

# Dennis P Curran

## List of Publications by Year in descending order

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303  
papers

24,760  
citations

5248

83  
h-index

10127

140  
g-index

376  
all docs

376  
docs citations

376  
times ranked

10250  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Inverse Hydroboration of Imines with NHC-Boranes Is Promoted by Diphenyl Disulfide and Visible Light. <i>Organic Letters</i> , 2021, 23, 1825-1828.   | 2.4 | 26        |
| 2  | Regioselective Radical Borylation of $\hat{1},\hat{1}^2$ -Unsaturated Esters and Related Compounds by Visible Light Irradiation with an Organic Photocatalyst. <i>Organic Letters</i> , 2021, 23, 4353-4357.                                    | 2.4 | 37        |
| 3  | Radical <i>trans</i> -Hydroboration of Substituted 1,3-Diynes with an <i>N</i> -Heterocyclic Carbene Borane. <i>Organic Letters</i> , 2021, 23, 1071-1075.  | 2.4 | 18        |
| 4  | The Thermal Rearrangement of an NHC-Ligated $\hat{3}$ -Benzoborepin to an NHC-Boranorcaradiene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 903-909.   | 7.2 | 18        |
| 5  | The Thermal Rearrangement of an NHC-Ligated $\hat{3}$ -Benzoborepin to an NHC-Boranorcaradiene. <i>Angewandte Chemie</i> , 2020, 132, 913-919.  | 1.6 | 8         |
| 6  | Happy Birthday to Bernd Giese. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2075-2076.  | 2.1 | 0         |
| 7  | Revisiting Polyfluoroarenes as Radical Acceptors: Radical C-F Bond Borylation of Polyfluoroarenes with <i>N</i> -Heterocyclic Carbene Boranes and Synthesis of Borane-Containing Liquid Crystals. <i>Organic Letters</i> , 2020, 22, 2054-2059. | 2.4 | 19        |
| 8  | 1,4-Hydroboration Reactions of Electron-Poor Aromatic Rings by <i>N</i> -Heterocyclic Carbene Boranes. <i>Journal of the American Chemical Society</i> , 2020, 142, 6261-6267.  | 6.6 | 48        |
| 9  | Reactions of NHC-Boranes with Dibenzoyl Peroxide and Benzoic Acid. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2238-2244.  | 2.1 | 5         |
| 10 | EPR Studies on the Addition of Ligated Boryl Radicals to Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2020, 85, 4248-4255.   | 1.7 | 8         |
| 11 | Facile Synthesis of $\hat{1}$ - <i>N</i> -Heterocyclic Carbene-Boryl Ketones from <i>N</i> -Heterocyclic Carbene-Boranes and Alkenyl Triflates. <i>Journal of the American Chemical Society</i> , 2019, 141, 12355-12361.                       | 6.6 | 46        |
| 12 | EPR and Preparative Studies of 5- <i>endo</i> Cyclizations of Radicals Derived from Alkenyl NHC-Boranes Bearing <i>tert</i> -Butyl Ester Substituents. <i>Journal of Organic Chemistry</i> , 2019, 84, 2102-2111.                               | 1.7 | 7         |
| 13 | Ring-Opening Reactions of NHC-Boriranes with In Situ Generated HCl: Synthesis of a New Class of NHC-Boralactones. <i>Journal of the American Chemical Society</i> , 2019, 141, 3623-3629.   | 6.6 | 14        |
| 14 | Esters as Radical Acceptors: $\hat{2}$ -NHC-Borylalkenyl Radicals Induce Lactonization by C-C Bond Formation/Cleavage on Esters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6357-6361.  | 7.2 | 37        |
| 15 | Esters as Radical Acceptors: $\hat{2}$ -NHC-Borylalkenyl Radicals Induce Lactonization by C-C Bond Formation/Cleavage on Esters. <i>Angewandte Chemie</i> , 2019, 131, 6423-6427.   | 1.6 | 16        |
| 16 | Thiol-Catalyzed Radical Decyanation of Aliphatic Nitriles with Sodium Borohydride. <i>Organic Letters</i> , 2018, 20, 2084-2087.  | 2.4 | 23        |
| 17 | Tris(trimethylsilyl)silane-mediated Reductive Decyanation and Cyano Transfer Reactions of Malononitriles. <i>Chemistry Letters</i> , 2018, 47, 573-575.   | 0.7 | 8         |
| 18 | Synthesis, Structure, and Acidity Constants of Ligated $\hat{1}$ -Boryl Acetic Acids. <i>Chemistry - A European Journal</i> , 2018, 24, 822-825.  | 1.7 | 3         |

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|----|--|-----|-----------|
| 19 | Synthesis and characterization of N-heterocyclic carbene complexes of 1,3,2-dioxaborolane-4,5-dione (NHC-boryl oxalates). <i>Tetrahedron</i> , 2018, 74, 6961-6965.  | 1.0 | 2         |
| 20 | 5-endo Cyclizations of NHC-Boraallyl Radicals Bearing Ester Substituents: Characterization of Derived 1,2-Oxaborole Radicals and Boralactones. <i>Journal of the American Chemical Society</i> , 2018, 140, 15868-15875. | 6.6 | 37        |
| 21 | Visible-Light-Induced Radical Cascade Cyclization: Synthesis of (20 <i>S</i> )-Camptothecin, SN-38 and Irinotecan. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1035-1040.  | 2.6 | 10        |
| 22 | Radical <i>trans</i> -Hydroboration of Alkynes with N-Heterocyclic Carbene Boranes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9485-9490.  | 7.2 | 82        |
| 23 | Radical <i>trans</i> -Hydroboration of Alkynes with N-Heterocyclic Carbene Boranes. <i>Angewandte Chemie</i> , 2018, 130, 9629-9634.   | 1.6 | 26        |
| 24 | Difluorination at Boron Leads to the First Electrophilic Ligated Boryl Radical (NHC-BF <sub>2</sub> ). <i>Angewandte Chemie</i> , 2018, 130, 10408-10413.  | 1.6 | 9         |
| 25 | Reactions of N-Heterocyclic Carbene Boranes with 5-Diazo-2,2-dimethyl-1,3-dioxane-4,6-dione: Synthesis of Mono- and Bis-hydrazone NHC-Boranes. <i>Journal of Organic Chemistry</i> , 2018, 83, 8775-8779.                | 1.7 | 9         |
| 26 | Difluorination at Boron Leads to the First Electrophilic Ligated Boryl Radical (NHC-BF <sub>2</sub> <sup>2+</sup> ). <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10251-10256.                           | 7.2 | 20        |
| 27 | Synthesis of Boriranes by Double Hydroboration Reactions of N-Heterocyclic Carbene Boranes and Dimethyl Acetylenedicarboxylate. <i>Journal of the American Chemical Society</i> , 2017, 139, 1726-1729.                  | 6.6 | 49        |
| 28 | Borylative Radical Cyclizations of Benzo[3,4]cyclodec-3-ene-1,5-diyne and N-Heterocyclic Carbene Boranes. <i>Chemistry - A European Journal</i> , 2017, 23, 5404-5409.   | 1.7 | 72        |
| 29 | Frontispiece: Borylative Radical Cyclizations of Benzo[3,4]cyclodec-3-ene-1,5-diyne and N-Heterocyclic Carbene Boranes. <i>Chemistry - A European Journal</i> , 2017, 23, .  | 1.7 | 0         |
| 30 | N-Heterocyclic Carbene Boryl Iodides Catalyze Insertion Reactions of N-Heterocyclic Carbene Boranes and Diazoesters. <i>Organic Letters</i> , 2017, 19, 3680-3683.   | 2.4 | 22        |
| 31 | N-Heterocyclic Carbene Boranes are Hydrogen Donors in Masamune "Bergman Reactions of Benzo[3,4]cyclodec-3-ene-1,5-diyne. <i>Journal of Organic Chemistry</i> , 2017, 82, 13034-13042.                                    | 1.7 | 16        |
| 32 | 1-Butyl-3-methylimidazol-2-ylidene Borane: A Readily Available, Liquid N-Heterocyclic Carbene Borane Reagent. <i>Journal of Organic Chemistry</i> , 2017, 82, 13746-13750.   | 1.7 | 19        |
| 33 | Generation and Structure of Unique Boriranyl Radicals. <i>Journal of the American Chemical Society</i> , 2017, 139, 16514-16517.   | 6.6 | 21        |
| 34 | Radical and Thermal Reactions of N-Heterocyclic Carbene Boranes with Diazo Compounds. <i>Organometallics</i> , 2016, 35, 2975-2979.  | 1.1 | 5         |
| 35 | Axially Chiral Enamides: Substituent Effects, Rotation Barriers, and Implications for their Cyclization Reactions. <i>Journal of Organic Chemistry</i> , 2016, 81, 5547-5565.  | 1.7 | 31        |
| 36 | Understanding Initiation with Triethylboron and Oxygen: The Differences between Low-Oxygen and High-Oxygen Regimes. <i>Journal of the American Chemical Society</i> , 2016, 138, 7741-7752.                              | 6.6 | 64        |

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|----|--|-----|-----------|
| 37 | Catalysis of Radical Reactions: A Radical Chemistry Perspective. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 58-102.  | 7.2 | 998       |
| 38 | Relative Reactivity of Stable Ligated Boranes and a Borohydride Salt in Rhodium(II)-Catalyzed Boron-Hydrogen Insertion Reactions. <i>Journal of Organic Chemistry</i> , 2016, 81, 2094-2098.   | 1.7 | 23        |
| 39 | Fates of imine intermediates in radical cyclizations of <i>N</i> -sulfonylindoles and ene-sulfonamides. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1649-1655.   | 1.3 | 9         |
| 40 | Radical Reactions of <i>N</i> -Heterocyclic Carbene Boranes with Organic Nitriles: Cyanation of NHC-Boranes and Reductive Decyanation of Malononitriles. <i>Journal of the American Chemical Society</i> , 2015, 137, 8617-8622.                                       | 6.6 | 111       |
| 41 | Synthesis and Suzuki Reactions of <i>N</i> -Heterocyclic Carbene Difluoro(aryl)-boranes. <i>Organic Letters</i> , 2015, 17, 3394-3397.   | 2.4 | 38        |
| 42 | Hydroboration of Arynes Formed by Hexadehydro-Diels-Alder Cyclizations with <i>N</i> -Heterocyclic Carbene Boranes. <i>Organic Letters</i> , 2015, 17, 3450-3453.  | 2.4 | 29        |
| 43 | Dynamic Behavior of <i>N</i> -Heterocyclic Carbene Boranes: Boron-Carbene Bonds in <i>B,B</i> -Disubstituted <i>N,N</i> -Dimethylimidazol-2-ylidene Boranes Have Substantial Rotation Barriers. <i>Journal of Organic Chemistry</i> , 2015, 80, 4465-4469.             | 1.7 | 5         |
| 44 | Synthesis of 1,3-Dialkylimidazol-2-ylidene Boranes from 1,3-Dialkylimidazolium Iodides and Sodium Borohydride. <i>Journal of Organic Chemistry</i> , 2015, 80, 9794-9797.  | 1.7 | 40        |
| 45 | Neutral Sulfur Nucleophiles: Synthesis of Thioethers and Thioesters by Substitution Reactions of <i>N</i> -Heterocyclic Carbene Boryl Sulfides and Thioamides. <i>Organic Letters</i> , 2014, 16, 2728-2731.   | 2.4 | 24        |
| 46 | Radical [3 + 2]-Annulation of Divinylcyclopropanes: Rapid Synthesis of Complex Meloscine Analogs. <i>Organic Letters</i> , 2014, 16, 94-97.  | 2.4 | 35        |
| 47 | Hydroboration of Arynes with <i>N</i> -Heterocyclic Carbene Boranes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13150-13154.   | 7.2 | 42        |
| 48 | Systematic Comparison of Sets of <sup>13</sup> C NMR Spectra That Are Potentially Identical. Confirmation of the Configuration of a Cuticular Hydrocarbon from the Cane Beetle <i>Antitrogus parvulus</i> . <i>Journal of Organic Chemistry</i> , 2014, 79, 7477-7490. | 1.7 | 20        |
| 49 | The electron is a catalyst. <i>Nature Chemistry</i> , 2014, 6, 765-773.  | 6.6 | 572       |
| 50 | Mechanistic and Preparative Studies of Radical Chain Homolytic Substitution Reactions of <i>N</i> -Heterocyclic Carbene Boranes and Disulfides. <i>Journal of the American Chemical Society</i> , 2013, 135, 10484-10491.  | 6.6 | 71        |
| 51 | Insertion of Reactive Rhodium Carbenes into Boron-Hydrogen Bonds of Stable <i>N</i> -Heterocyclic Carbene Boranes. <i>Journal of the American Chemical Society</i> , 2013, 135, 12076-12081.   | 6.6 | 98        |
| 52 | Tetrahydrofuran ring opening and related reactions with an <i>N</i> -heterocyclic carbene-boryl trifluoromethanesulfonate. <i>Dalton Transactions</i> , 2013, 42, 695-700.   | 1.6 | 20        |
| 53 | Borenium-Catalyzed Hydroborations of Silyl-Substituted Alkenes and Alkynes with a Readily Available <i>N</i> -Heterocyclic Carbene-Borane. <i>Organometallics</i> , 2013, 32, 7445-7450.   | 1.1 | 66        |
| 54 | Phenyl Hydrazine as Initiator for Direct Arene C-H Arylation via Base Promoted Homolytic Aromatic Substitution. <i>Organic Letters</i> , 2013, 15, 6102-6105.  | 2.4 | 109       |

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|----|--|-----|-----------|
| 55 | Molecular Iodine Initiates Hydroborations of Alkenes with N-Heterocyclic Carbene Boranes. <i>Journal of the American Chemical Society</i> , 2013, 135, 14433-14437.  | 6.6 | 60        |
| 56 | Bare-Minimum Fluorous Mixture Synthesis of a Stereoisomer Library of 4,8,12-Trimethylnonadecanols and Predictions of NMR Spectra of Saturated Oligoisoprenoid Stereoisomers. <i>Journal of the American Chemical Society</i> , 2013, 135, 1577-1584. | 6.6 | 14        |
| 57 | Rotational Isomers of <i>N</i> -Methyl- <i>N</i> -arylacetamides and Their Derived Enolates: Implications for Asymmetric Hartwig Oxindole Cyclizations. <i>Journal of Organic Chemistry</i> , 2013, 78, 4083-4089.                                   | 1.7 | 12        |
| 58 | Efficient Hydroxymethylation Reactions of Iodoarenes Using CO and 1,3-Dimethylimidazol-2-ylidene Borane. <i>Organic Letters</i> , 2013, 15, 2144-2147.   | 2.4 | 51        |
| 59 | Memory of chirality in rebound cyclizations of $\hat{\text{I}}^{\pm}$ -amide radicals. <i>Canadian Journal of Chemistry</i> , 2013, 91, 1-5.   | 0.6 | 9         |
| 60 | N-Heterocyclic carbene-initiated hydrosilylation of styryl alcohols with dihydrosilanes: a mechanistic investigation. <i>Dalton Transactions</i> , 2013, 42, 7458.   | 1.6 | 12        |
| 61 | Substituent Effects in NHC-Boranes: Reactivity Switch in the Nucleophilic Fluorination of NHC-Boranes. <i>Synlett</i> , 2013, 24, 1260-1262.   | 1.0 | 4         |
| 62 | Radical Cyclizations of Cyclic Ene Sulfonamides Occur with $\hat{\text{I}}^2$ -Elimination of Sulfonyl Radicals to Form Polycyclic Imines. <i>Journal of the American Chemical Society</i> , 2013, 135, 16610-16617.                                 | 6.6 | 45        |
| 63 | Formation of N-Heterocyclic Carbene-Boryl Radicals through Electrochemical and Photochemical Cleavage of the B-S bond in N-Heterocyclic Carbene-Boryl Sulfides. <i>Journal of the American Chemical Society</i> , 2013, 135, 16938-16947.            | 6.6 | 57        |
| 64 | Disulfides and Boryl Sulfides Serve as both Initiators and Precatalysts in Radical Reductions of Halides by an N-Heterocyclic Carbene-Borane. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3522-3526.  | 2.1 | 39        |
| 65 | Reductions of aldehydes and ketones with a readily available N-heterocyclic carbene borane and acetic acid. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 675-680.  | 1.3 | 23        |
| 66 | The renaissance of organic radical chemistry – deja vu all over again. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2778-2780.   | 1.3 | 33        |
| 67 | NHC-Boranes: Air- and Water-tolerant Co-initiators for Type II Photopolymerizations. <i>Chimia</i> , 2012, 66, 382.  | 0.3 | 19        |
| 68 | Free at last!. <i>Nature Chemistry</i> , 2012, 4, 958-958.   | 6.6 | 15        |
| 69 | Binary fluororous tagging enables the synthesis and separation of a 16-stereoisomer library of macrophelides. <i>Nature Chemistry</i> , 2012, 4, 124-129.  | 6.6 | 32        |
| 70 | A Water-Compatible NHC-Borane: Photopolymerizations in Water and Rate Constants for Elementary Radical Reactions. <i>ACS Macro Letters</i> , 2012, 1, 92-95.   | 2.3 | 59        |
| 71 | Minimal Fluorous Tagging Strategy that Enables the Synthesis of the Complete Stereoisomer Library of SCH725674 Macrolactones. <i>Journal of the American Chemical Society</i> , 2012, 134, 7963-7970.  | 6.6 | 46        |
| 72 | Borenium Ion Catalyzed Hydroboration of Alkenes with N-Heterocyclic Carbene-Boranes. <i>Journal of the American Chemical Society</i> , 2012, 134, 12281-12288.   | 6.6 | 134       |

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|----|---|-----|-----------|
| 73 | N-Heterocyclic Carbene Boranes are Good Hydride Donors. <i>Organic Letters</i> , 2012, 14, 82-85.   | 2.4 | 77        |
| 74 | Polarity Reversal Catalysis in Radical Reductions of Halides by N-Heterocyclic Carbene Boranes. <i>Journal of the American Chemical Society</i> , 2012, 134, 5669-5674.   | 6.6 | 200       |
| 75 | Silica Gel Promotes Reductions of Aldehydes and Ketones by N-Heterocyclic Carbene Boranes. <i>Organic Letters</i> , 2012, 14, 4540-4543.  | 2.4 | 51        |
| 76 | Reactions of Boron-Substituted N-Heterocyclic Carbene Boranes with Triflic Acid. Isolation of a New Dihydroxyborenium Cation. <i>Organometallics</i> , 2012, 31, 54-56.   | 1.1 | 63        |
| 77 | [3 + 2]-Dipolar Cycloaddition Reactions of an N-Heterocyclic Carbene Boryl Azide. <i>Organic Letters</i> , 2012, 14, 2690-2693.   | 2.4 | 42        |
| 78 | N-Heterocyclic Carbene Boranes Accelerate Type I Radical Photopolymerizations and Overcome Oxygen Inhibition. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5958-5961.   | 7.2 | 85        |
| 79 | The Parent Borylene: Betwixt and Between. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1602-1605.   | 7.2 | 76        |
| 80 | Bond Rotation Dynamics of Enamides: The Effect of the Acyl Group and Potential for Chirality Transfer during 5-Endo Trig Radical Cyclizations. <i>Journal of Organic Chemistry</i> , 2011, 76, 4546-4551.                                 | 1.7 | 16        |
| 81 | Electron Paramagnetic Resonance and Computational Studies of Radicals Derived from Boron-Substituted N-Heterocyclic Carbene Boranes. <i>Journal of the American Chemical Society</i> , 2011, 133, 10312-10321.                            | 6.6 | 105       |
| 82 | Dictyostatin Flexibility Bridges Conformations in Solution and in the $\beta$ -Tubulin Taxane Binding Site. <i>Journal of the American Chemical Society</i> , 2011, 133, 2427-2436.   | 6.6 | 22        |
| 83 | A Short Total Synthesis of ( $\hat{A}$ $\pm$ )-Epimeloscine and ( $\hat{A}$ $\pm$ )-Meloscine Enabled by a Cascade Radical Annulation of a Divinylcyclopropane. <i>Journal of the American Chemical Society</i> , 2011, 133, 10376-10378. | 6.6 | 107       |
| 84 | N-Heterocyclic carbene-borane radicals as efficient initiating species of photopolymerization reactions under air. <i>Polymer Chemistry</i> , 2011, 2, 625-631.   | 1.9 | 67        |
| 85 | Ring Lithiation and Functionalization of Imidazol-2-ylidene-boranes. <i>Organic Letters</i> , 2011, 13, 6042-6045.  | 2.4 | 20        |
| 86 | Radical and Heck Cyclizations of Diastereomeric <i>o</i> -Haloanilide Atropisomers. <i>Journal of the American Chemical Society</i> , 2011, 133, 115-122.   | 6.6 | 43        |
| 87 | Radical reductions of alkyl halides bearing electron withdrawing groups with N-heterocyclic carbene boranes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3415.   | 1.5 | 64        |
| 88 | Synthesis and Spectroscopic Analysis of a Stereoisomer Library of the Phytophthora Mating Hormone $\hat{1}\pm 1$ and Derived Bis-Mosher Esters. <i>Journal of the American Chemical Society</i> , 2011, 133, 20435-20443.                 | 6.6 | 22        |
| 89 | Efficient syntheses of 25,26-dihydrodictyostatin and 25,26-dihydro-6- <i>epi</i> -dictyostatin, two potent new microtubule-stabilizing agents. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1372-1378.                        | 1.3 | 9         |
| 90 | Titelbild: Komplexe von N-heterocyclischen Carbenen mit Boranen: Synthese und Reaktionen (Angew.)   | 1.6 | 0         |

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|-----|--|-----|-----------|
| 91  | Organocatalysis and C <sub>1</sub> H Activation Meet Radical and Electron Transfer Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5018-5022.  | 7.2 | 444       |
| 92  | Synthesis and Reactions of N-Heterocyclic Carbene Boranes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10294-10317.   | 7.2 | 398       |
| 93  | N-Heterocyclic Carbene-Catalyzed Hydrosilylation of Styryl and Propargylic Alcohols with Dihydrosilanes. <i>Chemistry - A European Journal</i> , 2011, 17, 9911-9914.  | 1.7 | 32        |
| 94  | Synthesis of C1-C20 and C21-C40 fragments of tetrafibricin. <i>Tetrahedron Letters</i> , 2011, 52, 2254-2257.  | 0.7 | 14        |
| 95  | A Simplified Synthesis of Novel Dictyostatin Analogues with <i>In Vitro</i> Activity against Epithelium-Resistant Cells and Antiangiogenic Activity in Zebrafish Embryos. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 994-1006. | 1.9 | 21        |
| 96  | CAAC Boranes. Synthesis and characterization of cyclic (alkyl) (amino) carbene borane complexes from BF <sub>3</sub> and BH <sub>3</sub> . <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 709-712.                         | 1.3 | 18        |
| 97  | Potassium carbonate-silica: a highly effective stationary phase for the chromatographic removal of organotin impurities. <i>Chemical Communications</i> , 2010, 46, 6335.  | 2.2 | 97        |
| 98  | Streamlined Syntheses of (α)-Dictyostatin, 16-Desmethyl-25,26-dihydrodictyostatin, and 6-epi-16-Desmethyl-25,26-dihydrodictyostatin. <i>Journal of the American Chemical Society</i> , 2010, 132, 9175-9187.                         | 6.6 | 69        |
| 99  | Radical Deoxygenation of Xanthates and Related Functional Groups with New Minimalist N-Heterocyclic Carbene Boranes. <i>Organic Letters</i> , 2010, 12, 3002-3005.   | 2.4 | 113       |
| 100 | Estimated Rate Constants for Hydrogen Abstraction from N-Heterocyclic Carbene-Borane Complexes by an Alkyl Radical. <i>Organic Letters</i> , 2010, 12, 2998-3001.  | 2.4 | 72        |
| 101 | Innenteilbild: Generation and Reactions of an Unsubstituted N-Heterocyclic Carbene Boryl Anion ( <i>Angew. Chem.</i> 48/2010). <i>Angewandte Chemie</i> , 2010, 122, 9198-9198.  | 1.6 | 1         |
| 102 | Generation and Reactions of an Unsubstituted N-Heterocyclic Carbene Boryl Anion. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9166-9169.   | 7.2 | 147       |
| 103 | Inside Cover: Generation and Reactions of an Unsubstituted N-Heterocyclic Carbene Boryl Anion ( <i>Angew. Chem. Int. Ed.</i> 48/2010). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9014-9014.                       | 7.2 | 1         |
| 104 | Fluorous Mixture Synthesis of Four Stereoisomers of the C21-C40 Fragment of Tetrafibricin. <i>Synlett</i> , 2010, 2010, 667-674.   | 1.0 | 9         |
| 105 | Assignment of the Structure of Petrocortyne A by Mixture Syntheses of Four Candidate Stereoisomers. <i>Journal of Organic Chemistry</i> , 2010, 75, 2942-2954.   | 1.7 | 35        |
| 106 | Substitution Reactions at Tetracoordinate Boron: Synthesis of N-Heterocyclic Carbene Boranes with Boron-Heteroatom Bonds. <i>Journal of the American Chemical Society</i> , 2010, 132, 15072-15080.                                  | 6.6 | 121       |
| 107 | Memory of Axial Chirality in Aryl Radical Phosphanylations. <i>Journal of the American Chemical Society</i> , 2010, 132, 11452-11454.  | 6.6 | 62        |
| 108 | Boryltrihydroborate: Synthesis, Structure, and Reactivity as a Reductant in Ionic, Organometallic, and Radical Reactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 11449-11451.                                  | 6.6 | 93        |



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|-----|---|-----|-----------|
| 109 | EPR Studies of the Generation, Structure, and Reactivity of N-Heterocyclic Carbene Borane Radicals. <i>Journal of the American Chemical Society</i> , 2010, 132, 2350-2358.   | 6.6 | 205       |
| 110 | N-Heterocyclic Carbenes <sup>+</sup> Borane Complexes: A New Class of Initiators for Radical Photopolymerization. <i>Macromolecules</i> , 2010, 43, 2261-2267.  | 2.2 | 123       |
| 111 | Preparation of NHC Borane Complexes by Lewis Base Exchange with Amine <sup>+</sup> and Phosphine <sup>+</sup> Boranes. <i>Journal of Organic Chemistry</i> , 2010, 75, 6983-6985.   | 1.7 | 60        |
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