List of Publications by Akira Suzuki (1967-2008)
(Only publications concerned with the organoborane chemistry)

1) “Configurational Assignments for the 4-Caranols and 4-Caranones. An Unusual Stability of 4-Isocaranone with a cis-Relationship of the Methyl and gem-Dimethyl Groups”
2) “A Facile Reaction of Organoboranes with Methyl Vinyl Ketone. A Convenient New Ketone Synthesis via Hydroboration”
3) “Isomerization of 2-Pentene to the 1-Isomer via Hydroboration”
4) “Hydroboration of Enol Acetates Derived from Aldehydes”
5) “On Selective Hydroboration of Styrene with Dialkoxylborane”
6) “Recent Progress of Hydroboration” (Review)
7) “The Hydroboration of Enol Acetates Derived from Aliphatic Ketones”
8) “Isomerization of (+)-Sabienene to (-)-α-Thujene”
9) “Reaction of Organoboranes with Methoxycarbene, and Reaction of Dichloromethyl Methyl Ether with At-Complexes Obtained from Organoboranes and Methyleneithium”
10) “Reaction of the Cyclic Organoboranes from Dienes with Methyl Vinyl Ketone. A Convenient Synthesis of ω-Hydroxy-ketones from Dienes via Hydroboration”
11) “Inhibition of the Reaction of Organoboranes with α,β-Unsaturated Carbonyl Derivatives by Galvinoxyl. Evidence for a Free-Radical Chain Mechanism”
12) “Organic Synthesis Using Organoboranes” (Review)
13) “Hydroboration and the Chemistry of Organoboranes” (Review)
14) “Thermal Isomerization of Alkylboranes in Different Solvents”  


16) “Reaction of Organoboranes with α,β-Unsaturated Carbonyl Compounds”  
A. Suzuki and M. Itoh, *Kougakubu-Houkoku* (Japanese), 1971, 60, 45

17) “Isomerization of n-Hexadienes into 1,4-Hexadiene via Hydroboration”  

18) “An Oxygen-Induced Reaction of Trialkylboranes with Alkyl Iodides. A Facile Coupling of Benzylic and Allylic Iodides via Triethylborane”  

19) “Reaction of Organoboranes with α-Lithium Furan”  

20) “Thermal Decomposition of Trialkylboranes in Dimethyl Sulfoxide Solution”  

21) “A New Four-Carbon-Atom Homologation Involving the Free-Radical Chain Reaction of 1,3-Butadiene Monoxide with Organoboranes. Synthesis of 4-Alkyl-2-buten-1-ols from Olefins via Hydroboration”  

22) “Displacement Reaction of Tripropylborane with 1-Dodecene at High Temperature without Solvent”  


24) “New Organic Synthesis by Means of Organoboranes - Mainly on Radical Reactions” (Review)  

25) “Thermal Decomposition of Trialkylboranes in the Presence of Polar Compounds”  

26) “Quantitative Analysis of Hydrocarbons in a Mixture of Normal Paraffins, Normal Olefins, and α-Olefins by Hydroboration-Gas Chromatographic Method”  

28) “The Chemistry of the Carboranes” (Review)

29) “The Oxygen-Induced Reaction of Organoboranes with 3,4-Epoxy-1-butynes. A New Route to Functionalized Allenes”

30) “A Convenient and General Synthesis of Acetylenes via the Reaction of Iodine with Lithium 1-Alkynyltriorganoborates”

31) “Cyclic Hydroboration of Alkadienes” (Review)

32) “Anodic Oxidation of Trialkylboranes. A New Procedure of Alkyl Coupling Reaction of Organoboranes”

33) “A Convenient Synthesis of α-Bromoketones from Vinyloxyboranes Obtained by the Reaction of Organoboranes with α,β-Unsaturated Ketones”

34) “Oxygen-Induced 1,4-Addition Reaction of Organoboranes to Crotonaldehyde”

35) “New Organic Syntheses Using Organoboranes”

36) “A New Quantitative Determination of Olefins by Hydroboration-Methanolysis Method”

37) “Reaction of Lithium Alkynyltrialkylborates with Propionic Acid. General and Convenient Synthesis of Internal and Terminal Olefins Using Organoboranes”

38) “Anodic Oxidation of Trialkylboranes Using Graphite as the Anod. Novel Reaction of Organoboranes Proceeding through a Carbocation Mechanism”

39) “Organic Syntheses Using Organoboranes and Acetylenic Compounds” (Review)

40) “Reactions of Organoboranes with Ferric Chloride and Thiocyanate. Convenient Syntheses of Alkyl Chlorides and Thiocyanates form Olefins via Hydroboration”
41) “Isopropenylation of Olefins via the Reaction of Iodine with Lithium Trialkylisopropenylborates Obtainable from trialkylboranes”
42) “The Reaction of Organoboranes and Lithium Dialkylcuprates with 1-Acyl-2-vinylcyclopropanes. Concenient New Route to γ,δ- Unsaturated Ketone Synthesis”
43) “The Reaction of Iodine with Ate-Complexes Obtained from Organoboranes and Lithium Chloroacetylide. Convenient Syntheses of Symmetric Alkynes and Alkenes”
44) “A Novel Synthesis of Aliphatic Nitriles from Organoboranes by Electrochemical Reaction”
    N. Miyaura, S. Abiko, M. Itoh, and A. Suzuki, Synthesis, 1975, 669
47) “Synthesis of Functionalized Organic Compounds Employing Organoboranes” (Review)
    A. Suzuki, Kagaku, (Japanese), 1975, 30, 919
48) “Reactions of Cuprous Methyltrialkylborates Obtainable from Trialkylboranes with Acrylonitrile, Ethyl Acrylate and 1-Acyl-2-vinylcyclopropane. Convenient Syntheses of Nitriles, Carboxylic Esters and γ,δ- Unsaturated Ketones”
49) “Syntheses of Organoboron Compounds and their Physical Property” (Review)
    A. Suzuki, Kagaku to Kougyou, (Japanese), 1975, 50, 70
50) “The Reaction of Organoboranes with d-Carvone and l-Perillaldehyde in the Presence of Oxygen. Evidence for a Coordination between Organoboranes and α,β-Unsaturated Carbonyl Oxygen in their Oxygen-Induced Free Radical Reaction Process”
51) “A New Electrochemical Synthesis of Nitroalkanes from Organoboranes”
    N. Miyaura, M. Itoh, and A. Suzuki, Synthesis, 1976, 618
    A. Suzuki, M. Ishidoya, and M. Tabata, Synthesis, 1976, 687

55) “The Reaction of Copper(I) Methyltrialkylborates with Allylic Halides or 2-Propynylc Halides”


56) “A Convenient and General Synthesis of 2-Alkynoates or 1-Alkynyl Aryl Ketones via the Reaction of Iodine with the Ate-Complexes Obtained from Lithium Ethoxycarbonyl- or Aroylacetylenide and Trialkylboranes”


57) “Facile Electrochemical Alkylolation of 1-Alkynes with Organoboranes”


58) “Synthesis of 10-Hydroxy-2-decenoic Acid (Royal Jelly Acid) from the Butadiene Telomer”


59) “Reaction of Copper(I) Methyltrialkylborates with Ethyl β-Bromoacrylates. Stereospecific Syntheses of (E)- and (Z)-α,β-Unsaturated Acid Esters from Organoboranes”


60) “Addition Reaction of Copper(I) Methyltrialkylborates with Ethyl Propionate. Stereospecific Synthesis of (E)-α,β-Unsaturated Acid Esters”


62) “Boron and Organic Synthesis” (Review)


63) “A Stereoselective Synthesis of 1,2-Dialkylethenyl Bromides via Monohydroboration of 1-Bromo-1-Alkynes with Dialkylboranes”


64) “Electrochemical Reaction of Trialkylboranes with Acetone”


65) “Reaction of Organoboranes with the Dianion of Phenoxyacetic Acid. The First Direct Synthesis of Carboxylic Acids from Organoboranes”


67) “The Reaction of Copper(I) Methyltrialkylborates with 1-(1-Pyrrolidinyl)-6-chloro-1-cyclohexene”


68) “Synthesis of 2-Alkylfurans via the Reaction of Iodine with the Ate-Complexes Obtained from 2-Furyllithium and Trialkylboranes”
69) “Non-Catalytic Hydrogenation via Organoboranes” (Review)
70) “Coupling Reactions of Organometallic Compounds by Transition Metal Complexes” (Review)
A. Suzuki and N. Miyaura, Kagaku, (Japanese), 1978, 34, 322
71) “2-Alkylation Reactions of Thiophene and 1-Methylpyrrole with Trialkylboranes”
72) “Reaction of Trimethylsilylpropargyl Phenyl Ether with Organoboranes in the Presence of Sodium Methoxide”
73) “Preparation of 1-Alkynyl (Trimethyl)asilanes from Trimethylpropargyl Phenyl Ether and Organoboranes”
T. Yogo, J. Koshino, and A. Suzuki, Synth, Commun., 1979, 9, 809
74) “A New Stereospecific Cross-Coupling by the Palladium-Catalyzed Reaction of 1-Alkenylboranes with 1-Alkenyl or 1-Alkynyl Halides”
75) “Stereoselective Synthesis of Arylated (E)-Alkenes by the Reaction of Alk-1-enylboranes with Aryl Halides in the Presence of Palladium Catalyst”
76) “The Reactions of Copper(I) 1-Alkenyltrimethylborates with Allylic Bromides or 2-Propynyl Bromide”
77) “The Synthesis of Methoxycyclopropanes via the Treatment of Ate-Complexes Obtained from B-Alkyl-9-BBN Derivatives and Lithium Methoxyallene with Acetic Acid”
78) “The Reaction of Iodine with Vinyltrialkylborates Derived from Trialkylboranes and Trisylhydrazones of Methyl Ketones. A New Method for Synthesis of 1,1-Dialkylethenes”
80) “The Reactions of (1-Halo-1-alkenyl)dialkylboranes with Lead(IV) Acetate or (Diacetoxyiodo)benzene. A Stereoselective Synthesis of 1-Halo-1,2-dialkylethylenes”
81) “A Convenient Stereospecific Alkylation of Phenyl Acetylene by Electrochemical Reaction of Organoboranes”
82) “A Convenient Route to Symmetric 1,1-Dialkylethenes from 1,2-Dimethoxyethenyllithium and Trialkylboranes”

83) “The Palladium-Catalyzed Cross-Coupling Reaction of 1-Alkenylboranes with Allylic or Benzylic Bromides. Convenient Synthesis of 1,4-Alkadienes and Allylbenzenes from Alkynes via Hydroboration”  
84) “Electroorganic Chemistry in Organometallic Compounds” (Review)  
85) “A Stereospecific Synthesis of Conjugated (E,Z)-and (Z,Z)-Alkadienes by a Palladium-Catalyzed Cross-Coupling Reaction of 1-Alkenylboranes with 1-Alkenyl Bromides”  
87) “Regiospecific Synthesis of 3-Alkylfurans and 3-Alkylthiophenones via Organoboranes”  
88) “The Palladium-Catalyzed Cross-Coupling Reaction of Phenylboronic Acid with Haloarenes in the presence of Bases”  
89) “The Palladium-Catalyzed “Head-to-Tail” Cross-Coupling Reaction of 1-Alkenylboranes with Phenyl or 1-Alkenyl Iodides. A Novel Synthesis of 2-Phenyl-1-alkenes or 2-Alkynyl-1,3-alkadienes via Organoboranes”  
90) “Oxygenation of Trimethylsilyllallenes Readily Obtainable from Organoboranes. Synthesis of 1-Trimethylsilyl-1-alkyn-3-ones and 1-Trimethylsilyl-1-alkyne-3-ols”  
91) “A Convenient Stereospecific Synthesis of α,β-Unsaturated Carboxylic Esters via the Palladium-Catalyzed Carboxylation of 1-Alkenylboranes”  
92) “A New Synthesis of Ketones from 1,2-Dimethoxyethylenyllithium, Organoboranes, and Alkyl Fluorosulfonates”  
93) “A Novel Synthesis of Symmetric Ketones by the Reaction of Organoboranes with Catechol Dichloromethylene Ether in the Presence of Methyllithium”  
T. Kawaguchi, M. Ishidoya, and A. Suzuki, *Heterocycles*, 1982, 18, 113
94) “Syntheses of Alkyl Aryl Ketones, Alkyl Azides, Cyanoalkanes, and Nitroalkanes from Organoboranes” (Review)  
95) “Organoborates in New Synthetic Reactions” (Review)  
96) “Palladium-Catalyzed Cross-Coupling of (2-Ethoxyvinyl)boranes with Aryl and Benzyl Halides. A New Method for Conversion of Organic Halides into Aldehydes with Two More Carbon Atoms”
97) “Cross-Coupling Reactions of 1-Alkenylboranes with 3,4-Epoxy-1-butene Catalyzed by Palladium and Nickel Complexes”
99) “Stereospecific Synthesis of (2Z,4E,6E)-3,7,11-Trimethyl-2-4-6-10-dodecatetraene (trans(C10)-Allofarnesene)”
100) “The Reaction of Trialkylboranes with Allyl Phenyl Ether. Syntheses of 1-Alkenes and 1,5-Alkadienes”
101) “Regioselective 1,5-Enyne Synthesis from Organoboranes”
102) “Organoboron Compounds” (Review)
105) “Synthesis of Symmetrical Ketones from Organoboranes and 4,4-Dimethyl-2-oxazoline”
107) “The Reaction of Organoboranes with Lithium Salts of Trisyldihyrazones of Cycloalkanones Followed by Treatment with Iodine”
108) “New Stereospecific Syntheses of Pheromone Bombykol and its Three Geometrical Isomers”
109) “A New Synthetic Method for 1-Methoxy-2-alkanones from 1,2-Dimethoxyethenyllithium and Organoboranes”
110) “The Reaction of Trialkylboranes with Lithium Acetylides Prepared from Triethyl Orthopropiolate and Propiolaldehyde Diethyl Acetal”

111) “A Convenient Synthesis of Aldehydes from 1,2-Dimethoxyethenyllithium and Trialkylboranes”

112) “Bromoboration Reactions of 1-Halo-1-alkenes. Synthesis of (E)- and (Z)-1,2-Dihalo-1-alkenes”

113) “Some Aspects of Organic Synthesis Using Organoborates” (Review)

114) “New Stereospecific Syntheses of Pheromone Bombykol and its Three Geometrical Isomers”

115) “A Convenient Synthesis of 1-Alken-3-ynes”


117) “A Facile Synthesis of 2,5-Dialkyl-3-methylfurans from 1,4-Dimethoxy-2-butyne, B-Alkylcatecholboranes, and Aldehydes”

118) “A New Synthesis of N-Phenyl-β-bromo-α,β-unsaturated Amides via Bromoboration Reaction of Terminal Alkynes, Followed by Treatment with Phenyl Isocyanate”

119) “Iodoboration Reaction of Terminal Allenes”

120) “Organoboranes and Organic Synthesis” (Review)

121) “Asymmetric Synthesis Employing Organoboranes” (Review)

122) “Haloboration and its Application to Organic Synthesis” (Review)

123) “Novel and Convenient Method for the Stereo- and Regiospecific Synthesis of Conjugated Alkadienes and Alkenynes via the Palladium-Catalyzed Cross-Coupling Reaction of 1-Alkenylboranes with Bromoalkenes and Bromoalkynes”

124) “Synthesis of 2-Bromoalkanals from 1-Alkynes by Haloboration”

125) “Stereo- and Regioselective Synthesis of (Z)-1,2-Dihalo-1-alkenes via Haloboration”

126) “A Stereospecific Synthesis of (Z)-δ-Halo-γ,δ-unsaturated Ketones via Haloboration Reaction of
Terminal Alkynes”
127) “Organoboron Compounds in new synthetic Reactions”
A. Suzuki, Pure & Appl. Chem., 1985, 57, 1749
128) “New Application of Organoboron Compounds in Organic Synthesis”
A. Suzuki, Pure & Appl. Chem., 1986, 58, 629
129) “Lithium Thioalkynolate and its Reaction with Carbonyl Compounds”
130) “A Direct and Selective Synthesis of (Z,Z)-1-Bromo-1,3-diene- and (E,Z)-1,3-Dienes by the
Hydroboration-Bromoboration Sequence of Two Alkynes”
131) “Selective Hydroboration and Synthetic Utility of Organoboranes Thus Obtained”
A. Suzuki and R. S. Dhillon, Topics in Current Chemistry, 1986, 130, 22
132) “A Direct and Selective Synthesis of (Z,Z)-1-Bromo-1,3-Dienes by Using Haloboration-
Hydroboration of Two Alkynes”
133) “X-Ray Structure of 5-Chloro-1-thia-5-boracyclooctane”
134) “Stereo- and Regiospecific Syntheses to Provide Conjugated (E,Z)- and (Z,Z)-Alkadienes, and
Arylated (Z)-Alkenes in Excellent Yields via the Palladium-Catalyzed Cross-Coupling Reactions of
(Z)-1-Alkenylboronates with 1-Bromoalkenes and Aryl Iodides”
135) “Stereo- and Regiospecific Synthesis of Trisubstituted Alkenes via the Palladium-Catalyzed
Cross-Coupling Reaction of (1-Ethoxy-1-alken-2-yl)boranes with Organic Halides”
136) “Palladium-Catalyzed Cross-Coupling Reactions of B-Alkyl-9-BBN Derivatives or Trialkylboranes
with Aryl and 1-Alkenyl Halides”
137) “Palladium-Catalyzed Cross-Coupling Reaction of (1-Ethoxy-1-alken-2-yl)boranes with
ortho-Functionalized Iodoarenes. A Novel and Convenient Synthesis of Benzo-Fused
Heteroaromatic Compounds”
138) “Stereoselective Syntheses of Conjugated 1-Phenylthio-1,3-alkadienes and 1,3,5-Alkatrienes
through the Palladium-Catalyzed Cross-Coupling Reaction of (E)- or (Z)-1-Alkenylboronates with
(E)- or (Z)-2-Bromo-1-phenylthio-1-alkenes”
140) “(E)-(2-Bromoethenyl)dibromoborane. A New Precursor for (E)-1,2-Disubstituted Ethenes”

141) “Stereoselective Synthesis of Conjugated Dienones via the Palladium-Catalyzed Cross-Coupling Reaction of 1-Alkenylboronates with 3-Halo-2-alken-1-ones”

142) “Palladium-Catalyzed Cross-Coupling Reaction of (E)-1-Alkenyl-1,3,2-benzo-dioxaboroles with Allylic Phenoxides. A Simple Route to 1,4-Alkadienes from Alkynes via Hydroboration”


144) “Recent Advances of Haloboration Reaction in Organic Synthesis” (Review)

145) “A Formal Carboboration Reaction of 1-Alkynes via Haloboration and its Application to the Di- and Trisubstituted Alkene Synthesis”

146) “(E)-(2-Bromoethenyl)diisopropoxyborane. A New Building Block for (E)-Olefins”

147) “Novel Synthesis of Isoflavones by the Palladium-Catalyzed Cross-Coupling Reaction of 3-Bromochromones with Arylboronic Acids or its Esters”

148) “A Stereoselective Route to Alkenyl Sulfides through the Palladium-Catalyzed Cross-Coupling Reaction of 9-Alkyl-9-BBN Derivatives with 1-Bromo-1-Phenylthioethene or (E)- and (Z)-2-Bromo-1-phenylthio-1-alkenes”

149) “Haloboration and its Application to Organic Synthesis” (Review)

150) “Palladium-Catalyzed Inter- and Intramolecular Cross-Coupling Reactions of B-Alkyl -9-BBN Derivatives with 1-Halo-1-alkenes or Haloarenes. Syntheses of Functionalized Alkenes, Arenes, and Cycloalkenes via a Hydroboration-Coupling Sequence”

151) “Palladium-Catalyzed Reaction of 1-Alkenylboronates with Vinylc Halides: (1Z,3E)-1-Phenyl-1,3-octadiene”

152) “New Convenient Approach to the Preparation of (Z)-Allylic Boronates via Catalytic 1,4-Hydroboration of 1,3-Dienes with Catecholborane”
153) “Cross-Coupling Reaction of Alkyl- or Arylboronic Acid Esters with Organic Halides Induced by Thallium(I) Salts and Palladium-Catalyst”


156) “Stereoselective Synthesis of Conjugated 2,4-Alkadienoates via the Palladium-Catalyzed Cross-Coupling of 1-Alkenylboronates with 3-Bromo-2-alkenoates”

157) “The Stereoselective Synthesis of α,β-Unsaturated Ketones by the Stepwise Cross-Coupling Reaction of (E)-(2-Bromoethenyl)diisopropoxyborane”

158) “Pyridinium Catalyzed Asymmetric Hydroboration of Alkenes with 1,3,2-Benzodioxaborole”

159) “A Stereoselective Synthesis of β-Mono- and β,β-Disubstituted α,β-Unsaturated Esters Using Haloboration”

161) “Rhodium(1)-Catyalyzed Asymmetric Hydroboration of Alkynes with 1,3,2-Benzodioxaborole”

162) “Palladium-Catalyzed Cross-Coupling Reaction of Aryl or Vinylic Triflates with Organoboron Compounds”
T. Oh-e, N. Miyaura, and A. Suzuki, Synlett, 1990, 221

163) “Direct Synthesis of Carboxylic Acids from Organoboranrs”

164) “A Stereoselective Synthesis of δ-Iododienylketone Ethylene Acetals by the Reaction of B-(2-Iodo-1-alkenyl)-9-Borabicyclo(3.3.1)nonanes with β-Methoxy-α,β-unsaturated Ketones”
T. Tayano, Y. Satoh, S. Hara, ana A. Suzuki, Main Group Metal Chem., 1990, 13, 211

165) “Synthetic Studies via the Cross-Coupling Reaction of Organoboron Derivatives with Organic Halides”

166) “Palladium-Catalyzed Carbonylative Cross-Coupling Reaction of 1-Halo-1-alkenes with 9-Alkyl-
9-BBN Derivatives. A Direct Synthesis of α,β-Unsaturated Ketones”

167) “Synthesis of Functionalized Organotin Compounds via Palladium-Catalyzed Cross-Coupling Reaction of Aryl or 1-Alkenyl Halides with 9-(ω-Stannylalkyl)-9-bora-bicyclo(3.3.1)-nonanes”

168) “A Simple Synthesis of (2-Bromoallyl)diphenoyxyborane by the Bromoboration of Allene and its Reaction with Carbonyl Compounds”

169) “Palladium-Catalyzed Carbonylative Cross-Coupling Reaction of Iodoalkanes with 9-Alkyl-9-BBN Derivatives. A Direct and Selective Synthesis of Ketones”

170) “Synthesis of Sterically Hindered Biaryls via the Palladium-Catalyzed Cross-Coupling Reaction of Arylboronic Acids or their Esters with Haloarenes”

171) “Stereoselective Synthesis of Exocyclic Alkenes via Hydroboration-Cross-Coupling Sequence”


173) “Boron Trifluoride-Etherate Mediated 1,4-Addition of (1-Alkenyl)diisopropoxyboranes to α,β-Unsaturated Ketones. A Convenient New Route to 3-Alkynyl Ketone Synthesis”

174) “BF₃ Etherate Mediated 1,4-Addition Reaction of (1-Alkenyl)dialkoxyboranes to α-Acyloxy-α,β-Unsaturated Esters”

175) “A Synthesis of Prostaglandin B₁ Methyl Ether by the Stepwise Cross-Coupling Reaction Using (E)-(2-Bromoethyl)diisopropoxyborane”

176) “A Selective Synthesis of 3-Alkynyl Perfluoroalkyl Ketones by the Trifluoroborane Etherate Mediated 1,4-Addition Reaction of (1-Alkenyl)diisopropoxyboranes to α,β-Unsaturated Ketones”

177) “Organoboron Compounds as Useful Synthetic Intermediates”

178) “Synthesis of Optically Pure 2-Substituted 1,3-Propanediol Spiroacetal Derivative of l-Menthone via Hydroboration-Coupling Sequence”


181) “Palladium(0)-Catalyzed Reaction of 9-Alkyl-9-borabicyclo(3.3.1)nonane with 1-Bromo-1-Phenylthioethene: 4-(3-Cyclohexenyl)2-phenylthio-1-butene”


182) “Regio- and Stereospecific Preparation of β-(Alkylthio)alkenyl-1,3,2-benzodioxaboroles by Nickel-Catalyzed Hydroboration of Thioacetylenes with Catecholborane”


183) “Stereoselective Synthesis of Allylic Boronates via Palladium-Catalyzed Cross-Coupling Reaction of Knochel’s (Dialkoxyboryl)methylzinc Reagents with 1-Halo-1-alkenes”


184) “Palladium-Catalyzed Cross-Coupling Reaction of Organoboron Compounds with Organic Triflates”


185) “Synthesis of ortho-Acylbenzylboronates via Cross-Coupling Reaction of (Dialkoxyboryl)methylzinc Reagents with Haloarenes. A Stable ortho-Quinodimethane Precursor”


186) “Synthesis of Functionalized 1-Alkenylboronates via Hydroboration-Dealkylation of Alkynes with Diisopinocampheylborane”


187) “New Synthetic Transformation via Organoboron Compounds”


188) “Synthesis and Cycloaddition of 2-(Dialkoxyboryl)-1,3-butadiene”


189) “Palladium(0)-Catalyzed Thioboration of Terminal Alkynes with 9-(Alkylthio)-9-BBN Derivatives: Stereoselective Synthesis of Vinyl Sulfides via the Thioboration-Cross-Coupling Sequence”


190) “Convenient One-Pot Synthesis of Vinyl Sulfides from Thioalkynes via a Catalytic Hydroboration-Coupling Sequence”


191) “Stereoselective Synthesis of (Z)-(1-Organo-1-alkenyl)boronic Esters by the Palladium-Catalyzed Cross-Coupling Reaction of (Z)-(1-Iodo-1-alkenyl)boronic Esters with Organozinc Reagents”


192) “A Stereoselective Synthesis of γ,σ-Unsaturated Ketones Possessing Perfluoroalkyl Groups by Trifluoroborate Etherate Mediated 1,4-Addition Reaction of Alkenylidiisopropoxylboranes to...
α,β-Unsaturated Ketones”


194) “Platinum(0)-Catalyzed Diboration of Alkynes”

195) “Synthesis of Unsymmetrical Biaryl Ketones via Palladium-Catalyzed Carbonylative Cross-Coupling Reaction of Arylboronic Acids with Iodoarenes”

196) “Synthesis of Oxo-2-alkenylboronates and their Cyclization to 3-Methylene Cycloalkanols via Intramolecular Allylboration”

197) “Synthesis of Allenes by Palladium-Catalyzed Cross-Coupling Reaction of Organoboron Compounds with Propargylic Carbonates: Transmetallation of Organoboron Compounds with (Alkoxo)palladium Complexes under Neutral Conditions”

198) “A New Facile Synthesis of 2-Substituted 1,3-Butadiene Derivatives via Palladium-Catalyzed Cross-Coupling Reaction of 2,3-Alkadienyl Carbonates with Organoboron Compounds”

199) “Synthesis of Pinacol Esters of 2,3-Alkadienylboronic Acids via the Copper(I) Mediated Coupling Reaction of Knochel’s (Dialkoxyboryl)methylzinc Reagents with Propargylic Tosylates”

200) “New Synthetic Transformations via Organoboron Compounds”
A. Suzuki, in *Current Topics in the Chemistry of Boron*, G. W. Kabalka (Ed.), Royal Society of Chemistry, 1994, p. 3

201) “Syntheses of Functionalized Allylic and Benzylic Boronates via Palladium-Catalyzed Cross-Coupling Reaction of Knochel’s (Dialkoxyboryl)methylzinc Reagents with Organic Halides”
N. Miyaura and A. Suzuki, in *Current Topics in the Chemistry of Boron*, G. W. Kabalka (Ed.), Royal Society of Chemistry, 1994, p. 36

202) “Stereoselective Synthesis of Alkadienyl Trifluoromethyl Ketones by the Reaction of (2-Ethoxyvinyl) Trifluoromethyl Ketone with Alkenyldialkoxyboranes Activated by Trifluoroborane Etherate”

203) “Synthesis of Ketones from Iodoalkenes, Carbon Monoxide and 9-Alkyl-9-BBN Derivatives via a Radical Cyclization and Palladium-Catalyzed Carbonylative Cross-Coupling Sequence”

204) “A Stereoselective Preparation of γ-Alkoxyallylboronates via Catalytic Isomerization of Pinacol
(\textit{E})-3-Alkoxy-1-propenyl)boronates

205) “Palladium-Catalyzed Cross-Coupling Reactions of Organoboron Compounds”

206) “Boron Tribromide”

207) “Platinum(0)-Catalyzed Diboration of Alkynes with Tetrakis(alkoxo)diborons: An Efficient and Convenient Approach to \textit{cis}\,-Bis(boryl)alkenes”

208) “Olefination and Hydroxymethylation of Aldehydes Using Knochel's (Dialkoxyboryl)-methylcopper Reagents”

209) “Enantioselective Synthesis of Quaternary Carbon in Homoallylic Alcohols by the Reaction of Tartrate Ester Derivatives of 3,3-Disubstituted Allylborane with Aldehydes”

210) “Cyanuric Fluoride-Induced 1,4-Addition Reaction of Alkenylboronic Acids to \(\alpha,\beta\)-Unsaturated Ketones. Stereoselective Synthesis of \(\gamma,\delta\)-Unsaturated Ketones Having Functionalities”

211) “Enantioselective Synthesis of Ipsenol and Ipsdienol Using a (2-Bromoallyl)borane Derivative”

212) “Haloboration to Alkynes and the Related Reactions”

213) “Haloboration of 1-Alkynes and Its Synthetic Application”

214) “Synthesis of 4-(2-Bromo-2-propenyl)-4-methyl-\(\gamma\)-butyro lactone by the Reaction of Ethyl Levulinate with (2-bromoallyl)diisopropoxyborane Prepared by Haloboration of Allene”

215) “Cross-coupling Reactions of Organoboron Compounds with Organic Halides”

216) “The Regioselective 1,4-Addition Reaction of Alkenylboronic Acids to \(\alpha,\beta,\alpha',\beta'\)-Unsaturated Ketones”

217) “Palladium-Catalyzed Carbonylative Cross-Coupling Reaction of Arylboronic Acids with Aryl Electrophiles: Synthesis of Biaryl Ketones”

219) “Catalytic Reactions in Organoboron Compounds”

220) “Recent Advances in the Cross-Coupling Reactions of Organoboron Derivatives with Organic Electrophiles”

221) “Pd(II)-Mediated Carbonylation of Propargylic Acetates Leading to γ-Acetoxy-β-methoxy-α,β-unsaturated Esters”

222) “Pd-Catalyzed Ring Opening of Cyclopropanols”

223) “Cross-Coupling Reaction of Organoboron Compounds with Organic Electrophiles”
   A. Suzuki, in *Organoboranes for Syntheses*, P. V. Ramachandran and H. C. Brown (Eds.), ACS Symposium Series 783, American Chemical Society, 2001, p. 80

224) “Cross-coupling reactions via organoboranes”

225) “The Suzuki Reaction with Arylboron Compounds in Arene Chemistry”


227) “Organoborane Coupling Reactions (Suzuki Coupling) ”

228) “Recent Developments of Biaryl Synthesis via Cross-coupling Reactions of Areneboronic Acid Derivatives”

229) “Coupling Reactions of Areneboronic Acids or Esters with Aromatic Electrophiles”

230) “Carbon-carbon bonding made easy”

231) “Outlines of Suzuki-Miyaura Coupling Reaction”

232) “New Topics of Suzuki-Miyaura Coupling Reaction”

233) “New Organic Syntheses Using Organoboron Compounds”

234) “Recent Topics of Suzuki Coupling Reaction”