

Gary A Molander

List of Publications by Year in descending order

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216
papers

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times ranked

10259
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Single-electron transmetalation in organoboron cross-coupling by photoredox/nickel dual catalysis. <i>Science</i> , 2014, 345, 433-436. | 12.6 | 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. | 15.6 | 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. | 15.6 | 564 |
| 4 | Lanthanocene Catalysts in Selective Organic Synthesis. <i>Chemical Reviews</i> , 2002, 102, 2161-2186. | 47.7 | 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. | 13.7 | 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. | 11.2 | 468 |
| 7 | Alkyl Carbon-Carbon Bond Formation by Nickel/Photoredox Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6152-6163. | 13.8 | 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. | 13.8 | 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. | 13.7 | 399 |
| 10 | Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling Reactions of Potassium Aryl- and Heteroaryltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2003, 68, 4302-4314. | 3.2 | 389 |
| 11 | Diverse Methods for Medium Ring Synthesis. <i>Accounts of Chemical Research</i> , 1998, 31, 603-609. | 15.6 | 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. | 13.7 | 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. | 13.8 | 276 |
| 14 | Direct Alkylation of Heteroaryls Using Potassium Alkyl- and Alkoxyethyltrifluoroborates. <i>Organic Letters</i> , 2011, 13, 1852-1855. | 4.6 | 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. | 13.7 | 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. | 13.7 | 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. | 13.7 | 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. | 7.4 | 239 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 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. | 13.7 | 235 |
| 20 | Neutral alkylations via palladium(0) catalysis. <i>Journal of the American Chemical Society</i> , 1981, 103, 5969-5972. | 13.7 | 234 |
| 21 | Suzuki Cross-Coupling Reactions of Potassium Alkenyltrifluoroborates. <i>Organic Letters</i> , 2002, 4, 107-109. | 4.6 | 224 |
| 22 | Scope of the Suzuki-Miyaura Cross-Coupling Reactions of Potassium Heteroaryltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2009, 74, 973-980. | 3.2 | 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. | 13.7 | 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. | 11.2 | 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. | 13.7 | 208 |
| 26 | Cross-Coupling Reactions of Potassium Alkyltrifluoroborates with Aryl and 1-Alkenyl Trifluoromethanesulfonates. <i>Organic Letters</i> , 2001, 3, 393-396. | 4.6 | 203 |
| 27 | Stereospecific Cross-Coupling of Secondary Alkyl ¹² -Trifluoroboratoamides. <i>Journal of the American Chemical Society</i> , 2010, 132, 17108-17110. | 13.7 | 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. | 3.2 | 197 |
| 29 | Thioetherification via Photoredox/Nickel Dual Catalysis. <i>Organic Letters</i> , 2016, 18, 876-879. | 4.6 | 180 |
| 30 | Stereospecific Cross-Coupling of Secondary Organotrifluoroborates: Potassium 1-(Benzyloxy)alkyltrifluoroborates. <i>Journal of the American Chemical Society</i> , 2012, 134, 16856-16868. | 13.7 | 178 |
| 31 | Organotrifluoroborates: Another Branch of the Mighty Oak. <i>Journal of Organic Chemistry</i> , 2015, 80, 7837-7848. | 3.2 | 177 |
| 32 | Redox-Neutral Photocatalytic Cyclopropanation via Radical/Polar Crossover. <i>Journal of the American Chemical Society</i> , 2018, 140, 8037-8047. | 13.7 | 177 |
| 33 | Developments in Photoredox/Nickel Dual-Catalyzed 1,2-Difunctionalizations. <i>CheM</i> , 2020, 6, 1327-1339. | 11.7 | 173 |
| 34 | Suzuki-Miyaura Cross-Coupling Reactions of Potassium Alkenyltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2002, 67, 8424-8429. | 3.2 | 170 |
| 35 | Suzuki-Miyaura Cross-Coupling Reactions of Benzyl Halides with Potassium Aryltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2006, 71, 9198-9202. | 3.2 | 162 |
| 36 | Three-Component Olefin Dicarbofunctionalization Enabled by Nickel/Photoredox Dual Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 20069-20078. | 13.7 | 162 |

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|----|--|------|-----------|
| 37 | Stereinduction in Metallaphotoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1714-1726. | 13.8 | 161 |
| 38 | Efficient Ligandless Palladium-Catalyzed Suzuki Reactions of Potassium Aryltrifluoroborates. <i>Organic Letters</i> , 2002, 4, 1867-1870. | 4.6 | 160 |
| 39 | B-Alkyl Suzuki-Miyaura Cross-Coupling Reactions with Air-Stable Potassium Alkyltrifluoroborates. <i>Journal of Organic Chemistry</i> , 2003, 68, 5534-5539. | 3.2 | 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. | 13.7 | 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. | 13.8 | 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. | 13.7 | 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. | 3.2 | 147 |
| 44 | Mild, Redox-Neutral Alkylation of Imines Enabled by an Organic Photocatalyst. <i>ACS Catalysis</i> , 2017, 7, 1766-1770. | 11.2 | 147 |
| 45 | Stereoselective Suzuki-Miyaura Cross-Coupling Reactions of Potassium Alkenyltrifluoroborates with Alkenyl Bromides. <i>Journal of Organic Chemistry</i> , 2005, 70, 3950-3956. | 3.2 | 146 |
| 46 | Synthesis of Non-Classical Arylated Saccharides through Nickel/Photoredox Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6614-6618. | 13.8 | 142 |
| 47 | Deaminative Reductive Arylation Enabled by Nickel/Photoredox Dual Catalysis. <i>Organic Letters</i> , 2019, 21, 3346-3351. | 4.6 | 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. | 13.8 | 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. | 13.7 | 127 |
| 50 | Scalable thioarylation of unprotected peptides and biomolecules under Ni/photoredox catalysis. <i>Chemical Science</i> , 2018, 9, 336-344. | 7.4 | 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. | 3.2 | 122 |
| 52 | Nickel-Catalyzed C=O Activation of Phenol Derivatives with Potassium Heteroaryltrifluoroborates. <i>Organic Letters</i> , 2010, 12, 4022-4025. | 4.6 | 122 |
| 53 | Oxidation of Organotrifluoroborates via Oxone. <i>Journal of Organic Chemistry</i> , 2011, 76, 623-630. | 3.2 | 121 |
| 54 | Photoredox Cross-Coupling: Ir/Ni Dual Catalysis for the Synthesis of Benzylic Ethers. <i>Organic Letters</i> , 2015, 17, 3294-3297. | 4.6 | 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. | 3.2 | 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. | 3.2 | 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. | 4.6 | 111 |
| 58 | Photoredox-Mediated Net-Neutral Radical/Polar Crossover Reactions. <i>Israel Journal of Chemistry</i> , 2020, 60, 281-293. | 2.3 | 108 |
| 59 | Photochemical C-H Activation Enables Nickel-Catalyzed Olefin Dicarbofunctionalization. <i>Journal of the American Chemical Society</i> , 2021, 143, 3901-3910. | 13.7 | 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. | 3.2 | 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. | 7.4 | 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. | 13.7 | 104 |
| 63 | Cross-Coupling of Cyclopropyl- and Cyclobutyltrifluoroborates with Aryl and Heteroaryl Chlorides. <i>Journal of Organic Chemistry</i> , 2008, 73, 7481-7485. | 3.2 | 103 |
| 64 | Efficient Hydrolysis of Organotrifluoroborates via Silica Gel and Water. <i>Journal of Organic Chemistry</i> , 2009, 74, 7364-7369. | 3.2 | 103 |
| 65 | Reductive Cross-Coupling of Nonaromatic, Heterocyclic Bromides with Aryl and Heteroaryl Bromides. <i>Journal of Organic Chemistry</i> , 2014, 79, 5771-5780. | 3.2 | 103 |
| 66 | Alkyl-C-C-Bindungsbildung durch Nickel/Photoredox-Kreuzkupplung. <i>Angewandte Chemie</i> , 2019, 131, 6212-6224. | 2.0 | 101 |
| 67 | Engaging Alkenyl Halides with Alkylsilicates via Photoredox Dual Catalysis. <i>Organic Letters</i> , 2016, 18, 764-767. | 4.6 | 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. | 4.6 | 100 |
| 69 | Orthogonal Reactivity in Boryl-Substituted Organotrifluoroborates. <i>Journal of the American Chemical Society</i> , 2008, 130, 15792-15793. | 13.7 | 97 |
| 70 | Synthesis of an Acyltrifluoroborate and Its Fusion with Azides To Form Amides. <i>Journal of Organic Chemistry</i> , 2010, 75, 4304-4306. | 3.2 | 93 |
| 71 | Synthesis of Functionalized Organotrifluoroborates via Halomethyltrifluoroborates. <i>Organic Letters</i> , 2006, 8, 2031-2034. | 4.6 | 92 |
| 72 | Synthesis of Unsaturated Organotrifluoroborates via Wittig and Horner-Wadsworth-Emmons Olefination. <i>Journal of Organic Chemistry</i> , 2006, 71, 6135-6140. | 3.2 | 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. | 3.2 | 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. | 7.4 | 91 |
| 75 | Palladium(0)-Catalyzed Synthesis of Chiral Ene-allenes Using Alkenyl Trifluoroborates. <i>Journal of Organic Chemistry</i> , 2006, 71, 1563-1568. | 3.2 | 90 |
| 76 | Diastereoselective Synthesis of Vicinally Bis(trifluoromethylated) Alkylboron Compounds through Successive Insertions of 2,2,2-trifluorodiazoethane. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14181-14185. | 13.8 | 89 |
| 77 | Merging Photoredox PCET with Ni-Catalyzed Cross-Coupling: Cascade Amidoarylation of Unactivated Olefins. <i>Chem</i> , 2019, 5, 339-352. | 11.7 | 89 |
| 78 | Preparation of Potassium Alkoxyethyltrifluoroborates and Their Cross-Coupling with Aryl Chlorides. <i>Organic Letters</i> , 2008, 10, 2135-2138. | 4.6 | 85 |
| 79 | A Diastereoselective Intramolecular Hydroamination Approach to the Syntheses of (+)-, (±)-, and (−)-Pinidinol. <i>Journal of Organic Chemistry</i> , 2001, 66, 4344-4347. | 3.2 | 84 |
| 80 | Photoredox/Nickel-Catalyzed Single-Electron Tsuji-Trost Reaction: Development and Mechanistic Insights. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15847-15851. | 13.8 | 84 |
| 81 | Synthesis of Functionalized Organotrifluoroborates via the 1,3-Dipolar Cycloaddition of Azides. <i>Organic Letters</i> , 2006, 8, 2767-2770. | 4.6 | 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. | 3.2 | 83 |
| 83 | Metal-free defluorinative arylation of trifluoromethyl alkenes via photoredox catalysis. <i>Chemical Communications</i> , 2019, 55, 7599-7602. | 4.1 | 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. | 7.1 | 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. | 3.3 | 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. | 3.2 | 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. | 3.2 | 80 |
| 88 | <i>cis</i> -Dihydroxylation of Unsaturated Potassium Alkyl- and Aryltrifluoroborates. <i>Organic Letters</i> , 2006, 8, 75-78. | 4.6 | 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. | 3.2 | 77 |
| 90 | Synthesis and Minisci Reactions of Organotrifluoroborate Building Blocks. <i>Journal of Organic Chemistry</i> , 2013, 78, 4615-4619. | 3.2 | 77 |

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|-----|--|------|-----------|
| 91 | Direct Conversion of Carboxylic Acids to Alkyl Ketones. <i>Organic Letters</i> , 2017, 19, 3612-3615. | 4.6 | 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. | 3.2 | 76 |
| 93 | Aminomethylations via Cross-Coupling of Potassium Organotrifluoroborates with Aryl Bromides. <i>Organic Letters</i> , 2007, 9, 1597-1600. | 4.6 | 76 |
| 94 | Nitrosation of Aryl and Heteroaryltrifluoroborates with Nitrosonium Tetrafluoroborate. <i>Journal of Organic Chemistry</i> , 2012, 77, 4402-4413. | 3.2 | 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. | 11.2 | 76 |
| 96 | Synthesis of α -Fluoro- β -amino Acid Derivatives via Photoredox-Catalyzed Carbofluorination. <i>ACS Catalysis</i> , 2019, 9, 1558-1563. | 11.2 | 76 |
| 97 | Suzuki-Miyaura Cross-Coupling of Potassium Trifluoroboratohomoenolates. <i>Organic Letters</i> , 2008, 10, 1795-1798. | 4.6 | 75 |
| 98 | Synthesis of Trifluoromethylated Isoxazolidines: 1,3-Dipolar Cycloaddition of Nitrosoarenes, (Trifluoromethyl)diazomethane, and Alkenes. <i>Organic Letters</i> , 2013, 15, 3166-3169. | 4.6 | 75 |
| 99 | Scope of Aminomethylations via Suzuki-Miyaura Cross-Coupling of Organotrifluoroborates. <i>Journal of Organic Chemistry</i> , 2008, 73, 2052-2057. | 3.2 | 74 |
| 100 | Photoredox Catalysis in Nickel-Catalyzed Cross-Coupling. <i>Topics in Current Chemistry</i> , 2016, 374, 39. | 5.8 | 74 |
| 101 | Oxidation of Hydroxyl-Substituted Organotrifluoroborates. <i>Journal of the American Chemical Society</i> , 2006, 128, 9634-9635. | 13.7 | 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. | 12.0 | 72 |
| 103 | Organocatalyzed, Photoredox Heteroarylation of 2-Trifluoroboratochromanones via C-H Functionalization. <i>Organic Letters</i> , 2017, 19, 950-953. | 4.6 | 71 |
| 104 | Linchpin Synthons: Metalation of Aryl Bromides Bearing a Potassium Trifluoroborate Moiety. <i>Journal of Organic Chemistry</i> , 2006, 71, 7491-7493. | 3.2 | 70 |
| 105 | Metal-Free Chlorodeboronation of Organotrifluoroborates. <i>Journal of Organic Chemistry</i> , 2011, 76, 7195-7203. | 3.2 | 70 |
| 106 | Toward a General Route to the Eunicellin Diterpenes: The Asymmetric Total Synthesis of Deacetoxyalcyonin Acetate. <i>Journal of the American Chemical Society</i> , 2004, 126, 1642-1643. | 13.7 | 67 |
| 107 | Aminomethylation of Aryl Halides Using α -Silylamines Enabled by Ni/Photoredox Dual Catalysis. <i>ACS Catalysis</i> , 2017, 7, 6065-6069. | 11.2 | 67 |
| 108 | Ozonolysis of Unsaturated Organotrifluoroborates. <i>Journal of Organic Chemistry</i> , 2007, 72, 3558-3560. | 3.2 | 65 |

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|-----|--|------|-----------|
| 109 | Sustainable Thioetherification via Electron Donor–Acceptor Photoactivation Using Thianthrenium Salts. <i>Angewandte Chemie - International Edition</i> , 2022, 61, . | 13.8 | 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. | 3.2 | 63 |
| 111 | Synthesis of Amidomethyltrifluoroborates and Their Use in Cross-Coupling Reactions. <i>Organic Letters</i> , 2010, 12, 4876-4879. | 4.6 | 59 |
| 112 | β -Aminoethyltrifluoroborates: An Efficient Aminoethylations via Suzuki–Miyaura Cross-Coupling. <i>Organic Letters</i> , 2007, 9, 203-206. | 4.6 | 58 |
| 113 | Reductive Cross-Coupling of 3-Bromo-2,1-borazaronaphthalenes with Alkyl Iodides. <i>Organic Letters</i> , 2014, 16, 3692-3695. | 4.6 | 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. | 3.2 | 58 |
| 115 | Ketyl–Allene Cyclizations Promoted by Samarium(II) Iodide. <i>Journal of Organic Chemistry</i> , 2005, 70, 2622-2626. | 3.2 | 57 |
| 116 | Radical/Polar Annulation Reactions (RPARs) Enable the Modular Construction of Cyclopropanes. <i>Organic Letters</i> , 2018, 20, 6840-6844. | 4.6 | 57 |
| 117 | Photoredox-Catalyzed Multicomponent Petasis Reaction with Alkyltrifluoroborates. <i>Organic Letters</i> , 2019, 21, 4853-4858. | 4.6 | 57 |
| 118 | Multifunctional Building Blocks Compatible with Photoredox-Mediated Alkylation for DNA-Encoded Library Synthesis. <i>Organic Letters</i> , 2020, 22, 1046-1051. | 4.6 | 57 |
| 119 | Samarium(II) Iodide-Mediated Intramolecular Conjugate Additions of β,β -Unsaturated Lactones. <i>Journal of Organic Chemistry</i> , 2002, 67, 3861-3865. | 3.2 | 56 |
| 120 | Direct β -Arylation/Heteroarylation of 2-Trifluoroboratochromanones via Photoredox/Nickel Dual Catalysis. <i>Organic Letters</i> , 2017, 19, 436-439. | 4.6 | 56 |
| 121 | Nickel/Photoredox-Catalyzed Amidation via Alkylsilicates and Isocyanates. <i>ACS Catalysis</i> , 2017, 7, 7957-7961. | 11.2 | 56 |
| 122 | Utilization of Potassium Vinyltrifluoroborate in the Development of a 1,2-Dianion Equivalent. <i>Organic Letters</i> , 2009, 11, 2369-2372. | 4.6 | 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. | 3.2 | 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. | 4.6 | 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. | 3.2 | 52 |
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