Reactions with Samarium(II) Iodide. Sequential Intramolecular Barbier Cyclization/Grob Fragmentation for the Synthesis of Medium-Sized Carbocycles. <i>Journal of Organic Chemistry</i> , 2001, 66, 4511-4516.	1.7	76
93	Aminomethylations via Cross-Coupling of Potassium Organotrifluoroborates with Aryl Bromides. <i>Organic Letters</i> , 2007, 9, 1597-1600.	2.4	76
94	Nitrosation of Aryl and Heteroaryltrifluoroborates with Nitrosonium Tetrafluoroborate. <i>Journal of Organic Chemistry</i> , 2012, 77, 4402-4413.	1.7	76
95	<i>o</i> -Benzyl Xanthate Esters under Ni/Photoredox Dual Catalysis: Selective Radical Generation and Csp ³ -Csp ² Cross-Coupling. <i>ACS Catalysis</i> , 2017, 7, 3955-3959.	5.5	76
96	Synthesis of α -Fluoro- β -amino Acid Derivatives via Photoredox-Catalyzed Carbofluorination. <i>ACS Catalysis</i> , 2019, 9, 1558-1563.	5.5	76
97	Suzuki-Miyaura Cross-Coupling of Potassium Trifluoroboratohomoenolates. <i>Organic Letters</i> , 2008, 10, 1795-1798.	2.4	75
98	Synthesis of Trifluoromethylated Isoxazolidines: 1,3-Dipolar Cycloaddition of Nitrosoarenes, (Trifluoromethyl)diazomethane, and Alkenes. <i>Organic Letters</i> , 2013, 15, 3166-3169.	2.4	75
99	Scope of Aminomethylations via Suzuki-Miyaura Cross-Coupling of Organotrifluoroborates. <i>Journal of Organic Chemistry</i> , 2008, 73, 2052-2057.	1.7	74
100	Photoredox Catalysis in Nickel-Catalyzed Cross-Coupling. <i>Topics in Current Chemistry</i> , 2016, 374, 39.	3.0	74
101	Oxidation of Hydroxyl-Substituted Organotrifluoroborates. <i>Journal of the American Chemical Society</i> , 2006, 128, 9634-9635.	6.6	72
102	Preparation of visible-light-activated metal complexes and their use in photoredox/nickel dual catalysis. <i>Nature Protocols</i> , 2017, 12, 472-492.	5.5	72
103	Organocatalyzed, Photoredox Heteroarylation of 2-Trifluoroboratochromanones via C-H Functionalization. <i>Organic Letters</i> , 2017, 19, 950-953.	2.4	71
104	Linchpin Synthons: α Metalation of Aryl Bromides Bearing a Potassium Trifluoroborate Moiety. <i>Journal of Organic Chemistry</i> , 2006, 71, 7491-7493.	1.7	70
105	Metal-Free Chlorodeboronation of Organotrifluoroborates. <i>Journal of Organic Chemistry</i> , 2011, 76, 7195-7203.	1.7	70
106	Toward a General Route to the Eunicellin Diterpenes: α The Asymmetric Total Synthesis of Deacetoxyalcyonin Acetate. <i>Journal of the American Chemical Society</i> , 2004, 126, 1642-1643.	6.6	67
107	Aminomethylation of Aryl Halides Using α -Silylamines Enabled by Ni/Photoredox Dual Catalysis. <i>ACS Catalysis</i> , 2017, 7, 6065-6069.	5.5	67
108	Ozonolysis of Unsaturated Organotrifluoroborates. <i>Journal of Organic Chemistry</i> , 2007, 72, 3558-3560.	1.7	65

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109	Sustainable Thioetherification via Electron Donor–Acceptor Photoactivation Using Thianthrenium Salts. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	65
110	Palladium(0)-Catalyzed Suzuki–Miyaura Cross-Coupling Reactions of Potassium Aryl- and Heteroaryltrifluoroborates with Alkenyl Bromides. <i>Journal of Organic Chemistry</i> , 2006, 71, 5743-5747.	1.7	63
111	Synthesis of Amidomethyltrifluoroborates and Their Use in Cross-Coupling Reactions. <i>Organic Letters</i> , 2010, 12, 4876-4879.	2.4	59
112	β -Aminoethyltrifluoroborates: An Efficient Aminoethylations via Suzuki–Miyaura Cross-Coupling. <i>Organic Letters</i> , 2007, 9, 203-206.	2.4	58
113	Reductive Cross-Coupling of 3-Bromo-2,1-borazaronaphthalenes with Alkyl Iodides. <i>Organic Letters</i> , 2014, 16, 3692-3695.	2.4	58
114	Accessing Molecularly Complex Azaborines: Palladium-Catalyzed Suzuki–Miyaura Cross-Couplings of Brominated 2,1-Borazaronaphthalenes and Potassium Organotrifluoroborates. <i>Journal of Organic Chemistry</i> , 2014, 79, 6663-6678.	1.7	58
115	Ketyl–Allene Cyclizations Promoted by Samarium(II) Iodide. <i>Journal of Organic Chemistry</i> , 2005, 70, 2622-2626.	1.7	57
116	Radical/Polar Annulation Reactions (RPARs) Enable the Modular Construction of Cyclopropanes. <i>Organic Letters</i> , 2018, 20, 6840-6844.	2.4	57
117	Photoredox-Catalyzed Multicomponent Petasis Reaction with Alkyltrifluoroborates. <i>Organic Letters</i> , 2019, 21, 4853-4858.	2.4	57
118	Multifunctional Building Blocks Compatible with Photoredox-Mediated Alkylation for DNA-Encoded Library Synthesis. <i>Organic Letters</i> , 2020, 22, 1046-1051.	2.4	57
119	Samarium(II) Iodide-Mediated Intramolecular Conjugate Additions of β,β -Unsaturated Lactones. <i>Journal of Organic Chemistry</i> , 2002, 67, 3861-3865.	1.7	56
120	Direct β -Arylation/Heteroarylation of 2-Trifluoroboratochromanones via Photoredox/Nickel Dual Catalysis. <i>Organic Letters</i> , 2017, 19, 436-439.	2.4	56
121	Nickel/Photoredox-Catalyzed Amidation via Alkylsilicates and Isocyanates. <i>ACS Catalysis</i> , 2017, 7, 7957-7961.	5.5	56
122	Utilization of Potassium Vinyltrifluoroborate in the Development of a 1,2-Dianion Equivalent. <i>Organic Letters</i> , 2009, 11, 2369-2372.	2.4	54
123	Synergistic Photoredox/Nickel Coupling of Acyl Chlorides with Secondary Alkyltrifluoroborates: Dialkyl Ketone Synthesis. <i>Journal of Organic Chemistry</i> , 2017, 82, 1856-1863.	1.7	54
124	Synthesis and Suzuki–Miyaura Cross-Coupling Reactions of Potassium Boc-Protected Aminomethyltrifluoroborate with Aryl and Heteroaryl Halides. <i>Organic Letters</i> , 2011, 13, 3956-3959.	2.4	53
125	Determining the Scope of the Organolanthanide-Catalyzed, Sequential Intramolecular Amination/Cyclization Reaction: An Efficient Formation of Substituted Quinolizidines, Indolizidines, and Pyrrolizidines. <i>Journal of Organic Chemistry</i> , 2003, 68, 9214-9220.	1.7	52
126	Preparation and Wittig Reactions of Organotrifluoroborato Phosphonium Ylides. <i>Organic Letters</i> , 2007, 9, 821-824.	2.4	52

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127	Scope of the Suzuki–Miyaura Cross-Coupling Reaction of Potassium Trifluoroborateketohomoenolates. <i>Journal of Organic Chemistry</i> , 2009, 74, 1297-1303.	1.7	51
128	Accessing Elaborated 2,1-Borazonaphthalene Cores Using Photoredox/Nickel Dual-Catalytic Functionalization. <i>Organic Letters</i> , 2016, 18, 1606-1609.	2.4	51
129	Photoredox Radical/Polar Crossover Enables Construction of Saturated Nitrogen Heterocycles. <i>Organic Letters</i> , 2019, 21, 2317-2321.	2.4	51
130	Nickel-Catalyzed Cross-Coupling of Potassium Aryl- and Heteroaryltrifluoroborates with Unactivated Alkyl Halides. <i>Organic Letters</i> , 2010, 12, 5783-5785.	2.4	48
131	Copper-Catalyzed β -Boration of α,β -Unsaturated Carbonyl Compounds with Tetrahydroxydiborane. <i>Organic Letters</i> , 2011, 13, 4684-4687.	2.4	48
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