



Lp.	Autor/Autorzy	Tytuł publikacji	Czasopismo/Konferencja	Rok publikacji
1	J. Milecki, J. Nowak , B. Skalski, S. Franzen	5-Fluoro-4-thiouridine phosphoramidite: New synthon for introducing photoaffinity label into oligodeoxynucleotides	Bioorganic& Medicinal Chemistry 19 (2011) 6098-6106	2011
2	M. Ludwiczak, M. Majchrzak, M. Bayda , B. Marciniak, K. Kubicki, B. Marciniac	"Stereoselective Synthesis and Luminescence Properties of Novel π -conjugated trans-regular N-alkylcarbazolylene-silylene-vinylene Compounds"	Organometallics	2012
3	K. Komodziński, J. Nowak , J. Lepczyńska, J. Milecki, B. Skalski	Photochemistry of 6-azidopurine ribonucleoside in aqueous solution,	Tetrahedron Letters, 53, 2316-2318	2012
4	Bogdan Marciniac , Krystian Posala, Ireneusz Kownacki, Maciej Kubicki,	New bis(dialkynyldisiloxane)triplatinum(0) cluster; synthesis, structure and catalytic activity in olefin Hydrosilylation,	ChemCatChem 2012, 4, 1935-1937	2012
5	H. Maciejewski, J. Karasiewicz, B. Marciniac	Efektywna synteza fluorofunkcyjnych (poli)siloksanów	Polimery 2012, 57, 535-544,	2012
6	Jędrzej Walkowiak, Bogdan Marciniac	Synthesis of Unsaturated Starburst Compounds with a Boron Atom in the Core	Organometallics, 2012, 31 (10), pp 3851-3856	2012
7	P.Pietras, R.Przekop , H.Maciejewski	New approach to preparation of gelatine/SiO ₂ hybrid systems by the sol-gel process Ceramics	Silikaty 04/2013	2013
8	M. Szolęga, M. Dutkiewicz, B. Marciniac , H. Maciejewski	Synteza reaktywnych żywic siloksanowo-silsekwioxanowych	Polimery Nr 10/2013, 766-777	2013
9	K. Pielichowski, M. Jancia, E. Hebda, J. Pagacz, J. Pielichowski, B. Marciniac , A. Franczyk	Poliuretany modyfikowane funkcjonalizowanym silsekwioxanem - synteza i właściwości	Polimery Nr 10/2013, 783-793	2013
10	M. Przybylak, H. Maciejewski, B. Marciniac	Synteza i charakterystyka silsekwioxanów o strukturze niecałkowicie skondensowanych klatek	Polimery Nr 10/2013, 741-747	2013
11	K. Szwarc-Rzepka, N. Gogola, K. Siwińska-Stefańska, B. Marciniac , T. Jesionowski	Synthesis and physicochemical characterization of silica fillers modified with octakis((3-metacryloxypropyl)dimethylsilyloxy)octasilsesquioxane	Polish Journal of Chemical Technology 2013, 15, 1-9	2013
12	J.Szudkowska-Frątczak, A. Ryba, A. Franczyk, J. Walkowiak , M. Kubicki, P. Pawluć	A highly selective synthesis of 1-substituted (E)-buta-1,3-dienes with 4,4,5,5-tetramethyl-2-vinyl-1,3,2-dioxaborolane as building block	Applied Organometallic Chemistry, Volume 28, Issue 3, pages 137-139, March 2014	2014
13	Redwood, C.; Bayda, M. ; Saltiel, J	Photoisomerization of Pre- and Provitamin D ₃ in EPA at 77 K: One-Bond-Twist, Not Hula-Twist.	J. Phys. Chem. Lett. 2013, 4, 716-721.	2013
14	Ludwiczak, M.; Majchrzak, M. ; Bayda , M.; Marciniak, B.; Kubicki, M.; Marciniac, B.	Stereoselective synthesis and luminescence properties of novel trans-regular N-alkylcarbazolylene-silylene-vinylene polymers	Journal of Organometallic Chemistry, 2014, 750, 150-161	2014
15	Chmielewska, D., Sterzyński, T., Dutkiewicz, M.	Ocena właściwości przetwórczych żywic epoksydowych modyfikowanych silsekwioxanami (POSS)	Inżynieria i Aparatura Chemiczna, 53, 5, 337-338	2014
16	Byczyński, Ł., Dutkiewicz, M. , Maciejewski, H.	Thermal degradation studies of poly(urethane-siloxane) thermosets based on co-poly(dimethyl)(methyl, hydroxypolyoxyethylene)propyl siloxane	Thermochemica Acta, 589, pp. 252-261	2014
17	Maciejewski, H., Karasiewicz, J., Dutkiewicz, A., Dutkiewicz, M. , Dopierała, K., Prochaska, K	Synthesis and properties of polysiloxanes containing mixed functional groups	Reactive and Functional Polymers, 83, pp. 144-154	2014
18	Maciejewski, H., Karasiewicz, J., Dutkiewicz, M. , Nowicki, M., Majchrzycki, Ł	Effect of the type of fluorofunctional organosilicon compounds and the method of their application onto the surface on its hydrophobic properties	RSC Advances, 4 (95), pp. 52668-52675	2014
19	Szubert, K., Marciniac, B. , Dutkiewicz, M. , Potrzebowski, M.J., Maciejewski, H	Functionalization of spherosilicates via hydrosilylation catalyzed by well-defined rhodium siloxide complexes immobilized on silica	Journal of Molecular Catalysis A: Chemical, 391 (1), pp. 150-157	2014
20	Dutkiewicz, M. , Szolęga, M., Maciejewski, H., Marciniac, B.	Thiirane functional spherosilicate as epoxy resin modifier: Synthesis and thermal stability	Journal of Thermal Analysis and Calorimetry, 117 (1), pp. 259-264	2014
21	Dopierała, K., Wamke, A., Dutkiewicz, M. , Maciejewski, H., Prochaska, K.	Interfacial properties of fully condensed functional silsesquioxane: A Langmuir monolayer study	Journal of Physical Chemistry C, 118 (42), pp. 24548-24555	2014
22	J. Nowak-Karnowska , Z. Chebib, J. Milecki, S. Franzen B. Skalski	Highly Efficient Fluorescent Interstrand Photo-crosslinking of DNA Duplexes Labeled with 5-Fluoro-4-thio-2'-O-methyluridine	ChemBioChem 2014, 15, 2045 - 2049	2014
23	D. Frąckowiak, J. Walkowiak , G. Hreczycho, B. Marciniac	Ru ⁰ -Catalyzed Coupling of Vinylboronates with Silanols, Disilanols, and Disiloxanediols: a Selective Route to Borasiloxanes	European Journal of Inorganic Chemistry, 2014, 3216-3220	2014


24	Bayda, M. ; Hug, G. L.; Ludwiczak, M.; Majchrzak, M.; Marciniak, B. ; Marciniak, B.	Intramolecular Charge Transfer Photoemission of a Silicon-Based Copolymer Containing Carbazole and Divinylbenzene Chromophores. Electron Transfer across Silicon Bridges	J. Phys. Chem. A, 2014, 118, 4750-4758	2014
25	B. Dudziec, M. Rzonsowska, B. Marciniak , D. Brzkański, B. Woźniak	New mono- and diethynylsilsesquioxanes-efficient procedures for their synthesis	Dalton Transactions 2014, 43, 13201-13207	2014
26	M. Majchrzak, M. Hybsz, S. Kostera, M. Kubicki, B. Marciniak	Highly stereoselective synthesis of new steryl- π -conjugate organosilicon compounds	Tetrahedron Letters 2014, 55, 3055-3058	2014
27	B. Marciniak , A. Kownacka, I. Kownacki, R. Taylor	Hydrosilylation cross-linking of silicon fluids by novel class of iron(0) catalysts	Applied Catalysis 2014, 486, 230-238	2014
28	B. Marciniak , A. Kownacka, I. Kownacki, M. Kubicki, R. Taylor	Synthesis and structure of well-defined tricarbonyl iron(0) complexes with multivinylsilicon ligands	Journal of Organometallic Chemistry 2014, 750, 132-139	2014
29	M. Rzonsowska, B. Dudziec, I. Kownacki, B. Marciniak	Iridium complex - catalyzed germylative coupling reactions between alkynes and iodogermanes-new route to alkynylgermanium and alkynylgermasilicon compounds	Dalton Transactions 2014, 43, 16795-16799	2014
30	P. Żak, B. Dudziec, M. Kubicki, B. Marciniak	Silylative Coupling vs. Metathesis - Efficient Methods for Synthesis of Difunctionalized Double-Decker Silsesquioxane Derivatives	Chemistry - A European Journal 2014, 20, 9387-9393	2014
31	I. Kownacki, B. Orwat, B. Marciniak	Iridium-promoted conversion of chlorosilanes to alkynyl derivatives in one-pot reaction sequence	Organometallics 2014, 33 (12), 3051-3059	2014
32	A. Franczyk, H. He, J. Burdyńska, Ch. Hui, K. Matyjaszewski, B. Marciniak	Synthesis of high molecular weight polymethacrylates with POSS moieties by ATRP	ACS Macro Letters 2014, 3, 799-802	2014
33	A. Martyla, M. Kopczyk, P. Marciniak, R. Przekop	Platinum(0)-1,3-divinyl-1,1,3,3-tetramethyldisiloxane complex as a Pt source for Pt/SnO ₂ catalyst	Journal of Nanomaterials 2014, ID 275197, 9 pages	2014
34	A. Martyla, M. Kopczyk, P. Marciniak, R. Przekop	One-pot method of synthesis of Pt/SnO ₂ system and its electrocatalytic activity	Chemistry Central Journal 2014, 8(1):49	2014
35	R. Przekop , P. Kirszenstejn	Porous xerogel systems B ₂ O ₃ -Al ₂ O ₃ obtained by the sol-gel method	Journal of Non-Crystalline Solids 2014, 402, 128-134	2014
36	Bogdan Marciniak , Sylwia Kostera, Bożena Wyrzykiewicz, Piotr Pawluć	Ruthenium-catalyzed dealkenative N-silylation of amines by substituted vinylsilanes	Dalton Transactions, 2015, 44, 782-786	2015
37	Jadwiga Pyziak, Jędrzej Walkowiak , Marcin Hoffmann, Bogdan Marciniak	Mechanism of co-dimerization of vinylboronates with terminal alkynes catalyzed by ruthenium-hydride complex	Journal of Molecular Catalysis A: Chemical 2015, 396, 239-244	2015
38	Beata Dudziec, Monika Rzonsowska, Ireneusz Kownacki, Bogdan Marciniak	New protocol for one-pot synthesis of functionalized symmetrical 1,4-dialkyl- or 1,4-diaryl-1,3-diyne	Journal of Organometallic Chemistry, 2015, 775, 20-26	2015
39	Krzysztof Kuciński, Piotr Pawluć, Bogdan Marciniak , Grzegorz Hreczycho	Highly Selective Hydrothiolation of Unsaturated Organosilicon Compounds Catalyzed by Scandium(III) Triflate	Chemistry A European Journal 2015, 21, 4940 - 4943	2015
40	Hieronim Maciejewski, Joanna Karasiewicz, Michał Dutkiewicz , Bogdan Marciniak	Hydrophobic materials based on fluorocarbofunctional spherosilicates	Silicon, 2015, 7, 201-209	2015
41	Bogdan Marciniak , Agnieszka Kownacka, Ireneusz Kownacki, Marcin Hoffmann, Richard Taylor	Hydrosilylation vs. dehydrogenative silylation of styrene catalysed by iron(0) carbonyl complexes with multivinylsilicon ligands – mechanistic implications	Journal of Organometallic Chemistry, 2015, 791, 58-65	2015
42	Jadwiga Pyziak, Jędrzej Walkowiak , Marcin Hoffmann, Bogdan Marciniak	A new catalytic route to borylgermyl-substituted buta-1,3-dienes	Journal of Organometallic Chemistry 2015, 794, 96-103	2015
43	Piotr Pawluć, Bogdan Marciniak , Grzegorz Hreczycho, Justyna Szudkowska-Fratczak, Maciej Kubicki,	Ruthenium-catalyzed silylation of 1,3-butadienes with vinylsilanes	Organic Letters 2015, 17, 2366-2369	2015
44	Dawid Frąckowiak, Patrycja Żak, Grzegorz Spólnik, Mikołaj Pyziak, Bogdan Marciniak	New vinylgermanium derivatives of silsesquioxanes and their ruthenium complexes – synthesis, structure and reactivity	Organometallics 2015, 34, 3950-3958	2015
45	Stelios Alexandris, Adrian Franczyk , George Papamokos, Bogdan Marciniak , Krzysztof Matyjaszewski, Kaloian Koynov, Markus Mezger, George Floudas	Polymethacrylates with Polyhedral Oligomeric Silsesquioxane (POSS) Moieties: The Influence of Spacer Length on Packing, Thermodynamics and Dynamics	Macromolecules, 2015, 48, 3376-3385	2015

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47	Justyna Szudkowska-Frątczak, Mariusz Taczała, Piotr Pawluć	1-(Triethoxysilyl)buta-1,3-dienes—New Building Blocks for Stereoselective Synthesis of Unsymmetrical (E,E)-1,4-Disubstituted 1,3-dienes	Materials 2015, 8(11), 7250-7256	2015
48	Łukasz Byczyński, Michał Dutkiewicz , Hieronim Maciejewski	Synthesis and properties of high-solids hybrid materials obtained from epoxy functional urethanes and siloxanes	Progress in Organic Coatings 84 (2015) 59–69	2015
49	Barczewski, M., Sterzyński, T., Dutkiewicz, M.	Thermo-rheological properties and miscibility of linear low-density polyethylene-silsesquioxane nanocomposites	Journal of Applied Polymer Science, 2015, 132, 42825	2015
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52	S. Karan, C. Hamann, H. Tang, A. R. Stefankiewicz	Surface trapping and STM observation of conformational isomers of a bis(terpyridine) ligand from metallocupramolecular grids	CHEM. PHYS. CHEM., 2015, 16, 1370-1373	2015
53	D. M. Wood, W. Meng, T. K. Ronson, A. R. Stefankiewicz , J. K. M. Sanders, J. R. Nitschke	Guest-induced transformation of a porphyrin-edged FeII4L6 capsule into a CuIFeII2L4 fullerene receptor	ANGEW. CHEM. INT. ED., 2015, 54, 3988-3992	2015
54	G. Pace, A. R. Stefankiewicz	Anchoring Metallosupramolecular Materials on Solid Substrates: Specific Surface–Molecule Interactions and Self-Assembly	Book chapter in the RSC Smart Materials series entitled: "Functional Metallosupramolecular Materials" 2015, Volume 2015-January, Issue 15, 246-268	2015
55	Natalia Prusinowska, Wioletta Bendińska-Berus, Joanna Szymkowiak, Beata Warzajtis, Jadwiga Gajewy, Maciej Jelecki , Urszula Rychlewska, Marcin Kwit	Double helicity induction in chiral bis(triphenylacetamides)	RSC Adv., 2015, 5, 83448-83458	2015
56	Małgorzata Petryk , Anna Troć, Błażej Gierczyk, Witold Danikiewicz, Marcin Kwit	Dynamic Formation of Nanocovalent Calixalen Aggregates	Chem. Eur.J. 2015, 21, 10318-10321	2015
57	Maria Władysław-Przybylak, Dorota Wesolek, Szymon Rojewski, Ryszard Gasiorowski, Weronika Gieparda, Krzysztof Bujnowicz, Hieronim Maciejewski, Rafał Wojcik, Marek Nowicki	Synergistic Effect of Modified Natural Fibres with Halogen-Free Fire Retardants in Reducing Flammability of Composites	Journal of Biobased Materials and Bioenergy, 2015, 9, 2, 115-127	2015
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59	Agnieszka Martyla, Maciej Kopczyk, Monika Osińska-Broniarz, Piotr Marciniak, Robert Przekop	Nanocomposite electrode materials in alcohol oxidation reactions	Composites Theory and Practice 2015, 15: 2, 83-87	2015
60	Agnieszka Martyla, Maciej Kopczyk, Monika Osińska-Broniarz, Piotr Marciniak, Agnieszka Czapił, Łukasz Majchrzycki, Robert Przekop	New method of obtaining CuO-SnO ₂ nanocomposite	Composites Theory and Practice 2015, 15: 4, 214-217	2015
61	Monika Osinska-Broniarz, Weronika Gieparda, Dorota Wesolek, Agnieszka Martyla, Robert Przekop , Agnieszka Sierczynska	Preparation and Characterization of Gel Polymer Electrolytes based on Electrospun PLA/PHB Membranes for Lithium-Ion Batteries	ECS Trans. 2015 70(1): 79-88	2015

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64	Czarnecka-Komorowska, D., Sterzyński, T., Dutkiewicz. M.	Polyhedral oligomeric silsesquioxanes as modifiers of polyoxymethylene structure	AIP Conference Proceedings, 1695, art. no. 020013, 2015, DOI: 10.1063/1.4937291	2015
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66	M. Rzonsowska, B. Woźniak, B. Dudziec, J. Pyziak, I. Kownacki, B. Marciniac	A Simple Catalytic Route for Alkynylgermanes	European Journal of Inorganic Chemistry 2016, 339-346	2016
67	P. Żak, M. Majchrzak, G. Wilkowski, B. Dudziec, M. Dutkiewicz, B. Marciniac	Synthesis and characterization of functionalized molecular and macromolecular double-decker silsesquioxane systems	RSC Advances, 2016, 6, 10054-10063	2016
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69	M. Majchrzak, S. Kosterka, M. Grzelak, B. Marciniac , M. Kubicki	An efficient catalytic synthesis and characterization of new styryl-ferrocenes and their trans- π -conjugated organosilicon materials	RSC Advances, 6, 39947-39954	2016
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71	M. Ludwiczak , M. Bayda, M. Dutkiewicz, D. Frąckowiak , M. Majchrzak, B. Marciniak, B. Marciniac	New Arylene-Germylene-Vinylene Compounds – Stereoselective Synthesis, Characterization and Photophysical Properties	Organometallics, 2016, 35 (15), 2454–2461	2016
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73	P. Pawluć, M. Zaranek, B. Marciniac	Ruthenium-catalysed hydrosilylation of carbon-carbon multiple bonds	Organic Chemistry Frontiers, 2016, 3, 1337-1344	2016
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75	M. Barczewski, M. Dobrzyńska-Mizera, M. Dutkiewicz , M. Szotyga	Novel polypropylene b-nucleating agent with polyhedral oligomeric silsesquioxane core: synthesis and application	Polym Int 2016, 65, 1080–1088	2016
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85	A. Martyła, R. Przekop , M. Osinska-Broniarz, M. Walkowiak, M. Kopczyk	One-pot method of synthesis and supercritical carbon dioxide drying of PVdF-HFP composite membranes	European Journal of Chemistry 2016, 7(1), 121-127	2016
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87	D. Gastoł, J. Walkowiak , K. Fic, E. Frąckowiak	Enhancement of the carbon electrode capacitance by brominated hydroquinones	Journal of Power Sources, 2016, 326, 587-594	2016
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89	J. Szyling, K. Stefanowska, A. Franczyk, J. Walkowiak, H. Maciejewski	Nadkrytyczny CO2 w katalizie homogenicznej – zielona alternatywa dla obecnie stosowanych rozpuszczalników	Rozdział w monografii naukowej: Badania i Rozwój Młodych Naukowców w Polsce, Chemia część I, Monografie 2016 (8) Młodzi Naukowcy. ISBN: 978-83-65362-21-6	2016
90	J. Szyling, K. Stefanowska, A. Franczyk, J. Walkowiak, H. Maciejewski	Wykorzystanie układu IL/scCO2 w procesach katalitycznych	Rozdział w monografii naukowej: Badania i Rozwój Młodych Naukowców w Polsce, Chemia część I, Monografie 2016 (8) Młodzi Naukowcy. ISBN: 978-83-65362-21-6	2016
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92	K. Stefanowska, J. Szyling, A. Franczyk, J. Walkowiak, B. Marciniec	Metody syntezy alkenylosilokwoksianów oraz sferokrzemianów	Rozdział w monografii naukowej: Badania i Rozwój Młodych Naukowców w Polsce, Chemia część I, Monografie 2016 (8) Młodzi Naukowcy. ISBN: 978-83-65362-21-6	2016
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