

## Original Papers

149. Site- and Regioselective Silaborative C–C Cleavage of 1-Alkyl-2-methylenecyclopropanes Using a Platinum Catalyst with a Sterically Demanding Silylboronic Ester  
Ohmura, T.; Taniguchi, H.; Suginome, M., *ACS Catal.* **2015**, accepted.
148. Majority-Rule-Type Poly(quinoxaline-2,3-diyl)s as Highly Efficient Chiral Amplification System for Asymmetric Catalysis  
Ke, Y.-Z.; Nagata, Y.; Yamada, T.; Suginome, M., *Angew Chem., Int. Ed.* **2015**, accepted.
147. Exerting Control over the Helical Chirality in the Main-Chain of Sergeants-and-Soldiers-Type Poly(quinoxaline-2,3-diyl)s by Changing from Random to Block Copolymerization Protocols  
Nagata, Y.; Nishikawa, T.; Suginome, M., *J. Am. Chem. Soc.* **2015**, *137*, 4070-4073. [DOI: 10.1021/jacs.5b01422]
146. Organocatalytic Diboration Involving “Reductive Addition” of a Boron–Boron  $\sigma$ -Bond to 4,4'-Bipyridine  
Ohmura, T.; Morimasa, Y.; Suginome, M., *J. Am. Chem. Soc.* **2015**, *137*, 2852-2855. [DOI: 10.1021/jacs.5b00546] (JACS Spotlights 10.1021/jacs.5b02133)
145. Asymmetric Suzuki-Miyaura Cross-Coupling of 1-Bromo-2-naphtoates Using the Helically Chiral Polymer Ligand PQXphos  
Akai, Y.; Konnert, L.; Yamamoto, T.; Suginome, M., *Chem. Commun.* **2015**, *51*, 7211-7214. [DOI: 10.1039/C5CC01074H]
144. Facile Preparation of Poly(quinoxaline-2,3-diyl)s via Aromatizing Polymerization of 1,2-Diisocyanobenenes Using Phosphine Complexes of Nickel(II) Salts  
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143. Poly(quinoxaline-2,3-diyl)s Bearing (S)-3-Octyloxymethyl Side Chains as an Efficient Amplifier of Alkane Solvent Effect Leading to Switch of Main Chain Helical Chirality  
Nagata, Y.; Nishikawa, T.; Suginome, M., *J. Am. Chem. Soc.*, **2014**, *136*, 15901-15904. [DOI: 10.1021/ja509531t] (JACS Spotlights 10.1021/ja511738n)
142. Chiral Palladacycle Catalysts Generated on a Single-handed Helical Polymer Skeleton for Asymmetric Arylative Ring Opening of 1,4-Epoxy-1,4-Dihydronaphthalene  
Yamamoto, T.; Akai, Y.; Suginome, M., *Angew. Chem. Int. Ed.* **2014**, *53*, 12785-12788.
141. Ether Solvent-Induced Chirality Inversion of Helical Poly(quinoxaline-2,3-diyl)s Containing L-Lactic Acid Derived Side Chains  
Nagata, Y.; Kuroda, T.; Takagi, K.; Suginome, M., *Chem. Sci.* **2014**, *5*, 4953-4956. [DOI: 10.1039/C4SC01920B]
140. Chirality-Switchable Circularly Polarized Luminescence in Solution Based on Solvent-dependent Inversion of Helical Chirality of Poly(quinoxaline-2,3-diyl)s  
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139. Solid Polymer Films Exhibiting Handedness-switchable, Full-color-tunable Selective Reflection of Circularly Polarized Light  
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138. Iridium-Catalyzed Borylation of Sterically Hindered C(sp<sup>3</sup>)-H Bonds: Remarkable Rate Acceleration by the Catalytic Amount of Potassium *tert*-Butoxide  
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137. Functionalization of Tetraorganosilanes and Permethyloligosilanes at a Methyl Group on Silicon via Iridium-Catalyzed C(sp<sup>3</sup>)-H Borylation  
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136. Nickel-Catalyzed Cyclizative *trans*-Carboboration of Alkynes through Activation of B–Cl Bonds Using Organometallic Reagents as a Donor of Organic groups  
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135. Complementary Induction of Right- and Left-handed Helical Structures by Positioning of Chiral groups on the Monomer Units: Introduction of (–)-Menthol as Side Chains of Poly(quinoxaline-2,3-diyl)s  
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132. Synthesis of Cyclic Alkenylborates via Silaboration of Alkynes Followed by Hydrolysis for Utilization in External-Base-Free Cross Coupling  
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