





Lp.	Autor/Autorzy	Tytuł publikacji	Czasopismo/Konferencja	Rok publikacji
1	J. Milecki, <b>J. Nowak</b> , 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, <b>M. Bayda</b> , B. Marciniak, K. Kubicki, <b>B. Marciniac</b>	"Stereoselective Synthesis and Luminescence Properties of Novel $\pi$ -conjugated trans-regular N-alkylcarbazolylene-silylene-vinylene Compounds"	Organometallics	2012
3	K. Komodziński, <b>J. Nowak</b> , J. Lepczyńska, J. Milecki, B. Skalski	Photochemistry of 6-azidopurine ribonucleoside in aqueous solution,	Tetrahedron Letters, 53, 2316-2318	2012
4	<b>Bogdan Marciniac</b> , Krystian Pośała, 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>B. Marciniac</b>	Efektywna synteza fluorofunkcyjnych (poli)siloksanów	Polimery 2012, 57, 535-544,	2012
6	<b>Jędrzej Walkowiak, Bogdan Marciniac</b>	Synthesis of Unsaturated Starburst Compounds with a Boron Atom in the Core	Organometallics, 2012, 31 (10), pp 3851-3856	2012
7	P.Pietras, <b>R.Przekop</b> , H.Maciejewski	New approach to preparation of gelatine/SiO2 hybrid systems by the sol-gel process Ceramics	Silikaty 04/2013	2013
8	M. Szolęga, <b>M. Dutkiewicz, B. Marciniac</b> , 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>B. Marciniac</b> , A. Franczyk	Poliuretany modyfikowane funkcjonalizowanym silsekwioxanem - synteza i właściwości	Polimery Nr 10/2013, 783-793	2013
10	M. Przybylak, H. Maciejewski, <b>B. Marciniac</b>	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>B. Marciniac</b> , 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, <b>J. Walkowiak</b> , M. Kubicki, <b>P. Pawluć</b>	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.; <b>Bayda, M.</b> ; Saltiel, J	Photoisomerization of Pre- and Provitamin D3 in EPA at 77 K: One-Bond-Twist, Not Hula-Twist.	J. Phys. Chem. Lett. 2013, 4, 716-721.	2013
14	Ludwiczak, M.; Majchrzak, <b>M.</b> ; <b>Bayda</b> , M.; Marciniak, B.; Kubicki, M.; <b>Marciniac</b> , 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., <b>Dutkiewicz, M.</b>	Ocena właściwości przetwórczych żywic epoksydowych modyfikowanych silsekwioxanami (POSS)	Inżynieria i Aparatura Chemiczna, 53, 5, 337-338	2014
16	Byczyński, Ł., <b>Dutkiewicz, M.</b> , 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., <b>Dutkiewicz, M.</b> , 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., <b>Dutkiewicz, M.</b> , Nowicki, M., <b>Majchrzycki, Ł</b>	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., <b>Marciniac, B.</b> , <b>Dutkiewicz, M.</b> , 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	<b>Dutkiewicz, M.</b> , Szolęga, M., Maciejewski, H., <b>Marciniac, B.</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., <b>Dutkiewicz, M.</b> , 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	<b>J. Nowak-Karnowska</b> , 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, <b>J. Walkowiak</b> , G. Hreczycho, <b>B. Marciniac</b>	Ru0-Catalyzed Coupling of Vinylboronates with Silanols, Disilanols, and Disiloxanedioles: a Selective Route to Borasiloxanes	European Journal of Inorganic Chemistry, 2014, 3216-3220	2014

24	<b>Bayda, M.</b> ; Hug, G. L.; Ludwiczak, M.; Majchrzak, M.; <b>Marciniak, B.</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. Dudzic, M. Rzonsowska, B. <b>Marciniak</b> , D. Brząkalski, 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>B. Marciniak</b>	Highly stereoselective synthesis of new steryl- $\pi$ -conjugate organosilicon compounds	Tetrahedron Letters 2014, 55, 3055-3058	2014
27	<b>B. Marciniak</b> , 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>B. Marciniak</b> , 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. Dudzic, I. Kownacki, <b>B. Marciniak</b>	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. Dudzic, M. Kubicki, <b>B. Marciniak</b>	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>B. Marciniak</b>	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>B. Marciniak</b>	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, <b>R. Przekop</b>	Platinum(0)-1,3-divinyl-1,1,3,3-tetramethyldisiloxane complex as a Pt source for Pt/SnO <sub>2</sub> catalyst	Journal of Nanomaterials 2014, ID 275197, 9 pages	2014
34	A. Martyla, M. Kopczyk, P. Marciniak, <b>R. Przekop</b>	One-pot method of synthesis of Pt/SnO <sub>2</sub> system and its electrocatalytic activity	Chemistry Central Journal 2014, 8(1):49	2014
35	<b>R. Przekop</b> , P. Kirszenstejn	Porous xerogel systems B <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> obtained by the sol-gel method	Journal of Non-Crystalline Solids 2014, 402, 128-134	2014
36	<b>Bogdan Marciniak</b> , 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, <b>Jędrzej Walkowiak</b> , Marcin Hoffmann, <b>Bogdan Marciniak</b>	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 Dudzic, Monika Rzonsowska, Ireneusz Kownacki, <b>Bogdan Marciniak</b>	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, <b>Bogdan Marciniak</b> , 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, <b>Michał Dutkiewicz</b> , <b>Bogdan Marciniak</b>	Hydrophobic materials based on fluorocarbofunctional spherosilicates	Silicon, 2015, 7, 201-209	2015
41	<b>Bogdan Marciniak</b> , 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, <b>Jędrzej Walkowiak</b> , Marcin Hoffmann, <b>Bogdan Marciniak</b>	A new catalytic route to borylgermyl-substituted buta-1,3-dienes	Journal of Organometallic Chemistry 2015, 794, 96-103	2015
43	Piotr Pawluć, <b>Bogdan Marciniak</b> , 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, <b>Bogdan Marciniak</b>	New vinylgermanium derivatives of silsesquioxanes and their ruthenium complexes – synthesis, structure and reactivity	Organometallics 2015, 34, 3950-3958	2015
45	Stelios Alexandris, <b>Adrian Franczyk</b> , George Papamokos, <b>Bogdan Marciniak</b> , 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

46	Sandra Ilona Paszkiewicz, Ryszard Pilawka, <b>Beata Dudzic, Michał Dutkiewicz, Bogdan Marciniak</b> , Agnieszka Kochmanska, Roman Jedrzejewski, Zbigniew Roslaniec,	Morphology and phase separation in PTT-block-PTMO nanocomposites containing POSS particles	European Polymer Journal 2015, 70, 37-44	2015
47	<b>Justyna Szudkowska-Frątczak, Mariusz Taczała, Piotr Pawluć</b>	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, <b>Michał Dutkiewicz</b> , 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., <b>Dutkiewicz, M.</b>	Thermo-rheological properties and miscibility of linear low-density polyethylene-silsesquioxane nanocomposites	Journal of Applied Polymer Science, 2015, 132, 42825	2015
50	M. T. Ignasiak, Ch. Houe-Levin, G. Kciuk, B. Marciniak, T. <b>Pedzinski</b>	A Reevaluation of the Photolytic Properties of 2-Hydroxybenzophenone-Based UV Sunscreens: Are Chemical Sunscreens Inoffensive?	ChemPhysChem 2015, 16, 628-633	2015
51	<b>W. Drożdż, M. Kołodziejcki, G. Markiewicz, A. Jenczak, A. R. Stefankiewicz</b>	Generation of a multicomponent library of disulfidedonor-acceptor architectures using dynamic combinatorial chemistry	International of Journal of Molecular Sciences, 2015, 16, 16300-16312	2015
52	S. Karan, C. Hamann, H. Tang, <b>A. R. Stefankiewicz</b>	Surface trapping and STM observation of conformational isomers of a bis(terpyridine) ligand from metallocsupramolecular grids	CHEM. PHYS. CHEM., 2015, 16, 1370-1373	2015
53	D. M. Wood, W. Meng, T. K. Ronson, <b>A. R. Stefankiewicz</b> , 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, <b>A. R. Stefankiewicz</b>	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, <b>Jadwiga Gajewy, Maciej Jelecki</b> , Urszula Rychlewska, Marcin Kwit	Double helicity induction in chiral bis(triphenylacetamides)	RSC Adv., 2015, 5, 83448-83458	2015
56	<b>Małgorzata Petryk</b> , 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, <b>Marek Nowicki</b>	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
58	Ewa Markiewicz, Bartłomiej Andrzejewski, Bożena Hilczer, Mateusz Balcerzak, Adam Pietraszko, Mieczysław Jurczyk, <b>Piotr Kuświk</b>	Dielectric and magnetic properties of (Bi <sub>1-x</sub> LaxFeO <sub>3</sub> ) <sub>0.5</sub> (PbTiO <sub>3</sub> ) <sub>0.5</sub> ceramics prepared by high energy mechanochemical technique	Journal of Electroceramics, May 2015	2015
59	Agnieszka Martyla, Maciej Kopczyk, Monika Osińska-Broniarz, Piotr Marciniak, <b>Robert Przekop</b>	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, <b>Agnieszka Czapić, Łukasz Majchrzycki, Robert Przekop</b>	New method of obtaining CuO-SnO <sub>2</sub> nanocomposite	Composites Theory and Practice 2015, 15: 4, 214-217	2015
61	Monika Osinska-Broniarz, Weronika Gieparda, Dorota Wesolek, Agnieszka Martyla, <b>Robert Przekop</b> , 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





62	Sandra Bałabańska, <b>Robert Przekop</b> , Marcin K. Chmielewski	A STUDY OF CHARACTERISTICS OF SILICA OR GLASS SURFACES TO INCREASE EFFICIENCY OF NUCLEIC ACID SYNTHESIS USING THE SOLID PHASE APPROACH	Collection of Czechoslovak Chemical Communications Collection Symposium Series 2014, 14, 227-228	2014
63	Ł. Byczyński, <b>M. Dutkiewicz</b> , H. Maciejewski	Thermal and surface properties of hybrid materials obtained from epoxy-functional urethane and siloxane	Polymer Bulletin 2016, 73, 1247-1265	2016
64	Czarnecka-Komorowska, D., Sterzyński, T., <b>Dutkiewicz. M.</b>	Polyhedral oligomeric silsesquioxanes as modifiers of polyoxymethylene structure	AIP Conference Proceedings, 1695, art. no. 020013, 2015, DOI: 10.1063/1.4937291	2015
65	Dobrzyńska-Mizera, <b>M., Dutkiewicz</b> , M., Sterzyński, T., Laura Di Lorenzo, M.	Interfacial enhancement of polypropylene composites modified with sorbitol derivatives and siloxane-silsesquioxane resin	(2015) AIP Conference Proceedings, 1695, art. no. 020049, 2015 DOI: 10.1063/1.4937327	2015
66	M. Rzonsowska, B. Woźniak, B. Dudziec, J. Pyziak, I. Kownacki, <b>B. Marciniac</b>	A Simple Catalytic Route for Alkynylgermanes	European Journal of Inorganic Chemistry 2016, 339-346	2016
67	P. Żak, M. Majchrzak, G. Wilkowski, B. Dudziec, <b>M. Dutkiewicz, B. Marciniac</b>	Synthesis and characterization of functionalized molecular and macromolecular double-decker silsesquioxane systems	RSC Advances, 2016, 6, 10054-10063	2016
68	P. Żak, B. Dudziec, <b>M. Dutkiewicz, M. Ludwiczak, B. Marciniac</b> , M. Nowicki	A new class of stereoregular vinylene-arylene copolymers with double-decker silsesquioxane in the main chain	Journal of Polymer Science 2016, 54, 1044-1055	2016
69	M. Majchrzak, S. Kosterka, M. Grzelak, <b>B. Marciniac</b> , M. Kubicki	An efficient catalytic synthesis and characterization of new styryl-ferrocenes and their trans- $\pi$ -conjugated organosilicon materials	RSC Advances, 6, 39947-39954	2016
70	M. Pochwała, M. Białek, <b>A. Franczyk, B. Marciniac</b> , K. Czaja	Synthesis and catalytic performance in ethylene and 1-octene polymerization of chlorotitanium(IV) silsesquioxane complexes. Effect of increasing ligand denticity and type of nonreactive organic substituents	European Polymer Journal, 2016, 79, 121-131	2016
71	<b>M. Ludwiczak</b> , M. Bayda, <b>M. Dutkiewicz, D. Frąckowiak</b> , M. Majchrzak, B. Marciniak, <b>B. Marciniac</b>	New Arylene-Germylene-Vinylene Compounds – Stereoselective Synthesis, Characterization and Photophysical Properties	Organometallics, 2016, 35 (15), 2454–2461	2016
72	A. Niemczyk, K. Dziubek, B. Sacher-Majewska, K. Czaja, <b>M. Dutkiewicz, B. Marciniac</b>	Study of thermal properties of polyethylene and polypropylene nanocomposites with long alkyl chain-substituted POSS fillers	Journal of Thermal Analysis Calorimetry, 2016, 125, 1287–1299	2016
73	P. Pawluć, M. Zaranek, <b>B. Marciniac</b>	Ruthenium-catalysed hydrosilylation of carbon-carbon multiple bonds	Organic Chemistry Frontiers, 2016, 3, 1337-1344	2016
74	B. Dudziec, P. Żak, M. Dutkiewicz, A. Franczyk, B. Marciniac	Synthesis of functionalized silsesquioxanes as molecular templates for hybrid materials	Efficient Methods for Preparing Silicon Compounds, ed. Herbert W. Roesky, Elsevier 2016, Chapter 10, 143-159	2016
75	M. Barczewski, M. Dobrzyńska-Mizera, <b>M. Dutkiewicz</b> , M. Szotyga	Novel polypropylene b-nucleating agent with polyhedral oligomeric silsesquioxane core: synthesis and application	Polym Int 2016, 65, 1080–1088	2016
76	M. Dobrzyńska-Mizera, <b>M. Dutkiewicz</b> , T. Sterzyński, M. Laura Di Lorenzo	Polypropylene-based composites containing sorbitol-based nucleating agent and siloxane-silsesquioxane resin	J. Appl. Polym. Sci. 2016; 133 (22), 43476-43484	2016
77	R. Kukawka, A. Pawłowska-Zygarowicz, <b>M. Dutkiewicz</b> , H. Maciejewski, M. Smiglak	New approach to hydrosilylation reaction in ionic liquids as solvent in microreactor system	RSC Advances 2016, 6 (66), 61860-61868	2016
78	<b>M. Dutkiewicz</b> , J. Karasiewicz, M. Rojewska, M. Skrzypiec, K. Dopierata, K. Prochaska, H. Maciejewski	Synthesis of an Open-Cage Structure POSS Containing Various Functional Groups and Their Effect on the Formation and Properties of Langmuir Monolayers	Chemistry - A European Journal, 2016, 22 (37), 13275-13286	2016
79	B. Dudziec, B. Marciniac	Double-decker Silsesquioxanes: Current Chemistry and Applications	Curr. Org. Chem. 2016, vol.10, 1-20, DOI: 10.2174/1385272820666151228193728	2016
80	M. Dutkiewicz, B. Dudziec, B. Marciniac, K. Czaja	Kopolimery olefin z alkenylosilseskwioxanami	BADANIA I ROZWÓJ MŁODYCH NAUKOWCÓW W POLSCE 2015, Poznań, wyd. Młodzi Naukowcy, ISBN (całość) 978-83-942083-6-3, ISBN 978-83 -65362-21-6, 2015, 22-30	2015
81	M. Rzonsowska, B. Dudziec, B. Marciniac	Metodyka syntez alkyniopolodstawionych germananów	BADANIA I ROZWÓJ MŁODYCH NAUKOWCÓW W POLSCE, Poznań, 2015	2015
82	A. Martyła, M. Kopczyk, M. Pokora, M. Osinska-Broniarz, <b>R. Przekop</b>	Ecological and economic aspects of the recovery of metals from waste batteries and accumulators	Ekologia i Technika Vol. XXIV, 2016, nr 1, 27-32	2016

83	P. Jakubowska, A. Martyła, <b>R. Przekop</b> , B. Sztorch, M. Osinska-Broniarz, M. Kopczyk, <b>Ł. Majchrzycki</b>	The influence of spherical silica prepared by sol-gel method on mechanical properties of polypropylene-sio2 composite	Composites, Theory and Praticce, 2016, 16:1, 47-51	2016
84	P. Jakubowska, M. Osinska-Broniarz, A. Martyła, B. Sztorch, A. Sierczyńska, M. Kopczyk, <b>R. Przekop</b>	Thermal properties of pp-sio2 composites filled with stöber silica	Composites Theory and Praticce, 2016, 16:3, 161-166	2016
85	A. Martyła, <b>R. Przekop</b> , 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
86	<b>R. Przekop</b> , P. Kirszensztejn	Highly dispersed Pt on B2O3/Al2O3 support: catalytic properties in the total oxidation of 1-butene	Reaction Kinetics, Mechanisms and Catalysis, 2016, 118, 325	2016
87	D. Gastoł, <b>J. Walkowiak</b> , K. Fic, E. Frąckowiak	Enhancement of the carbon electrode capacitance by brominated hydroquinones	Journal of Power Sources, 2016, 326, 587-594	2016
88	J. Pyziak, <b>J. Walkowiak</b> , <b>B. Marciniec</b>	Recent advances in boron substituted 1,3-dienes chemistry - synthesis and application	Chem. Eur. J. 2016, 22, 1-41	2016
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
91	K. Stefanowska, J. Szyling, A. Franczyk, J. Walkowiak	Przegląd literaturowy reakcji hydrosililowania w nowoczesnych, zielonych rozpuszczalnikach	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
92	K. Stefanowska, J. Szyling, A. Franczyk, J. Walkowiak, B. Marciniec	Metody syntezy alkenylosiloksydów 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
93	K. Stefanowska, J. Szyling, J. Walkowiak	Katalizowana kompleksami metali przejściowych reakcja hydrosililowania alkinów jako metoda syntezy alkenylosilolów	Rozdział w monografii naukowej: Badania i Rozwój Młodych Naukowców w Polsce, Chemia część III, Monografie 2016 (45) Młodzi Naukowcy. ISBN: 978-83-65362-87-2	2016
94	J. Szyling, K. Stefanowska, J. Walkowiak	Hydroborowanie alkinów w tradycyjnych oraz neoterycznych rozpuszczalnikach	Rozdział w monografii naukowej: Badania i Rozwój Młodych Naukowców w Polsce, Chemia część III, Monografie 2016 (45) Młodzi Naukowcy. ISBN: 978-83-65362-87-2	2016
95	A. Janiak, <b>M. Petryk</b> , L. J. Barbour, M. Kwit	Readily Prepared Inclusion Forming Chiral Calixsalens	Org. Biomol. Chem. 2016, 14, 669-673	2016
96	<b>M. Petryk</b> , K. Biniak, A. Janiak, <b>M. Kwit</b>	Unexpected narcissistic self-sorting at molecular and supramolecular level in racemic chiral calixsalens	CrystEngComm, 2016, 18, 4996-5003	2016
97	J. Gajewy, <b>J. Szymkowiak</b> , <b>M. Kwit</b>	Fine tuning of molecular and supramolecular properties of simple trianglimines - the role of functional group	RSC Adv. 2016, 6, 53358-53369	2016
98	<b>M. Petryk</b> , <b>J. Szymkowiak</b> , B. Gierczyk, G. Spólnik, Ł. Popena, A. Janiak, <b>M. Kwit</b>	Chiral, triformylphenol-derived salen-type [4 + 6] organic cages	Org. Biomol. Chem. 2016, 14, 7495-7499	2016
99	A. Troć, <b>J. Gajewy</b> , W. Danikiewicz, <b>M. Kwit</b>	Specific Noncovalent Association of Chiral Large-ring Hexaimines - Ion Mobility Mass Spectrometry and PM7 Study	Chem. Eur. J. 2016, 22, 13258-13264	2016
100	J. Skoryna, M. Wachowiak, A. Marczyńska, A. Rogowska, <b>Ł. Majchrzycki</b> , <b>W. Koczorowski</b> , R. Czajka, L. Smardz	Correlation between interlayer exchange coupling and hydrogen absorption in V-Fe layered structures	Surface & Coatings Technology, 2016, 303, 119-124	2016
101	J. Skoryna, S. Pacanowski, A. Marczyńska, M. Werwiński, A. Rogowska, M. Wachowiak, <b>Ł. Majchrzycki</b> , R. Czajka, L. Smardz	XPS valence band studies of nanocrystalline Zr single bond Pd alloy thin films	Surface & Coatings Technology, 2016, 303, 125-130	2016

102	<b>Ł. Majchrzycki</b> , M. A. Augustyniak-Jabłokow, R. Strzelczyk, M. Maćkowiak	Magnetic centres in functionalized graphene	Acta Physica Polonica A, 2015, 127(2), 540-542	2015
103	K. Kędzierski, K. Rytela, <b>Ł. Majchrzycki</b> , D. Wróbel	Conductive and transparent films of oriented multi-walled carbon nanotubes by Langmuir–Schaefer method	Thin Solid Films, 2015, 589, 701-706	2015
104	M. Dziewiecka, J. Karpeta-Kaczmarek, M. Augustyniak, <b>Ł. Majchrzycki</b> , M. A. Augustyniak-Jabłokow	Evaluation of in vivo graphene oxide toxicity for acheta domesticus in relation to nanomaterial purity and time passed from the exposure	Journal of Hazardous Materials, 2016, 305, 30-40	2016
105	H. Głowiński, I. Gościańska, A. Krysztofik, J. Barnaś, M. Cecot, <b>P. Kuświk</b> , J. Dubowik	Damping in Finemet Films Capped by Platinum	Materiały konferencyjne - 21st International Conference on Microwave, Radar and Wireless Communications (MIKON), 9-11 maja, Kraków, DOI: 10.1109/MIKON.2016.7492035	2016
106	M. Pochwała, M. Białek, A. Franczyk, B. Marciniak, K. Czaja	Synteza bimetalicznego silseskwioxanowego kompleksu tytanu(IV) i jego polimerycznego odpowiednika oraz ich właściwości katalityczne w polimeryzacji olefin	Polimery 2016, 9, 591	2016
107	A. Niemczyk, K. Dziubek, K. Czaja, R. Szatanik, M. Szołtyga, M. Dutkiewicz, B. Marciniak	Nanokompozyty polipropylen/poliedryczne oligomeryczne silseskwioxany – badania objętości swobodnych, stopnia krystaliczności oraz masowego wskaźnika szybkości płynięcia	Polimery 2016, nr 9, 610	2016
108	A. Franczyk, K. Stefanowska, M. Białek, K. Czaja, B. Marciniak	Tytanosilseskwioxany jako katalizatory procesów polimeryzacji olefin	Monografia pokonferencyjna – BADANIA I ROZWÓJ MŁODYCH NAUKOWCÓW W POLSCE 2015, Poznań, wyd. Młodzi Naukowcy, ISBN (całość) 978-83-942083-6-3; ISBN 978-83 - 65362-22-3; 2015, str. 22-28	2015
109	A. Franczyk, J. Szyling, M. Białek, K. Czaja, B. Marciniak	Glinosilseskwioxany – synteza i zastosowania	Monografia pokonferencyjna – BADANIA I ROZWÓJ MŁODYCH NAUKOWCÓW W POLSCE 2015, Poznań, wyd. Młodzi Naukowcy, ISBN (całość) 978-83-942083-6-3; ISBN 978-83 - 65362-22-3; 2015, str. 29-35	2015
110	K. Stefanowska, J. Szyling, A. Franczyk, J. Walkowiak	Procesy hydrosililowania w nowoczesnych, zielonych rozpuszczalnikach	Rozdział w monografii naukowej, wydawnictwo: Młodzi Naukowcy	2015
111	Abdul Rahman Abid, Bronisław Marciniak, Tomasz Pędziński, Muhammad Shahid	Photo-stability and photo-sensitizing characterization of selected sunscreens' ingredients	Journal of Photochemistry and Photobiology A: Chemistry 2017, 332, 241–250	2017
112	A. Gorczyński, <b>M. Zaranek</b> , <b>S. Witomska</b> , A. Bocian, <b>A.R. Stefankiewicz</b> , M. Kubicki, V. Patroniak, <b>P. Pawluć</b>	The cobalt(II) complex of a new tridentate Schiff-base ligand as a catalyst for hydrosilylation of olefins	Catalysis Communications, 2016, 78, 71-74	2016
113	S.P. Black, D.M. Wood, F.B. Schwarz, T.K. Ronson, J.J. Holstein, <b>A.R. Stefankiewicz</b> , C.A. Schalley, J.K.M. Sanders, J.R. Nitschke	Catenation and encapsulation induce distinct reconstitutions within a dynamic library of mixed-ligand Zn4L6	Chemical Science 2016, 7, 2614-2620	2016
114	A. Gorczyński, D. Marcinkowski, D. Pakulski, M. Kubicki, J.M. Harrowfield, <b>A.R. Stefankiewicz</b> , Z. Hnatejko, V. Patroniak	Luminescent activity of metallosupramolecular Cd(II) complexes containing dimethylterpyridine ligand	Arabian Journal of Chemistry, DOI: 10.1016/j.arabj.2016.04.006	2016
115	A. Gorczyński, J. Harrowfield, V. Patroniak, <b>A. R. Stefankiewicz</b>	Quaterpyridines as Scaffolds for Functional Metallosupramolecular Materials	Chem. Rev., 2016, 116 (23), 14620–14674	2016
116	Y.H. Lee, J. Y. Kim, Y. Kim, S. Hayami, J. W. Shin, J. Harrowfield, <b>A. R. Stefankiewicz</b>	Lattice interactions of terpyridines and their derivatives – free terpyridines and their protonated forms	Cryst.Eng.Comm., 2016, 18, 8059-8071	2016
117	M. Richter, T. Trzeciak, <b>J. D. Rybka</b> , W. Suchorska, E. Augustyniak, M. Lach, M. Kaczmarek, J. Kaczmarczyk	Correlations between serum adipocytokine concentrations, disease stage, radiological status and total body fat content in the patients with primary knee osteoarthritis	International Orthopaedics (SICOT) DOI 10.1007/s00264-016-3370-5	2016
118	K. Czerniak, K. Dwiecki, <b>Ł. Majchrzycki</b> , <b>A. Czerniak</b> , W. Białas	Synthesis and application of ammonium-based poly(ionic liquids) as novel cation flocculants	Chemical Papers 2016, 1-8, DOI: 10.1007/s11696-016-0058-7	2016
119	M. Majchrzak, M. Grzelak, <b>B. Marciniak</b>	Synthesis of Novel Styryl-N-isopropyl-9H-carbazoles for Designing trans-conjugated Regular Silicon Hybrid Materials	Organic & Biomolecular Chemistry, 2016, 14, 9406–9415	2016

120	P. Żak, <b>D. Frąckowiak</b> , M. Grzelak, M. Bótt, M. Kubicki, <b>B. Marciniak</b>	Olefin metathesis of vinylgermanium derivatives – efficient method for the synthesis of mono- and difunctionalized germasilsesquioxanes	Advanced Synthesis and Catalysis, 2016, 358, 3265–3276	2016
121	M. Rzonsowska, B. Dudziec, <b>B. Marciniak</b>	Synthesis of a new class of silsesquioxanes with alkynyl and germyl functionality	Dalton Transaction 2016, 45, 17187–17194	2016
122	R. Januszewski, <b>I. Kownacki</b> , H. Maciejewski, <b>B. Marciniak</b>	An efficient catalytic route for the synthesis of silane coupling agents based on 1,1,3,3-tetramethyldisiloxane core	European Journal of Inorganic Chemistry 2017, 851–856	2017
123	<b>A. Franczyk</b> , <b>M. Dutkiewicz</b> , <b>K. Stefanowska</b> , <b>D. Frąckowiak</b> , <b>B. Marciniak</b>	A highly selective synthesis of new alkenylsilsesquioxanes by hydrosilylation of alkynes	Dalton Transactions 2017, 46, 158 – 164	2017
124	E. Silarska, M. Majchrzak, <b>B. Marciniak</b> , A. Trzeciak	Efficient functionalization of olefins by arylsilanes catalyzed by palladium anionic complexes	Journal of Molecular Catalysis A: Chemical, 2017, 426, 458-464	2017
125	S. El-Ahmar <b>W. Koczorowski</b> , A. A. Pozniak, <b>P. Kuświk</b> , W. Strupiński, R. Czajka	Graphene-based magnetoresistance device utilizing strip pattern geometry	Applied Physics Letters doi:10.1063/1.4974938	2017
126	<b>Ł. Majchrzycki</b> , M. Walkowiak, A. Martyła, M. Y. Yablokov, M. Nowicki, R. Czajka	Graphene oxide-multiwalled carbon nanotubes composite as an anode for lithium ion batteries	Materials Science, 2016, 34, 481–486	2016
127	M. Osinska-Broniarz, A. Martyła, <b>L. Majchrzycki</b> , M. Nowicki, and A. Sierczynska	Influence of polymer binder structure on the properties of the graphite anode for lithium-ion batteries	European Journal of Chemistry, 2016, 7, 182–186	2016
128	E. Jankowska, W. Majchrzycki, A. Martyła, <b>Ł. Majchrzycki</b>	The effect of waste material electrode on the properties of positive electrodes in lead-acid batteries	Chemik, 2016, vol. 70, no. 11–12, 691–702,	2016
129	M. Dobrzyńska-Mizera, <b>M. Dutkiewicz</b> , T. Sterzyński, M.L. Di Lorenzo	Isotactic polypropylene modified with sorbitol-based derivative and siloxane-silsesquioxane resin	European Polymer Journal 2016, 85, 62-71	2016
130	D. Czarnecka-Komorowska, T. Sterzynski, <b>M. Dutkiewicz</b>	Polyoxymethylene/polyhedral oligomeric silsesquioxane composites: Processing, crystallization, morphology and thermo-mechanical behavior	International Polymer Processing 2016, 31, 598-606	2016
131	<b>T. Pedzinski</b> , F. Kazmierczak, P. Filipiak, B. Marciniak	Oxidation studies of a novel peptide model N-acetyl-3-(methylthio)propylamine	Journal of Photochemistry and Photobiology A: Chemistry 2017, 336, 98-104	2017
132	<b>J. Szyling</b> , <b>A. Franczyk</b> , <b>K. Stefanowska</b> , <b>M. Klarek</b> , H. Maciejewski, <b>J. Walkowiak</b>	An Effective Catalytic Hydroboration of Alkynes in Supercritical CO <sub>2</sub> under Repetitive Batch Mode	ChemCatChem 2018, 10, 531–539	2018
133	J. Fabrowska, B. Messyasz, <b>J. Szyling</b> , <b>J. Walkowiak</b> , B. Łęska	Isolation of chlorophylls and carotenoids from freshwater algae using different extraction methods	Phycological Research 2018; 66: 52–57	2018
134	K. Mituła, <b>B. Dudziec</b> , <b>B. Marciniak</b>	Synthesis of dialkenyl-substituted double-decker silsesquioxanes as precursors for linear copolymeric systems	Journal of Inorganic and Organometallic Polymers and Materials 2018, 28: 500-507,	2018
135	A. Niemczyk, K. Adamczyk-Tomiak, K. Dziubek, K. Czaja, S. Rabej, R. Szatanik, <b>M. Dutkiewicz</b>	Study of polyethylene nanocomposites with polyhedral oligomeric silsesquioxane nanofillers - from structural characteristics to mechanical properties and processability	Polymer Composites, 2017, pp. 1-15.	2018
136	<b>W. Drożdż</b> , Y. Bessin, V. Gervais, X. Y. Cao, J. M. Lehn, <b>A. R. Stefankiewicz</b> , S. Ulrich	Switching multivalent DNA complexation using metallo-controlled cationic supramolecular self-assemblies	Chem. Eur.J.2018, 24,1518 –1521	2018
137	<b>D. Brzakalski</b> , M. Rzonsowska, <b>B. Dudziec</b>	Regioselective formation of β-(E)- and α- alkenyl-silane moiety attached to the silsesquioxane core via Pt and Ru based hydrosilylation	Appl. Organomet. Chem.,2018, 32, 4267	2018
138	<b>M. Walczak</b> , <b>A. Franczyk</b> , <b>B. Marciniak</b>	Synthesis of new monofunctionalized silsesquioxanes (RSiMe <sub>2</sub> O)(i-Bu) <sub>7</sub> Si <sub>8</sub> O <sub>12</sub> via alkene hydrosilylation	Chem. Asian J. 2018, 13, 181 – 186	2018
139	<b>R. Przekop</b> , <b>P. Marciniak</b> , <b>B. Sztorch</b> , <b>A. Czapiak</b> , M. Stodolny, A. Martyła	One-pot synthesis of Al <sub>2</sub> O <sub>3</sub> -La <sub>2</sub> O <sub>3</sub> CO <sub>3</sub> systems obtained from the metallic precursor by the sol-gel method	Journal of Non-Crystalline Solids 2018, 479, 105-112	2018
140	K. Rachuta, <b>M. Bayda-Smykaj</b> , M. Majchrzak, J. Koput, <b>B. Marciniak</b>	Emission properties of Si-based styryl-carbazole derivatives: Role of meta and para-vinyl substituents and silicon atom	Journal of Luminescence 2018, 196, 57-63	2018
141	R. Januszewski, <b>M. Dutkiewicz</b> , H. Maciejewski, <b>B. Marciniak</b>	Synthesis and characterization of phosphorus-containing, silicone rubber based flame retardant coatings	Reactive and Functional Polymers 2018, 123: 1–9	2018



142	<b>B. Marciniak</b> , H. Maciejewski, C. Pietraszuk, P. Pawluć	Hydrosilylation and Related Reactions of Silicon Compounds	Applied Homogeneous Catalysis with Organometallic Compounds, ed. by B. Cornils, W.A. Herrmann, M. Beller, R. Paciello, Wiley 2018, vol. 2, 569-620	2018
143	<b>M. Dutkiewicz</b> , M. Przybylak, R. Januszewski, H. Maciejewski	Synthesis and flame retardant efficacy of hexakis(3-(triethoxysilyl)propyloxy)cyclotriphosphazene/silica coatings for cotton fabrics	Polymer Degradation and Stability 2018, 148, 10–18	2018
144	P. Groch, K. Dziubek, K. Czaja, K. Mituła, <b>B. Dudziec</b>	Multi-Alkenylsilsesquioxanes as Comonomers and Active Species Modifiers of Metallocene Catalyst in Copolymerization with Ethylene	Polymers 2018, 10, 223	2018
145	P. Groch, <b>K. Dziubek</b> , K. Czaja, M. Białek, <b>K. Mituła</b> , <b>B. Dudziec</b> , <b>B. Marciniak</b>	Synthesis and structural characterization of ethylene copolymers containing double-decker silsesquioxane as pendant groups and cross-linkage sites by coordinative copolymerization	European Polymer Journal 2018, 100, 187-199	2018
146	S. Paszkiewicz, D. Pawlikowska, A. Szymczyk, B. Dudziec, <b>M. Dutkiewicz</b> , <b>B. Marciniak</b> , <b>A. Linares</b> , <b>T. A. Ezquerro</b>	Interfacial interactions in PTT–PTMO/polyhedral oligomeric silsesquioxane (POSS) nanocomposites and their impact on mechanical, thermal, and dielectric properties	Polymer Bulletin, 2018, 75: 4999-5014	2018
147	P. Żak, L. Delaude, <b>B. Dudziec</b> , <b>B. Marciniak</b>	N-Heterocyclic carbene-based ruthenium-hydride catalysts for the synthesis of unsymmetrically functionalized double-decker silsesquioxanes†	Chem. Commun., 2018, 54, 4306-4309	2018
148	<b>K. Mituła</b> , <b>M. Dutkiewicz</b> , <b>B. Dudziec</b> , <b>B. Marciniak</b> , K. Czaja	A library of monoalkenylsilsesquioxanes as potential comonomers for synthesis of hybrid materials	Journal of Thermal Analysis and Calorimetry (2018) 132:1545–1555,	2018
149	<b>K. Stefanowska</b> , <b>A. Franczyk</b> , <b>J. Szyling</b> , M. Pyziak, <b>P. Pawluć</b> , <b>J. Walkowiak</b>	Selective hydrosilylation of alkynes with octaspherosilicate (HSiMe <sub>2</sub> O) <sub>8</sub> Si <sub>8</sub> O <sub>12</sub>	Chemistry - An Asian Journal, 2018,13, 2101-2108	2018
150	<b>J. Szyling</b> , <b>A. Franczyk</b> , <b>K. Stefanowska</b> , <b>J. Walkowiak</b>	A recyclable Ru(CO)Cl(H)(PPh <sub>3</sub> ) <sub>3</sub> /PEG catalytic system for regio- and stereoselective hydroboration of terminal and internal alkynes	Advanced Synthesis& Catalysis 2018, 360, 2966 – 2974, DOI:	2018
151	<b>J. Szyling</b> , <b>A. Franczyk</b> , K. Stefanowska, H. Maciejewski, <b>J. Walkowiak</b>	Recyclable Hydroboration of Alkynes Using RuH@IL and RuH@IL/scCO <sub>2</sub> Catalytic Systems	ACS Sustainable Chemistry&Engineering 2018, 6, 10980–10988, DOI:	2018
152	S. Ostrowska, Sz. Rogalski, J. Lorkowski, <b>J. Walkowiak</b> , C. Pietraszuk	Efficient Homocoupling of Aryl- and Alkenylboronic Acids in the Presence of Low Loadings of [Pd(μ-OH)Cl(IPr)] <sub>2</sub>	Synlett 2018, 29, 1735–1740	2018
153	<b>M. Walczak</b> , <b>K. Stefanowska</b> , <b>A. Franczyk</b> , <b>J. Walkowiak</b> , <b>A. Wawrzynczak</b> , <b>B. Marciniak</b>	Hydrosilylation of alkenes and alkynes with silsesquioxane (HSiMe <sub>2</sub> O) (i-Bu) <sub>7</sub> Si <sub>8</sub> O <sub>12</sub> catalyzed by Pt supported on a styrene-divinylbenzene copolymer	Journal of Catalysis 367 (2018) 1–6,	2018
154	<b>M. Nowicki</b>	Nanomechanical Analysis of Nucleation Modified Isotactic Polypropylene	Macromolecular Symposia 2018, 378, 1600175	2018
155	A. Jędrzak, T. Rębiś, <b>M. Nowicki</b> , K. Synoradzki, R. Mrówczyński, T. Jesionowski	Polydopamine grafted on an advanced Fe <sub>3</sub> O <sub>4</sub> /lignin hybrid material and its evaluation in biosensing	Applied Surface Science 455 (2018) 455–464,	2018
156	<b>W. Czepa</b> , M. A. Fik, <b>S. Witomska</b> , M. Kubicki, G. Consiglio, <b>P. Pawluć</b> , V. Patroniak	Simple Schiff-Base Cu(II) Complexes as Efficient Catalysts for Benzyl Alcohol Oxidation	ChemistrySelect, Volume3, Issue32, August 31, 2018 Pages 9504-9509,	2018
157	<b>I. Janica</b> , V. Patroniak, P. Samorì, A. Ciesielski	Imine-Based Architectures at Surfaces and Interfaces: From Self-Assembly to Dynamic Covalent Chemistry in 2D	Chemistry An Asian Journal Volume13, Issue5, March 2, 2018, Pages 465-481,	2018
158	M. El Garah, S. Bertolazzi, S. Ippolito, M. Eredia, <b>I. Janica</b> , G. Melinte, O. Ersen, G. Marletta, A. Ciesielski, P. Samorì	MoS <sub>2</sub> nanosheets via electrochemical lithium-ion intercalation under ambient conditions	FlatChem Volume 9, May 2018, Pages 33-39,	2018
159	C. Anichini, <b>W. Czepa</b> , <b>D. Pakulski</b> , A. Aliprandi, A. Ciesielski, P. Samorì	Chemical sensing with 2D materials	Chem. Soc. Rev., 2018,47, 4860-4908,	2018
160	<b>D. Pakulski</b> , <b>W. Czepa</b> , <b>S. Witomska</b> , A. Aliprandi, P.	Graphene oxide-branched polyethylenimine foams for efficient removal of toxic cations from water	Journal of Materials Chemistry A, 2018,6, 9384-9390,	2018



	Pawluć, V. Patroniak, A. Ciesielski, P. Samorì			
161	R. Frański, B. Gierczyk, Ł. Popenda, <b>M. Kasperkowiak</b> , <b>T. Pędzinski</b>	Identification of a biliverdin geometric isomer by means of HPLC/ESI– MS and NMR spectroscopy. Differentiation of the isomers by using fragmentation “in-source”	Monatshefte für Chemie - Chemical Monthly, 367: 1-6	2018
162	<b>B. Marciniak</b> , <b>H. Maciejewski</b> , C. Pietraszuk, <b>P. Pawluć</b>	"Hydrosilylation and Reactions of Silicon Compounds" in "Applied Homogenous Catalysis with Organometallic Compounds"	Wiley-VCH, vol. 2, 569-620	2018
163	<b>M. Walczak</b> , <b>R. Januszewski</b> , <b>A. Franczyk</b> , <b>B. Marciniak</b>	Synthesis of monofunctionalized POSS through hydrosilylation	Journal of Organometallic Chemistry, 872:73-78	2018
164	M. Szoltyga, <b>M. Dutkiewicz</b> , <b>B. Marciniak</b>	Polyurethane composites based on silsesquioxane derivatives of different structures	Journal of Thermal Analysis and Calorimetry, 2018, 132: 1693-1706	2018
165	R. Januszewski, <b>M. Dutkiewicz</b> , <b>B. Marciniak</b>	A facile, catalytic approach for the synthesis of new organofunctional isocyanurate derivatives	Inorganic Chemistry Communications 93:140-143	2018
166	R. Januszewski, <b>M. Dutkiewicz</b> , B. Orwat, H. Maciejewski, <b>B. Marciniak</b>	A library of multisubstituted cyclotriphosphazenes – molecular scaffolds for hybrid materials	New J. Chem., 2018,42, 15552-15555	2018
167	<b>D. Brząkałski</b> , <b>M. Walczak</b> , <b>J. Duszczyk</b> , <b>B. Dudziec</b> , <b>B. Marciniak</b>	Chlorine-Free Catalytic Formation of Silsesquioxanes with Si-OH and Si-OR Functional Groups	Eur. J. Inorg. Chem. 2018, 45, 4905-4910	2018
168	B. Sztorch, <b>D. Frąckowiak</b> , <b>B. Marciniak</b>	Highly selective synthesis of novel (E)-styrylsilatrane via ruthenium-catalyzed trans-silylation	Synthetic Communications, 2018, 48, NO. 23, 3025-3032	2018
169	<b>R. Przekop</b> , <b>B. Marciniak</b>	Synteza bezpośrednia związków krzemu. Cz. I. Stan obecny i perspektywy rozwoju (ang. Direct synthesis of silicon compounds. Part 1. Present status and perspectives)	PRZEMYSŁ CHEMICZNY, 97/10(2018)	2018
170	<b>D. Pakulski</b> , A. Gorczyński, <b>W. Czepa</b> , Z. Liu, L. Ortolani, V. Morandi, V. Patroniak, <b>A. Ciesielski</b> , P. Samorì	Novel Keplerate type polyoxometalate-surfactant-graphene hybrids as advanced electrode materials for supercapacitors	Energy Storage Materials, 2018, S2405-8297(18)31107-3	2018
171	Chang-Bo Huang, <b>S. Witomska</b> , A. Aliprandi, M.-A. Stoeckel, M. Bonini, A. Ciesielski, P. Samorì	Molecule–Graphene Hybrid Materials with Tunable Mechanoresponse: Highly Sensitive Pressure Sensors for Health Monitoring	Advanced Materials, 2019,31:1804600	2018
172	<b>I. Janica</b> , S. Del Buffa, <b>A. Mikołajczak</b> , M. Eredia, <b>D. Pakulski</b> , <b>A. Ciesielski</b> , P. Samorì	Thermal insulation with 2D materials: liquid phase exfoliated vermiculite functional nanosheets	Nanoscale, 2018,10, 23182-23190	2018
173	<b>S. Witomska</b> , Zhaoyang Liu, <b>W. Czepa</b> , A. Aliprandi, <b>D. Pakulski</b> , <b>P. Pawluć</b> , <b>A. Ciesielski</b> , P. Samorì	Graphene Oxide Hybrid with Sulfur–Nitrogen Polymer for High-Performance Pseudocapacitors	Journal of the American Chemical Society, 2018, Publication Date (Web): December 5, 2018	2018
174	<b>R. Przekop</b> , B. Sztorch, M. Zieliński, M. Pietrowski, <b>P. Marciniak</b> , A. Martyła, M. Osinska-Broniarz, <b>B. Marciniak</b>	NEW ROUTE TO MESOPOROUS SILICA VIA A SILSESQUIOXANE PRECURSOR	Ceramics-Silikaty 62 (4), 403-410 (2018)	2018
175	M. Kuprianowicz, <b>M. Kazmierczak</b> , E. Muszynska, K. Bzdega, H. Wojtowicz- Rajchel	1,3-Dipolar cycloaddition in the synthesis of trifluoromethyl-substituted isoxazolidinyl derivatives of nucleobases	JOURNAL OF FLUORINE CHEMISTRY, 212:112-121	2018
176	<b>M. Kazmierczak</b> , M. Kubicki, H. Koroniak	Regioselective Fluorination of -Hydroxy--aminophosphonates by Using PyFluor	EUROPEAN JOURNAL OF ORGANIC CHEMISTRY, Issue: 27-28 Pages: 3844-3852	2018
177	<b>T. Cytiak</b> , M. Skibinska, P. Kaczmarek, <b>M. Kazmierczak</b> , M. Rapp, M. Kubicki, H. Koroniak,	Functionalization of alpha-hydroxyphosphonates as a convenient route to N-tosyl-alpha-aminophosphonates	RSC ADVANCES Volume: 8 Issue: 22 Pages: 11957-11974	2018

178	A. Niemczyk, K. Dziubek, K. Czaja D. Frączek, R. Piasecki, S. Rabiej, <b>M. Dutkiewicz</b>	Study and evaluation of dispersion of polyhedral oligomeric silsesquioxane and silica filler in polypropylene composites	POLYMER COMPOSITES—2018 (11 stron)	2018
179	E. Witkowska, G. Wiosna-Salyga, I. Glowacki, <b>B. Orwat, Myong-joon Oh, I. Kownacki</b> , M. Kubicki, B. Gierczyk, <b>M. Dutkiewicz, P. Cieszko</b> , B. Luszczynska, J. Ulanski, I. Grzelak, M. Hoffmann, P. Ledwon, M. Lapkowski	Effect of fluorine substitution of the $\beta$ -ketoiminate ancillary ligand on photophysical properties and electroluminescence ability of new iridium(III) complexes	Journal Materials Chemistry C, J. Mater. Chem. C, 2018,6, 8688-8708	2018
180	<b>M. Kołodziejcki, A. R. Stefankiewicz</b> , Jean-Marie Lehn	Dynamic polyimine macrobicyclic cryptands – self-sorting with component selection	Chemical Science, Chem. Sci., 2019, Advance Article (8 stron)	2018
181	<b>R. Przekop, P. Marciniak</b> , B. Sztorch, <b>A. Czapiak</b> , M. Stodolny, A. Martyła	New method for the synthesis of Al <sub>2</sub> O <sub>3</sub> –CaO and Al <sub>2</sub> O <sub>3</sub> –CaO–CaCO <sub>3</sub> systems from a metallic precursor by the sol–gel route	Journal of the Australian Ceramic Society, December 2018, Volume 54, Issue 4, pp 679–690	2018
182	<b>R. Przekop</b> , B. Sztorch, M. Pietrowski, M. Zieliński, A. Martyłac	Alumina and silica preparation via a sol–gel route with carbon dioxide as a pH regulator – a new method for green catalysis	New J. Chem., 2018,42, 7060-7065	2018
183	P. Jakubowska, A. Martyła, B. Sztorch, D. Brząkalski, M. Osińska-Broniarz, <b>R. Przekop</b>	APPLICATION OF ONE-POT SOL-GEL METHOD TO PREPARE POLYOLEFIN FILLERS	Composites Theory and Practice, 18: 3 (2018) 167-173	2018
184	<b>R. Przekop</b>	Synteza bezpośrednia związków krzemu. Cz. II. Na drodze do metody bezchlorowej (ang. Direct synthesis of silicon compounds. Part 2. Towards a chlorine-free method)	PRZEMYSŁ CHEMICZNY, 97/10(2018)	2018
185	<b>A. Walczak, A. R. Stefankiewicz</b>	pH-Induced Linkage Isomerism of Pd(II) Complexes: A Pathway to Air- and Water-Stable Suzuki–Miyaura-Reaction Catalysts	Inorg. Chem. 2018, 57, 1, 471-477	2018
186	S. Sobczak, <b>W. Drożdż</b> , G. I. Lampronti, A. M. Belenguer, A. Katrusiak, <b>A. R. Stefankiewicz</b>	Dynamic Covalent Chemistry under High-Pressure: A New Route to Disulfide Metathesis	Chemistry - A European Journal, Volume24,8769-8773 2018	2018
187	<b>W. Drożdż, A. Walczak</b> , Y. Bessin, V. Gervais, Xiao-Yu Cao, Jean-Marie Lehn, S. Ulrich, <b>A. R. Stefankiewicz</b>	Multivalent Metallosupramolecular Assemblies as Effective DNA Binding Agents	Chemistry - A European Journal, Volume24,10802-10811 2018	2018
188	<b>G. Markiewicz, A. Walczak, F. Perlitius, M. Piasecka</b> , J. M. Harrowfield, <b>A. R. Stefankiewicz</b>	Photoswitchable transition metal complexes with azobenzene-functionalized imine-based ligands: structural and kinetic analysis	Dalton Trans., 2018,47, 14254-14262	2018
189	<b>M. Konopka, G. Markiewicz, A. R. Stefankiewicz</b>	Highly efficient one-step microwave-assisted synthesis of structurally diverse bis-substituted $\alpha$ -amino acid derived diimides	RSC Adv., 2018,8, 29840-29846	2018
190	<b>B. Orwat Myong-joon Oh Oh</b> , M. Kubicki, <b>I. Kownacki</b>	Synthesis of 5-Substituted Benzo[h]quinoline Derivatives via Reactions Involving C(sp <sup>2</sup> )-Br Bond Activation	Advanced Synthesis&Catalysis 2018, 360, 3331-3344	2018
191	P. Przybyłek, H. Morańda, H. Mościcka-Grzesiak, I. Kownacki, <b>R. Zawisz</b>	Suszenie izolacji transformatorów rozdzielczych z wykorzystaniem medium ciekłego (ang. Drying distribution transformer's insulation by means of liquid medium)	Przegląd Elektrotechniczny, 94,10/2018, str. 18-21	2018
192	<b>M. Szymański</b> , I. Matławska, D. Młynarek, K. Wojtyniak, <b>E. Idziak</b> , A. Szymański, <b>R. Przekop</b>	TLC i HPLC/UPLC jako narzędzie kontroli składu chemicznego surowców roślinnych	X Konferencja Naukowa "Chemia - Nauka i Przemysł"	2018
193	<b>M. Szymański</b> , M. Wojcińska, J. Smolobowska, N. Klak, <b>E. Idziak</b> , A. Szymański, <b>R. Przekop</b>	Badanie zależności między pierwiastkami a aktywnością antyoksydacyjną i sumą polifenoli w surowcach naturalnych	X Konferencja Naukowa "Chemia - Nauka i Przemysł"	2018
194	<b>A. Wrzesińska</b> , P. Koch, J. Przybylska, <b>E. Idziak</b> , <b>R. Przekop</b>	Metodologia pomiarów degradacji termicznej tworzyw sztucznych z zastosowaniem techniki FT-IR	X Konferencja Naukowa "Chemia - Nauka i Przemysł"	2018



195	<b>A. Wrzeńska, P. Koch, J. Przybylska, E. Idziak, R. Przekop</b>	Usługi badawcze Centrum Zaawansowanych Technologii UAM dla przemysłu w zakresie materiałów polimerowych i kompozytowych	X Konferencja Naukowa "Chemia - Nauka i Przemysł"	2018
-----	---	---	---	------