

## 2001 - 2010

1. I.Kownacki, M.Kubicki, B.Marciniec  
Synthesis and Structure of the First Cobalt(I) - Siloxide Complex  
*Polyhedron* 20, 3015-3018(2001)
2. B.Marciniec, E.Malecka, M.Majchrzak, Y.Itami  
Polycondensation vs. Cyclization Divinylsubstituted Silicon Compounds Catalyzed by Transition Metal Complexes  
*Macromolecular Symposia*, 174, 137-144(2001).
3. J.Gulinski, B.Marciniec  
A Success Story From Poland Proc. XVIII- IASP World Conference on Science & Technology Parks, Bilbao (Spain), June 2001, p.171-175.
4. B.Marciniec, E.Malecka, J.Gulinski, M.Grundwald-Wyspianska, M.Lewandowski  
Functionalization vs. Degradation of 1,4-Polybutadiene by Ruthenium Complex Catalyzed Reaction with Vinylsilanes  
*Can.J.Chem.*, 79, 775-779 (2001)
5. M.Majchrzak, Y.Itami, B.Marciniec, P.Pawluc  
Synthesis of Phenylene-Silylene-Vinylene Polymer and Copolymer by Ruthenium-Catalyzed Silylative Cross-Coupling Reaction  
*Macromolec.Rapid Commun.*, 22,202-205(2001)
6. C.Pietraszuk, H.Fischer, M.Kujawa, B.Marciniec  
Cross-metathesis of Vinylsilanes with Olefins in the Presence of Grubbs Catalyst  
*Tetrahedron Letters*, 42,1175-1178(2001)
7. B.Marciniec  
Wspolpraca komitetow Polskiej Akademii Nauk z organami Komitetu Badan Naukowych  
*Nauka*, 2, 46-55 (2001)
8. B.Marciniec, H.Maciejewski  
Transition Metal-Siloxide Complexes; Synthesis, Structure and Application to Catalysis  
*Coordination Chemistry Reviews*, 223, 301-335 (2001)
9. B.Marciniec  
Strategiczna polityka innowacyjna panstwa  
*Nauka i przyszlosc*, 126(5)1,4-5(2001)
10. B.Marciniec, E.Walczuk-Gusciora, C.Pietraszuk  
Activation of Vinyl =C-H Bond of Styrene by Ruthenium-siloxide Complex - the Key Step in the Silylative Coupling of Styrene with Vinylsilanes  
*Organometallics*, 20, 3423-3428 (2001)
11. H.Maciejewski, B.Marciniec, A.Sydor  
Synthesis, Structure and Reactivity of Nickel and Platinum Complexes Containing Organosilicon Ligands  
*Annals of the Polish Chemical Society*, 274 (2001)
12. M.Kujawa-Welten, C.Pietraszuk, B.Marciniec  
Cross-metathesis of Vinylsilanes with Allyl Alkyl Ethers Catalyzed by Ruthenium-carbene Complexes  
*Organometallics*, 21, 840-845 (2002)
13. B.Marciniec  
Cross-Metathesis vs. Silylative Coupling of Olefins with Vinylsubstituted Silicon Compounds in the Presence of Transition Metal Complexes  
*Ring Opening Metathesis Polymerisation and Related Chemistry*, Kluwer Acad. Publ.(E.Koshravi, T.Szymanska-Buzar, eds) pp.391-405 (2002)

14. B.Marciniak  
Silylative Coupling Polycondensation (SCP) vs. ADMET Polymerization of Divinylsubstituted Silicon Compounds  
Ring Opening Metathesis Polymerisation and Related Chemistry,  
Kluwer Acad. Publ.(E.Koshravi, T.Szymanska-Buzar, eds) pp.331-340 (2002)
15. B.Marciniak  
Hydrosilylation and Related Reactions of Silicon Compounds  
Applied Homogeneous Catalysis with Organometallic Compounds (2nd Compl.Revised and Enlarged Edition, B.Cornils & W.Herrman eds) T1, pp. 491-512 (2002)
16. B.Marciniak, J.Gulinski  
Knowledge and Technology Transfer (KTT) from Academia to Industry in Central European Countries: the Case of Poland  
Mol.Cryst.Liq.Cryst., 274, 13-22 (2002)
17. B.Marciniak, I.Kownacki, M.Kubicki  
Synthesis and Structure of the First Monomeric Iridium-siloxide Complexes  
Inorg.Chim.Acta, 334, 301-307 (2002)
18. B.Marciniak  
Catalysis of Hydrosilylation of Carbon-carbon Multiple Bond - Recent Progress  
Silicon Chemistry, 1, 155-175 (2002)
19. M.Kujawa-Welten, B.Marciniak  
Stereoselective Synthesis of Esters with Vinylsilicon Functionality via Ruthenium-carbene Catalyzed Cross-metathesis  
J.Mol.Catal. , 190, 79-83(2002)
20. E.Malecka. B.Marciniak. C.Pietraszuk, A.C.Church, K.Wagener  
ADMET Copolymerization of Divinyltetraethoxydisiloxane with 1,9-Decadiene Catalyzed by Grubbs' Catalyst  
J.Mol.Catal. 190, 27-31(2002)
21. B.Marciniak  
Nauka a innowacje - wnioski dla struktury B+R i finansowania ze srodków publicznych i niepublicznych w "Nauka polska w swietle integracji z Unia Europejska",  
wyd. PAN i Towarzystwo Naukowe Warszawskie, str. 39-48 (2002)
22. B.Marciniak, I.Kownacki, M.Kubicki  
Synthesis, Structure and Reactivity of [ $\text{Ir}(\text{cod})(\text{m-OSiMe}_3)_2$ ] with Styrene and Vinylsilanes; Catalytic Activation of Vinylic =C-H Bond  
Organometallics, 21, 3263-3270, 2002
23. C.Pietraszuk, B.Marciniak, M.Jankowska  
Metathesis of Vinyl-substituted Silicon Compounds with Dienes and Cycloolefins  
Adv.Synth.&Catal., 344, 789-793 (2002)
24. H.Maciejewski, B.Marciniak, J.Gulinski, A.Karolak, N.K.Skvortsov  
From Isothiocyanato- to Silyl-Nickel Complexes  
Inorganic Chemistry Communications, 5, 464-467 (2002)
25. H.Maciejewski, M.Kubicki, B.Marciniak, A.Sydor  
Phosphine Nickel(0) pi-Complexes with Vinylcyclosilazane - Synthesis and Structure  
Polyhedron 21, 1261-1265 (2002)
26. B.Marciniak  
Science for the Economy  
Poznan Fair Magazine, 10, 20 (2002)
27. B.Marciniak  
Nauka gospodarce  
Przeglad Techniczny 11-12(2002)
28. B.Marciniak

Innowacyjność jest elementem polityki gospodarczej  
Nowator, 21, 5(2002)

29. B.Marciniak

Centrum badawcze PAN a status członka Akademii  
Nauka, nr 4, 57-60 (2002)

30. B.Marciniak, J.Gulinski, H.Maciejewski

Hydrosilylation in Encyclopedia of Catalysis,  
I.T.Horvath ed., John Wiley&Sons, Inc, N.Y., pp 107-152(2003)

31. B.Marciniak, C.Pietraszuk

Synthesis of Unsaturated Organosilicon Compounds via Alkene Metathesis and Metathesis Polymerization  
Current Organic Chemistry, 7, 691-735(2003)

32. B.Marciniak

Silylative Coupling and Cross-Metathesis of Alkenes and Dienes with Vinyl-silicon Derivatives - New  
catalytic Routes to Synthesis of Organosilicon Compounds in Organosilicon Chemistry V - from Molecules  
to Materials,  
Verlag Chemie, 2003, pp.363-374

33. H.Maciejewski, B.Marciniak, A.Wyszpolska

Isocyanatopropyltrimethoxysilane - Key Intermediate of new Silane Coupling Agents in Organosilicon  
Chemistry V - from Molecules to Materials,  
Verlag Chemie, 2003, pp. 536-540

34. P.Blazejewska-Chadyniak, M.Kubicki, H.Maciejewski, B.Marciniak

Synthesis and structure of the dinuclear chloro-rhodium pi-complexes with vinylsilanes  
Inorganica Chimica Acta, 350, 603-608 (2003)

35. B.Marciniak, I.Kownacki, M.Kubicki, P.Krzyzanowski, E.Walczuk, P.Blazejewska-Chadyniak

Late Transition metal (Co, Rh, Ir)-siloxide Complexes - Synthesis, Structure and Application to Catalysis in  
"Perspectives in Organometallic Chemistry", Royal Society of Chemistry,  
Cambridge, UK (C.G.Screttas & B.R.Steele eds), pp.253-264(2003)

36. H.Maciejewski, P.Pawluc, B.Marciniak, I.Kownacki, W.Maciejewska, M.Majchrzak

Polycarbosilanes as Precursors of Novel Membrane Materials in Organosilicon Chemistry V - from  
Molecules to Materials,  
Verlag Chemie, 2003, pp.641-644

37. B.Marciniak, E.Walczuk, P.Blazejewska-Chadyniak, D.Chadyniak, M.Kujawa-Welten, S.Krompiec

Catalysis of Hydrosilylation Part XXXV Catalytic Activity of Rhodium-siloxide Complexes in Hydrosilylation  
of Allyl Ethers and Allyl Esters in Organosilicon Chemistry V - from Molecules to Materials,  
Verlag Chemie, 2003, pp.415-419

38. I.Kownacki, B.Marciniak, M.Kubicki

Alkoxy/siloxy Group Exchange in the System Vinyltrialkoxysilane - Iridium(I) siloxide Complex  
Chem.Commun., 76-77, 2003

39. B.Marciniak, C.Pietraszuk

Metathesis of Silicon-containing olefins Handbook of Metathesis,  
Verlag Chemie, R.Grubbs ed., Chapter 2.13, pp.455-482 (2003)

40. B.Marciniak, H.Maciejewski, W.Duczmal, R.Fiedorow, D.Kitynski

Catalysis of Hydrosilylation Part XXXVI Kinetics and Mechanism of the Reaction of Allyl Chloride with  
Trichlorosilane Catalyzed by Carbon-Supported Platinum  
Appl.Organometal.Chem., 17, 127-134(2003)

41. Y.Itami, B.Marciniak, M.Majchrzak, M.Kubicki

Novel Organosilicon Starburst Compounds Based on Ruthenium-Catalyzed Silylative Coupling Reaction of  
1,3,5-Tris(dimethylvinylsilyl)benzene  
Organometallics, 22, 1835-1842 (2003)

42. B.Marciniak, E.Malecka, M.Scibiorek  
Synthesis of Silylene-Alkylene-Silylene-Vinylene Polymers via Catalytic Silylative Coupling (SC) Polycondensation  
*Macromolecules*, 36,5545-5550(2003)
43. D.Chadyniak, B.Marciniak, M.Kujawa-Welten  
Mass Spectrometric Behaviour of (E)-1-silyl-2-alkoxyethenes  
*J.Mass Spectrom.*, 38, 584-586 (2003)
44. B.Marciniak, E.Malecka  
Synthesis and Structural Characterization of trans-tactic Vinylene-silylene(siloxylene)Polymers  
*J.Phys.Org.Chem.* 16,818-823 (2003)
45. Y.Itami, B.Marciniak, M.Kubicki  
Functionalization of Vinyl-substituted Cyclosiloxane and Cyclosilazane via Ru-catalyzed Silylative Coupling Reaction  
*Organometallics*, 22, 3717-3722 (2003)
46. B.Marciniak  
Misja chemii a polityka naukowo-techniczna panstwa  
*Przemysl Chemiczny*, 82,550-551(2003)
47. I.Dabek, H.Maciejewski, B.Marciniak, P.Blazejewska-Chadyniak  
Epoksyfunkcyjne karbosilany i siloksany - srodki wiazace, sieciujace i modyfikujace  
*Przemysl Chemiczny*, 82, 902-904 (2003)
48. K.Pancer, H.Maciejewski, W.Prukala, B.Marciniak  
N-podstawione aminofunkcyjne karbosilany jako promotory adhezji - technologia otrzymywania i zastosowania  
*Przemysl Chemiczny*, 82, 930-933 (2003)
49. J.Gulinski, B.Marciniak, H.Maciejewski, K.Pancer, I.Dabek, R.Fiedorow  
Synteza karbofunkcyjnych propylotri(alkoksy, metylo)silanow  
*Przemysl Chemiczny*, 82,605-607 (2003)
50. H.Maciejewski, B.Marciniak, J.Gulinski  
Hydrosililowanie organofunkcyjnych olefin poli(wodoro,metylo)siloksanami  
*Przemysl Chemiczny*, 82, 918-920 (2003)
51. A.Wyszpolska, H.Maciejewski, D.Chadyniak, P.Pawluc, B.Marciniak  
Synthesis and the Main Applications of Silicone Waxes  
*Pol.J.Chem.Techn.* 5, 14-16 (2003)
52. B.Marciniak, P.Blazejewska-Chadyniak, M.Kubicki  
Synthesis, First Structures, and Catalytic Activity of the Monomeric Rhodium(I) - siloxidePhosphine Complexes  
*Can.J.Chem.*, 81, 1292-1298 (2003)
53. B.Marciniak  
Synthesis of Organosilicon Reagents of Vinylsilicon Functionality via Cross-metathesis and Silylation of Alkenes in Novel Metathesis Chemistry: Designing Well-Defined Initiator Systems for Novel Metathesis Chemistry: Well-defined Initiator Systems for Specialty Chemical Synthesis, Tailored Polymers and Advanced Material Applic. Kluwer Acad. Publ. (2003), 51-64.
54. B.Marciniak  
Metathetical Conversion and Silylative Coupling of Alkadienes and Cycloalkenes with Mono and Di-vinylsilicon Compounds in Novel Metathesis Chemistry: Designing Well-Defined Initiator Systems for Novel Metathesis Chemistry: Well-defined Initiator Systems for Specialty Chemical Synthesis, Tailored Polymers and Advanced Material Applic. Kluwer Acad. Publ. (2003), 43-49.
55. B.Marciniak, M.Majchrzak

Synthesis and Structural Characterization of Trans-tactic Siloxylene-vinylene-p-phenylene Polymers via ADMET Copolymerization and Silylative Coupling (SC) Polycondensation *J. Organometal. Chem.* 686, 228-234(2003)

56. B.Marciniak

Transformacja systemu finansowania nauki i dzialalnosci badawczo-rozwojowej w Polsce  
*Biuletyn "Humaniora"*, 15,1-7(2003)

57. J.Adamiec, R.Fiedorow, J.Charytonik, J.Gulinski, H.Maciejewski, B.Marciniak

Hydrosililowanie alkenow na katalizatorach multimetalicznych  
*Przemysl Chemiczny*, 82,661-663 (2003)

58. C.Pietraszuk, B.Marciniak, H.Fischer

Cross-metathesis of Vinylsilanes Carrying Electron-withdrawing Substituents with Olefins in the Presence of the Second-generation Grubbs Catalyst  
*Tetrahedron Letters*, 44, 7121-7124(2003)

59. B.Marciniak, D.Chadyniak, S.Krompiec

Stereoselective Synthesis of Amides with Vinylsilicon Functionality via Ruthenium Catalyzed Silylative Coupling Reaction  
*Tetrahedron Letters*, 45,4065-4068(2004).

60. Y.Itami, B.Marciniak, M.Kubicki

Functionalization of Octavinylsilsesquioxane via Ruthenium Catalyzed Silylative Coupling vs. Cross-Metathesis  
*Chemistry - A Eur. J.*, 10,1239-1248(2004)

61. B.Marciniak, C.Pietraszuk

Synthesis of Silicon Derivatives with Ruthenium Catalysts in Topics in Organometallic Chemistry, Eds C.Bruneau & P.Dixneuf,  
Springer-Verlag, Berlin, vol.11, pp 197-248 (2004)

62. B.Marciniak, Y.Itami, M.Majchrzak

Synthesis and Properties of Novel Unsaturated Organosilicon Starburst and Polymer Materials via Ruthenium Catalyzed  
*Mol. Cryst. Liq. Cryst.*, 417,115/[599]-125/[609] (2004)

63. B.Marciniak, D.Chadyniak, S.Krompiec

Ruthenium Catalyzed Cross-metathesis vs. Silylation Coupling of Vinyl and Allyl Sulfides with Vinylsilanes  
*J. Mol. Catal.* 224,111-116(2004)

64. H.Maciejewski, I.Dabek, B.Marciniak

Silanowe srodki wiazace Cz. IX. Epoksyfunkcyjne karbosilany  
*Polimery*, 49,677-683 (2004)

65. M.Jankowska, B.Marciniak, C.Pietraszuk, J.Cytarska, M.Zaidlewicz

Highly Selective Synthesis of 1-(silyl)-1-(boryl)ethenes via a Ruthenium Catalyzed Silylative Coupling Reaction  
*Tetrahedron Lett.* 45, 6615-6618 (2004)

66. B.Marciniak, A.Trzeciak

Preface to Special Issue Dedicated to Prof.J.J.Ziolkowski on the Occasion of his 70th birthday  
*J. Mol. Catal., A: Chemical*, 224, 8-9 (2004)

67. B.Marciniak, P.Sobota

Zwiazki metaloorganiczne i koordynacyjne w syntezie prekursorow nowoczesnych materialoww "Misja chemii",  
Wydawnictwo Poznanskie (red,B.Marciniak), str. 155-168, 2004

68. B.Marciniak

Wprowadzenie do "Misji chemii" w "Misja chemii", Wydawnictwo Poznanskie (red.B.Marciniak), str. 7-10, 2004

69. P.Pawluc, B.Marciniac, G.Hreczycho, B.Gaczewska, Y.Itami  
A Facile Synthesis of 1,1-bis(silyl)ethenes  
J.Org.Chem.70,370-372(2005)
70. B.Marciniac, Y.Itami, D.Chadyniak, M.Jankowska  
New Functionalization of Vinyl-substituted Organosilicon Compounds via Ru-Catalyzed Reactions in Organosilicon Chemistry, vol. VI, (1) Verlag-VCH, 2005, pp 416-424
71. B.Marciniac, M.Zaidlewicz, C.Pietraszuk, I.Kownacki  
Vinyl- and Arylsilicon, Germanium, and Boron Compounds Chapter 2.18 in Comprehensive Organic Functional Group Transformations II (COFGT-II),  
A.R.Katritzky & R.J.K Taylor eds, Elsevier, 2005, pp 941-1024
72. P.Pawluc, B.Marciniac, I.Kownacki, H.Maciejewski  
Synthesis of Phenylene-silylene-ethylene Polymers via Transition Metal Complex Catalyzed Hydrosilylation Polymerization  
Appl.Organometal.Chem., 19, 49-54 (2005)
73. B.Marciniac, M.Jankowska, C.Pietraszuk  
New Catalytic Route to Functionalized Vinylboronates  
Chemical Communications, 663-665 (2005)
74. H.Maciejewski, B.Marciniac, P.Blazejewska-Chadyniak, I.Dabek  
Synthesis of Glycidoxypropyl-silanes and siloxanes via Rhodium-siloxide Catalyzed Hydrosilylation in Organosilicon Chemistry, vol. VI (1), Wiley-VCH, 2005, pp.408-416
75. M.Jankowska, O.Shuvalova, N.Bespalova, M.Majchrzak, B.Marciniac  
Cross-coupling of Vinyl-disilacyclobutane with Olefins Catalyzed by [RuH(Cl)(CO)(PCy<sub>3</sub>)<sub>2</sub>]  
J.Organometal.Chem., 690, 4492-4497 (2005)
76. P.Pawluc, B.Gaczewska, B.Marciniac  
Application of alpha, omega-bis(dimethylvinylsiloxy)alkanes in  
Organosilicon Chemistry, vol. VI (1) Wiley-VCH, 2005, pp. 553-559
77. S.Krompiec, M.Pigulla, N.Kuznik, M.Krompiec, B.Marciniac, D.Chadyniak, J.Kasperczyk  
Highly Selective Isomerization of N-allylamides Catalyzed by Ruthenium and Rhodium Complexes  
J.Mol.Catal., A, 225, 91-101 (2005)
78. M.Majchrzak, B.Marciniac, Y.Itami  
Highly Stereoselective Synthesis of Arylene-Silylene-Vinylane Polymers  
Adv.Synth.Catal., 347, 1285-1294 (2005)
79. B.Marciniac  
Catalysis by Transition Metal Complexes of Alkene Silylation - Recent Progress and Mechanistic Implications  
Coord. Chem.Revs, 249, 2374-2390 (2005)
80. B.Marciniac  
Nauka a innowacje w europejskiej i polskiej przestrzeni badawczej w "Przestrzeni Nauki",  
Wyd. Fundacja na rzecz Nauki Polskiej, 73-81 (2005)
81. P.Pawluc, G.Hreczycho, B.Marciniac  
Highly Effective and Regioselective Synthesis of 1,1-Bis(alkoxydimethylsilyl)ethenes  
Synlett, 1105-1108 (2005)
82. M.Majchrzak, B.Marciniac, M.Kubicki, A.Pawelczyk  
Highly Selective Synthesis and Structural Characterization of Bis(silyl)-[3]-ferrocenophanes Derivatives  
Organometallics, 24, 3731-3736 (2005)
83. B.Marciniac, M.Majchrzak, W.Prukala, M.Kubicki, D.Chadyniak  
Highly Stereoselective Synthesis, Structure and Application of (E)-9-[2-(silyl)ethenyl]-9H-carbazole

J.Org.Chem., 70, 8550-8555 (2005)

84. I.Kownacki, B.Marciniak, K.Szubert, M.Kubicki  
Silylcarbonylation of Vinylsilanes Catalyzed by Iridium(I) Siloxide Complexes  
Organometallics, 24, 6179-6183 (2005)

85. E.Mieczynska, A.M.Trzeciak, J.J.Ziolkowski, I.Kownacki, B.Marciniak  
Hydroformylation and Related Reactions of Vinylsilanes Catalyzed by Siloxide Complexes of Rhodium(I) and Iridium(I)  
J.Mol.Catal., 237, 246-253 (2005)

86. B.Marciniak  
Catalysis by Late Transition Metal-siloxide Complexes in Education in Advanced Chemistry, vol. 9  
Perspectives of Coordination Chemistry, (A.Trzeciak ed.) Wyd.Uniw.Wroclawskiego, pp.195-214(2005)

87. C.Pietraszuk, H.Fischer, S.Rogalski, B.Marciniak  
The Effect of Substituents at Silicon on the Cross-metathesis of Trisubstituted Vinylsilanes with Olefins  
J.Organometal.Chem., 690, 5912-5921 (2005)

88. C.Pietraszuk, B.Marciniak, S.Rogalski, H.Fischer  
Homo-metathesis of Vinylsilanes Catalysed by Ruthenium Carbene Complexes  
J.Mol.Catal., 240, 67-71 (2005)

89. B.Marciniak  
Europejska Platforma Zrownawozonej Chemii - szansa dla przemyslu i nauki w Polsce  
Chemik, 11-12, 563(2005)

90. S.Krompiec, M.Pigulla, M.Krompiec, B.Marciniak, D.Chadyniak  
Highly selective Isomerization of N-allylamines Catalyzed by Ruthenium and Rhodium Complexes  
J.Mol.Catal., Chem. A, 237, 17-25 (2005)

91. B.Marciniak, H.Lawicka, M.Majchrzak, M.Kubicki, I.Kownacki  
Synthesis of Functionalized Vinylgermanes through a New Ruthenium Catalyzed Coupling Reaction  
Chemistry, A Eur.J., 12, 244-250 (2006)

92. H.Maciejewski, B.Marciniak  
Poliestry silikonowe - synteza, wlasciwosci i zastosowania  
Przemysl Chemiczny, 85, 138-142 (2006)

93. B.Marciniak, H.Maciejewski, K.Szubert, M.Kurdykowska  
Catalysis of Hydrosilylation Part XXXVII Modification of (Poly)siloxanes via Hydrosilylation Catalyzed by Rhodium Complex in Ionic Liquids  
Chemical Monthly 137, 605-611 (2006)

94. G.Hreczycho, P.Pawluc, B.Marciniak  
An Efficient Synthesis of Unsymmetrical 1,1-Bis(silyl)ethenes  
Synthesis, 8, 1370-1374(2006)

95. H.Maciejewski, A.Sydor, B.Marciniak, M.Kubicki, P.B.Hitchcock  
Intermediates in Nickel(0)-Phosphine Complex Catalyzed Dehydrogenative Silylation of Olefins  
Inorg.Chim.Acta 359, 2989-2997 (2006)

96. M.Jankowska, C.Pietraszuk, B.Marciniak, M.Zaidlewicz  
Stereoselective Synthesis of E-1-boryl-3-(silyl)propenes via Ruthenium Catalysed Cross-metathesis and Cross-coupling Reactions  
Synlett, 1695-1698 (2006)

97. P.Pawluc, B.Marciniak, B.Dudziec, G.Hreczycho, M.Kubicki  
Novel Highly Stereoselective Approach toward (Z)-1,2-Bis(silyl)ethenes  
Synthesis 3739-3745 (2006)

98. B.Marciniak

Education in Advanced Chemistry New Catalytic Activation of Olefinic Carbon-hydrogen Bond - Application to Organometallic and Organic Synthesis in "Education in Advanced Chemistry "

Vol. X. Organic and Polymer Synthesis and Catalysis, (Ed. B. Marciniak) Wyd. Poznańskie, Poznań-Wrocław, 141-154 (2006)

99. P. Pawluc, B. Marciniak, M. Kubicki  
(E)-1,2-bis(diphenylmethylsilyl)ethene  
Acta Cryst. E62, o2245-o2246 (2006)

100. B. Marciniak  
Preface  
J. Mol. Catal., 245, 1 (2006)

101. W. Prukala, M. Majchrzak, C. Pietraszuk, B. Marciniak  
Highly Stereoselective Synthesis of E-4-chlorostilbene and its Derivatives via Tandem Cross-metathesis (or Silylative Coupling) and Hiyama Coupling  
J. Mol. Catal., 254, 58-63 (2006)

102. C. Pietraszuk, S. Rogalski, M. Majchrzak, B. Marciniak  
Cross-metathesis of Divinylsubstituted Silanes and Siloxanes in the Presence of Grubbs Catalysts  
J. Organometal. Chem., 691, 5476-5481 (2006)

103. P. Pawluc, G. Hreczycho, B. Marciniak  
A New Selective Approach to 1,1-Bis(silyl)-2-aryl-ethenes and 1,1-Bis(silyl)-1,3-butadienes via Sequential Silylative Coupling - Heck Coupling Reactions  
J. Org. Chem., 71, 8676-8679 (2006)

104. B. Marciniak, B. Dudzic, I. Kownacki  
New Catalytic Route for Activation of sp-Carbon-hydrogen Bond  
Angew. Chem., Int. Ed., 45, 8180-8184 (2006)

105. B. Marciniak  
Inicjatywa Poznańskiego Centrum Zaawansowanych Technologii "Nauka dla Polski",  
Materiały z Sesji w Sejmie RP, Wyd. PAN Warszawa, 2006 pp. 66-71.

106. A. Wawrzynczak, H. Maciejewski, B. Marciniak, R. Fiedorow  
Synteza silanów organofunkcyjnych w układach heterogenicznych  
Przemysł Chemiczny, 85, 779-781 (2006)

107. A. Wawrzynczak, L. Celka, A. Wajnert, H. Maciejewski, B. Marciniak, R. Fiedorow  
Badanie procesu otrzymywania i właściwości teksturalnych nosników polimerowych dla katalizatorów reakcji hydrosililowania  
Przemysł Chemiczny, 85, 782-785 (2006)

108. H. Maciejewski, I. Dabek, K. Szubert, B. Marciniak  
Synteza jonych środków powierzchniowo czynnych w oparciu o epoksyfunkcyjne (poli)siloksany  
Przemysł Chemiczny, 85, 946-949 (2006)

109. S. Oczkiewicz, H. Maciejewski, A. Dutkiewicz, I. Dabek, M. Tyrka, D. Minda, B. Marciniak  
Synteza organofunkcyjnych silanów z 3-chloropropylotrimetoksylsilanu w skali politechnicznej  
Przemysł Chemiczny, 85, 962-964 (2006)

110. A. Wawrzynczak, H. Maciejewski, B. Marciniak, R. Fiedorow  
Otrzymywanie modyfikowanych siloksanów na heterogenicznych katalizatorach platynowych  
Przemysł Chemiczny, 85, 786-788 (2006)

111. B. Marciniak  
Preface  
Education in Advanced Chemistry, vol. 10 Organic and Polymer Synthesis and Catalysis, 7-8, 2006

112. M. Bayda, M. Majchrzak, H. Kozubek, B. Marciniak, B. Marciniak  
Fotoizomeryzacja cis/trans 1,4-bis(dimetylofenylosililowinylo)benzenu



- Mat. VIII Srodowiskowej Konferencji Chemikow, "Chemia w zrownowazonym rozwoju", 527-534(2006)
113. W.Prukala, B.Marciniac, M.Kubicki 1-{4-[(E)-2-(9H-Carbazol-9-yl)ethenyl]phenyl}ethan-1-one Acta Cryst., E63, o4255 (2007)
114. B.Marciniac, J.Waehner, P.Pawluc, M.Kubicki Highly Stereoselective Synthesis and Application of Functionalized Tetravinylcyclotetrasiloxanes via Catalytic Reactions J.Mol.Catal., 265, 25-31 (2007)
115. B.Marciniac, P.Pawluc, C.Pietraszuk Inorganometallic Chemistry in Inorganic and Bio-Inorganic Chem., (Ed. I.Bertini) in Encyclopedia of Life Support Systems (EOLSS), Developed Under the Auspices of the UNESCO, Eolss Pub., Oxford, UK, [http://www.eolss.net]
116. M.Hoffmann, B.Marciniac Quantum Chemical Study of the Mechanism of Ethylene Elimination in Silylative Coupling of Olefins J.Mol.Model, 13, 477-483 (2007)
117. W.Prukala, B.Marciniac, M.Majchrzak, M.Kubicki Highly Stereoselective Synthesis of p-Substituted (E)-N-styrylcarbazoles via Sequential Silylative Coupling - Hiyama Coupling Reaction Tetrahedron 63,1107-1115 (2007)
118. I.Kownacki, B.Marciniac, A.Macina, S.Rubinsztajn, D.Lamb Catalysis of Hydrosilylation Part XXXVIII Catalytic Activity of Iridium-siloxide Complexes in Cross-linking of Silicones Applied Catalysis A: General 317,53-57 (2007)
119. B.Marciniac Metateza olefin jako podstawa zrownowazonych technologii chemicznych Przemysl Chemiczny 86,15-23(2007)
120. J.Waehner, B.Marciniac, P.Pawluc Functionalization of Vinylspherosilicates by Ruthenium-Catalyzed Silylative Coupling Reactions Eur.J.Inorg.Chem., 2975-2980 (2007)
121. G.Hreczycho, P.Pawluc, B.Marciniac, M.Kubicki New Cyclic and Macrocyclic Silaolefins via Ring-closing Metathesis of 1,1-Bis(silyl)ethene-tethered Dienes J.Organometal.Chem., 692,2575-2581(2007)
122. W.Prukala, B.Marciniac, M.Kubicki Tetra-n-butylammonium Iodide: a Space-group Revision Acta Cryst. E63, o1464-o1466 (2007)
123. B.Marciniac, H.Lawicka, B.Dudziec New Catalytic Route to Alkynylgermanes Organometallics, 26, 5188-5192 (2007)
124. P.Pawluc, G.Hreczycho, J.Walkowiak, B.Marciniac A New Facile Synthesis of 1,1-Dibromo-2-arylenes Synlett , 2061-2064 (2007)
125. B.Marciniac Catalytic Coupling of sp<sup>2</sup> and sp-Hybridized Carbon-Hydrogen Bonds with Vinylmetalloid Compounds Acc. Chem. Res. 40, 943-952 (2007)
126. C.Pietraszuk, H.Fischer, B.Marciniac Cross-metathesis of Vinyl-substituted Organosilicon Derivatives with Olefins and Dienes in the Presence of Grubbs Catalysts in Metathesis Chemistry: from Nanostructure Design to Synthesis of Advanced Materials, Eds: Y.Imamoglu, V.SDragutan, Springer, 2007, 265-281.
127. B.Marciniac Committee of Chemistry as a Corporate Expert Annual Report, 2007, Polish Academy of Sciences, PP.121-122.
128. P.Pawluc, B.Marciniac, M.Kubicki 1,4-Bis[2,2-bis(trimethylsilyl)ethynyl]benzene Acta Cryst. E63, o4357 (2007)
129. M.Kubicki, W.Prukala, B.Marciniac Two 9-[(E)-nitrophenylvinyl]-9H-carbazoles Acta Cryst., C63, o690-o692 (2007)
130. M.Kubicki, W.Prukala, B.Marciniac Three 9-[(E)-2-(4-halogenophenyl)vinyl]-9H-carbazoles Acta Cryst., C63, o754-o757 (2007)
131. M.Majchrzak, B.Marciniac, M.Kubicki (E,E)-4,4'-Bis[dimethyl(styryl)silyl]-biphenyl Acta Cryst. E63, o4932 (2007)
132. M.Bayda, M.Majchrzak, K.Wieczorek, H.Kozubek, B.Marciniac, B.Marciniak Cis-trans Photoisomerization of Silylene-Vinylene-p-Phenylene Polymers and Their Model Compounds J.Photochem. Photobiol.A :Chemistry , 195, 30-38 (2008)
133. M.Majchrzak, M.Ludwiczak, M.Bayda, B.Marciniak, B.Marciniac Highly Stereo-Efficient Synthesis and Luminescence Properties of Novel trans-Regular Vinyl ene-Silylene-Thiophene Polymers J.Polym.Sci.Pol.Chem. 46, 127-137 (2008)
134. I.Kownacki, M.Kubicki, K.Szubert, B.Marciniac Synthesis, Structure and Catalytic Activity of the First Iridium(I) siloxide vs. Chloride Complexes with 1,3-mesitylimidazol-2-ylidene Ligand J.Organometal.Chem., 693, 321-328 (2008)
135. B.Marciniac, H.Lawicka, B.Dudziec A New Catalytic Route to Synthesis of Silylgermylethyne J.Organometal.Chem., 693, 235-240 (2008)
136. B.Marciniac, M.Dutkiewicz, H.Maciejewski, M.Kubicki New, Effective Method of Synthesis and Structural Characterisation of Octakis(3-chloropropyl)octasilsesquioxane Organometallics., 27, 793-794 (2008)
137. B.Leska, R.Pankiewicz, G.Schreoder, B.Gierczyk, H.Maciejewski, B.Marciniac New Type of Repeated Si-C-podand Catalysts for Solid-liquid Phase Transfer Reactions Catal.Comm., 9, 821-825 (2008)
138. B.Marciniac, K.Szubert, M.J. Potrzebowski, I.Kownacki, K.Leszczak Synthesis, Characterization and Catalytic Activity of the Well-defined Rhodium Siloxide Complex Immobilized on Silica Angew.Chem., Int.Ed., 47, 541-544 (2008)
139. W.Prukala, P.Pawluc, K.Posala, B.Marciniac A New Stereoselective Approach to (E)-Poly(arylenevinylene) Polymers Synlett, (1) 41-44(2008)
140. B.Marciniac, H.Lawicka Synthesis of Substituted Vinylgermanes via Ruthenium Complex Catalyzed Germylation of Olefins Appl.Organometal.Chem. 22, 510-515 (2008)
141. B.Marciniac, P.Pawluc, G.Hreczycho, A.Macina, M.Madalska Silylation of Silanols with Vinylsilanes Catalyzed by Ruthenium Complex Tetrahedron Lett. 49, 1310-1313 (2008)
142. M.Majchrzak, B.Marciniac, M.Kubicki (E)-1,2-Bis{4-[dimethyl(vinyl)silyl]-phenyl}ethene Acta Cryst. E64, o93 (2008)
143. P.Zak, C.Pietraszuk, B.Marciniac Cross-metathesis of Vinyl-substituted and Cyclic Siloxanes with Olefins in the Presence of Grubbs Catalysts J.Mol.Catal.,289,1-8 (2008)
144. B.Marciniac, J.Walkowiak New Catalytic Route to Borasiloxanes Chem. Commun., 2695-2697 (2008)
145. J.Walkowiak, M.Jankowska-Wajda, B.Marciniac New Catalytic Route to Boryl- and borylsilyl-substituted Buta-1,3-dienes Chem., Eur.J. 14, 6679-6686 (2008)
146. W.Prukala, M.Majchrzak, K.Posala, B.Marciniac A Convenient One-pot Synthesis of Bis(E)-4-halostyryl)arene Derivatives Synthesis , 3047-3052 (2008)
147. B.Marciniac, B.Dudziec A New Catalytic Route to Synthesis of Monoalkynyl-functionalized Multivinyl-substituted Cyclosiloxanes and Cyclosilazanes

- Organometallics, 27, 5598-5604 (2008) 148. P.Pawluc, M.Madalska, G.Hreczycho, B.Marciniak New Stereoselective Synthesis of (Z)-alpha-Iodovinylsilanes via One-Pot Iododesilylation/ Isomerization of 1,1-Bis(silyl)alk-1-enes Synthesis, 3687-3691(2008) 149. B.Marciniak Od katalizy kompleksami metali w chemii krzemu do chemii metaloorganicznej w katalizie Wiadomosci Chemiczne , czesc II, str. 703-730 (2008) 150. B.Marciniak, I.Kownacki Transformations of (Organo)silicon Compounds Catalyzed by Iridium Complexes in "Iridium Complexes in Organic Synthesis" , L.Oro & C.Claver eds, Wiley-VCH, Weinheim, Chapter 14, pp.345-367(2009) 151. B.Marciniak, M.J.Potrzebowski, I.Kownacki, K.Szubert Well-defined Surface Rhodium Siloxide Complexes and Their Application to Catalysis in "Recent Advances in Surface organometallic Chemistry", J.M.Basset et. al, eds, Wiley-VCH, Weinheim, Chapter 7, pp. 293-312 (2009) 152. B.Marciniak, J.Walkowiak Ruthenium(II) Complex Catalyzed O-borylation of Alcohols with Vinylboronates Synlett , 2433-2439 (2009) 153. I.Kownacki, B.Marciniak, H.Steinberger, M.Kubicki, M.Hoffmann, A.Ziarko, K.Szubert, M.Majchrzak, S.Rubinsztajn Effect of Trisubstituted Phosphites on Platinum Catalyzed Curing of Silicon Rubber Appl.Catal., A General 362, 106-114 (2009) 154. P.Zak, M.Skrobanska, C.Pietraszuk, B.Marciniak Functionalization of Vinyl-substituted Linear Oligo- and Polysiloxanes via Ruthenium Catalyzed Silylative Coupling with Styrene J.Organomet.Chem. 694, 1903-1906 (2009) 155. H.Maciejewski, K.Szubert, B.Marciniak, J.Pernak Hydrosilylation of Functionalized Olefins Catalysed by Rhodium Siloxide Complexes in Ionic Liquids Green Chemistry, 11, 1045-1051 (2009) 156. B.Marciniak, K.Szubert, R.Fiedorow, I.Kownacki, M.J.Potrzebowski, M.Dutkiewicz, A.Franczyk Catalysis of Hydrosilylation by Well-defined Rhodium Siloxide Complexes Immobilized on Silica J.Mol.Catal. 310, 9-16 (2009) 157. M.Dutkiewicz, H.Maciejewski, B.Marciniak Functionalisation of Polyhedral Oligomeric Silsesquioxane (POSS) via Nucleophilic Substitution Synthesis, 12, 2019-2024 (2009) 158. P.Pawluc, G. Hreczycho, A.Suchacki, M.Kubicki, B.Marciniak Cyclic 1,1-Bis(silyl)alkenes - New Building Blocks for the Stereoselective Synthesis of Unsymmetrical (E)-Stilbenes and (E,E)-1,4-Diarylbuta-1,3-dienes Tetrahedron 65, 5497-5502 (2009) 159. B.Marciniak Chemia w scenariuszach Narodowego Programu Foresight Polska 2020 Chemik (3), 83(2009) 160. P.Pawluc, G.Hreczycho, M.Madalska, J.Szudkowska, M.Kubicki, B.Marciniak An Improved Synthesis of 2-Aryl-1,1-bis(trimethylsilyl)ethenes Synthesis, 3843-3847 (2009) 161. H.Maciejewski, K.Szubert, B.Marciniak Technologie otrzymywania funkcjonalizowanych polisiloksanów Polimery, 10, 706-711 (2009) 162. B.Marciniak, K.Szubert, M. J.Potrzebowski, I.Kownacki, H.Maciejewski Synthesis, Characterization and Catalytic Activity of a Well-Defined Rhodium-Siloxide Phosphine Complexes Immobilized on Silica ChemCatChem 1,304-310 (2009) 163. P.Pawluc, G.Hreczycho, J.Szudkowska, M.Kubicki, B.Marciniak New One-pot Synthesis of (E)-beta-aryl Vinyl Halides from Styrenes Organic Letters, 11, 3390-3393 (2009) 164. P.Zak, C.Pietraszuk, B.Marciniak, G.Spolnik, W.Danikiewicz Efficient Functionalisation of Cubic Monovinylsilsesquioxanes via Cross-metathesis and Silylative Coupling with Olefins in the Presence of Ruthenium Complexes Adv.Synth.Catal., 351,2675-2682 (2009) 165. S.Rogalski, C.Pietraszuk, B.Marciniak Synthesis of Siloxy-modified Second Generation Hoveyda-Grubbs Catalysts and their Catalytic Activity J.Organomet.Chem. 694,3918-3922 (2009) 166. M.Bayda, G.L.Hug, J.Lukaszewicz, M.Majchrzak, B.Marciniak, B.Marciniak Kinetics of Reversible Photo-Isomerization: Determination of the Primary Quantum Yields for the E-Z Photoisomerization of Silylenephenylenevinylene Derivatives Photochemical & Photobiological Sciences, 8, 1667-1675(2009) 167. M.Kubicki, W.Prukala, B.Marciniak Two polymorphs of 9-[(E)-2-(4-methylphenyl)ethenyl]-9H-carbazole, both with Z' = 4 Z.Kristallographie, 224, 412-415 (2009) 168. J.Walkowiak, B.Marciniak Ruthenium(II) catalyzed O-borylation of boronic acids with vinylboronates Synlett , 2433-2439 (2009) 169. B.Marciniak, P.Pawluc, W.Prukala Silylative Coupling of Olefins with Vinylsilanes in the Synthesis of pi-conjugated Double Bond Systems Eur. J. Org. Chem. , 219-229 (2010) 170. A. Kubas, M. Hoffmann, B. Marciniak Quantum Chemical Studies on Substitution Effects Within Silyl Group in the Silylative Coupling of Olefins J.Mol.Model., 16, 395-400 (2010) 171. I.Kownacki, B.Marciniak, K.Szubert, M.Kubicki, M.Jankowska-Wajda, H.Steinberger, S.Rubinsztajn Tris(triorganosilyl)phosphates - New Ligands Controlling Catalytic Activity of Pt(0) Complex in Curing of Silicone Rubber Applied Catalysis A: General, 380, 105-112 (2010) 172. J.Walkowiak, B.Marciniak, M.Jankowska-Wajda New Catalytic Route to Silylene-vinylene-boronate Systems Journal of Organometallic Chemistry, 695, 1287-1292 (2010) 173. P.Pawluc, G.Hreczycho, J.Szudkowska, A.Franczyk, B.Marciniak (Z)-1,2-bis(ethoxydimethylsilyl)arylethenes as New Building Blocks for Organic Synthesis Appl.Organomet.Chem., 24, 853-857 (2010) 174. B.Marciniak, C. Pietraszuk Functionalization of Vinylsubstituted (poly)siloxanes and Silsesquioxanes via Cross-metathesis and Silylative Coupling Transformations NATO Science for Peace and Security Series - A: Chemistry and Biology Green Metathesis Chemistry, Great Challenges in Synthesis, Catalysis and Nanotechnology (eds. V. Dragutan, A. Demonceau, I. Dragutan, E.S. Finkelshtein), 2010, pp. 157 &ndash; 171. 175. B.Marciniak Funkcjonalizowane oktasilseskwioxany klatkowe (T8) jako podstawa hybrydowych nanokompozytów polimerowych Przemysł Chemiczny, 89, 1184-1187 (2010) 176. I.Kownacki, P.Eilbracht, B.Marciniak Silylcarbonylation of Styrene Catalyzed by Iridium(I) Siloxide Complexes Appl.Catal. A: General, 390, 94-101 (2010) 177. J.Walkowiak, B.Marciniak A New Catalytic Method for

the Synthesis of Boroxanes Tetrahedron Lett., 51, 6177-6180 (2010) 178. B.Marciniak, H.Maciejewski, C.Pietraszuk, P.Pawluc, J.Guliński Hydrosilylation Encyclopedia of Catalysis (on line: DOI: 10.1002/0471227617 eoc.117), 2010