

# Julian Chojnowski

## List of Publications by Citations

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#	Paper	IF	Citations
148	Mechanism of the B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> -Catalyzed Reaction of Silyl Hydrides with Alkoxysilanes. Kinetic and Spectroscopic Studies. <i>Organometallics</i> , <b>2005</b> , 24, 6077-6084	3.8	129
147	Biocidal polymers active by contact. V. Synthesis of polysiloxanes with biocidal activity. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 75, 1005-1012	2.9	125
146	Amphiphilic block and statistical siloxane copolymers with antimicrobial activity. <i>Journal of Polymer Science Part A</i> , <b>2003</b> , 41, 2939-2948	2.5	101
145	Silyl esters of phosphorous common intermediates in synthesis. <i>Tetrahedron</i> , <b>1989</b> , 45, 2465-2524	2.4	97
144	Synthesis of Branched Polysiloxanes with Controlled Branching and Functionalization by Anionic Ring-Opening Polymerization. <i>Macromolecules</i> , <b>2003</b> , 36, 3890-3897	5.5	73
143	Polysiloxane cationic biocides with imidazolium salt (ImS) groups, synthesis and antibacterial properties. <i>European Polymer Journal</i> , <b>2009</b> , 45, 779-787	5.2	62
142	Synthesis of Highly Branched Alkoxysiloxane-Dimethylsiloxane Copolymers by Nonhydrolytic Dehydrocarbon Polycondensation Catalyzed by Tris(pentafluorophenyl)borane. <i>Macromolecules</i> , <b>2008</b> , 41, 7352-7358	5.5	56
141	Controlled Synthesis of Siloxane Copolymers Having an Organosulfur Group by Polymerization of Cyclotrisiloxanes with Mixed Units. <i>Macromolecules</i> , <b>1996</b> , 29, 2711-2720	5.5	55
140	Mechanism of the formation of macrocycles during the cationic polymerization of cyclotrisiloxanes. End to end ring closure versus ring expansion. <i>Die Makromolekulare Chemie</i> , <b>1977</b> , 178, 1351-1366		52
139	Oligomerization of Hydrosiloxanes in the Presence of Tris(pentafluorophenyl)borane. <i>Macromolecules</i> , <b>2006</b> , 39, 3802-3807	5.5	50
138	Synthesis of poly[dimethylsiloxane-block-oligo(ethylene glycol) methyl ether methacrylate]: an amphiphilic copolymer with a comb-like block. <i>Polymer</i> , <b>2004</b> , 45, 6111-6121	3.9	48
137	Kinetics of the reaction of organosilyl hydrides with carbenium ions in an inert solvent. Silicocation intermediacy. Single electron transfer versus synchronous hydride transfer. <i>Journal of the American Chemical Society</i> , <b>1987</b> , 109, 7776-7781	16.4	48
136	Mechanism of the polymerization of hexamethylcyclotrisiloxane (D3) in the presence of a strong protonic acid. <i>Die Makromolekulare Chemie</i> , <b>1979</b> , 180, 117-130		48
135	Acid-catalyzed condensation of model hydroxyl-terminated dimethylsiloxane oligomers - cyclization vs. linear condensation: intra-inter catalysis. <i>Macromolecules</i> , <b>1987</b> , 20, 2345-2355	5.5	44
134	Anionic polymerization of siloxanes. Mechanism of initiation with triorganosilanolates. <i>Die Makromolekulare Chemie</i> , <b>1975</b> , 176, 2999-3023		44
133	Controlled synthesis of vinylmethylsiloxane-dimethylsiloxane gradient, block and alternate copolymers by anionic ROP of cyclotrisiloxanes. <i>Polymer</i> , <b>2002</b> , 43, 1993-2001	3.9	43
132	Comparison of the cationic polymerization of octamethylcyclotetrasiloxane and hexamethylcyclotrisiloxane. <i>Die Makromolekulare Chemie</i> , <b>1986</b> , 187, 39-51		43

131	Synthesis and catalytic activity of the transition metal complex catalysts supported on the branched functionalized polysiloxanes grafted on silica. <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 208, 187-194		42
130	Controlled synthesis of amphiphilic siloxane-siloxane block copolymers with carboxyl functions. <i>Polymer Bulletin</i> , <b>2000</b> , 44, 377-384	2.4	42
129	Anionic polymerization of siloxanes, 2. Internal multifunctional assistance of siloxane system to the siloxane bond cleavage by alcali metal silanolates. <i>Die Makromolekulare Chemie</i> , <b>1977</b> , 178, 1005-1017		42
128	Polysilsesquioxanes and Oligosilsesquioxanes Substituted by Alkylammonium Salts as Antibacterial Biocides. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2006</b> , 16, 219-230	3.2	41
127	Kinetically controlled siloxane ring-opening polymerization. <i>Journal of Inorganic and Organometallic Polymers</i> , <b>1991</b> , 1, 299-323		41
126	The nature of the interaction between hexamethyl-phosphortriamide and trimethylhalosilanes; cations containing tetravalent silicon as possible intermediates in nucleophile-induced substitution of silicon halides. <i>Journal of Organometallic Chemistry</i> , <b>1978</b> , 161, C31-C35	2.3	41
125	Condensation of model linear siloxane oligomers possessing silanol and silyl chloride end groups. The mechanism of silanol silylation by a chlorosilane in the presence of neutral nucleophiles. <i>Journal of Organometallic Chemistry</i> , <b>1989</b> , 367, 27-37	2.3	40
124	Acidolytic ring opening of cyclic siloxane and acetal monomers. Role of hydrogen bonding in cationic polymerization initiated with protonic acids. <i>Macromolecules</i> , <b>1981</b> , 14, 9-17	5.5	40
123	Studies of siloxane-acid model system: Hexamethyldisiloxane-trifluoroacetic acid. <i>Die Makromolekulare Chemie</i> , <b>1983</b> , 184, 77-90		39
122	Polysiloxanes with chlorobenzyl groups as precursors of new organic-silicone materials. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 1682-1692	2.5	38
121	Modification of polysiloxanes by free-radical addition of pyridylthiols to the vinyl groups of the polymer. <i>European Polymer Journal</i> , <b>1999</b> , 35, 1115-1122	5.2	38
120	Synthetic and mechanistic aspects of the reaction of trialkylsilyl halides with thio and seleno esters of phosphorus. <i>Journal of Organometallic Chemistry</i> , <b>1979</b> , 171, 17-34	2.3	37
119	Synthesis of a paraffin phase change material microencapsulated in a siloxane polymer. <i>Colloid and Polymer Science</i> , <b>2013</b> , 291, 725-733	2.4	36
118	The reactivity of monomeric silanol intermediates in the hydrolytic polycondensation of tetraethoxysilane in acidic media. <i>Journal of Non-Crystalline Solids</i> , <b>1990</b> , 125, 40-49	3.9	33
117	Branched functionalised polysiloxane-silica hybrids for immobilisation of catalysts. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 2301-2310		31
116	Bis(trimethylsilyl)peroxide as a versatile reagent for selective generation of oxyphosphoryl group. <i>Tetrahedron Letters</i> , <b>1985</b> , 26, 4965-4968	2	31
115	Oligomer and Polymer Formation in Hexamethylcyclotrisiloxane (D3) [Hydrosilane Systems Under Catalysis by tris(pentafluorophenyl)borane. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2007</b> , 17, 173-187	3.2	30
114	Synthesis of Linear Polysiloxanes <b>2000</b> , 3-41		30

113	Cationic Polymerization of a Model Cyclotrisiloxane with Mixed Siloxane Units Initiated by a Protic Acid. Mechanism of Polymer Chain Formation. <i>Macromolecules</i> , <b>2002</b> , 35, 9904-9912	5.5	29
112	B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> catalyzed dehydrocarbon polycondensation of PhSiH <sub>3</sub> with (MeO) <sub>4</sub> Si as model polyfunctional comonomers in new route to hydrophobic silicone TQ resins. <i>European Polymer Journal</i> , <b>2009</b> , 45, 3372-3379	5.2	28
111	Organic polysilanes interrupted by heteroatoms. <i>Progress in Polymer Science</i> , <b>2003</b> , 28, 691-728	29.6	28
110	Microstructure of the Copolymer Chain Generated by Anionic Ring-Opening Polymerization of a Model Cyclotrisiloxane with Mixed Siloxane Units <sup>1</sup> . <i>Macromolecules</i> , <b>2000</b> , 33, 1536-1545	5.5	28
109	Polysiloxanes With Quaternary Ammonium Salt Biocidal Functions and Their Behavior When Incorporated Into a Silicone Elastomer Network. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2011</b> , 21, 576-589	3.2	27
108	Thermal decomposition of poly(tetramethoxydisilaethylene). <i>Journal of Inorganic and Organometallic Polymers</i> , <b>1992</b> , 2, 387-404		27
107	Kinetically controlled formation of macrocyclic oligomers in the ring-opening polymerization. <i>Die Makromolekulare Chemie</i> , <b>1980</b> , 181, 1469-1482		27
106	Transformation of oligodimethylsiloxanols in the presence of a strong base. Reactivity enhancement of the siloxane bond by the adjacent hydroxyl group. <i>Die Makromolekulare Chemie</i> , <b>1986</b> , 187, 2039-2052		26
105	Hydride Transfer Ring-Opening Polymerization of a Cyclic Oligomethylhydrosiloxane. Route to a Polymer of Closed Multicyclic Structure. <i>Macromolecules</i> , <b>2012</b> , 45, 2654-2661	5.5	25
104	Quaternary Ammonium Salts (QAS) Modified Polysiloxane Biocide Supported on Silica Materials. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2007</b> , 17, 605-613	3.2	25
103	Kinetics of the Anionic Ring Opening Polymerization of Cyclosiloxanes Initiated with a Superbase. <i>Journal of Inorganic and Organometallic Polymers</i> , <b>2004</b> , 14, 85-99		23
102	Thermally Stable Polyoxocarboasilane Thin Films by Pulsed IR Laser Ablation of Poly[oxy(tetramethyldisilane-1,2-diyl)]. <i>Chemistry of Materials</i> , <b>2002</b> , 14, 1242-1248	9.6	23
101	The Selective Displacement of O-Alkyl by Trialkylsilyl in Some Derivatives of Acids of Phosphorus. <i>Synthesis</i> , <b>1978</b> , 1978, 777-779	2.9	23
100	Route to hydrophilic, hydrophobic and functionalized cross-linked polysiloxane microspheres. <i>Polymer</i> , <b>2013</b> , 54, 3156-3165	3.9	22
99	Ring-Opening Polymerization of Octamethyltetrasiloxane-1,4-dioxane, 2D2. 2. Cyclic Oligomer Formation and Mechanism of the Reaction. <i>Macromolecules</i> , <b>1994</b> , 27, 2302-2309	5.5	22
98	Dissociative Pathways in Substitution at Silicon in Solution: Silicon Cations R <sub>3</sub> Si <sup>+</sup> , R <sub>3</sub> Si <sup>+</sup> ← Nu, and Silene-Type Species R <sub>2</sub> Si=X as Intermediates. <i>Advances in Organometallic Chemistry</i> , <b>1990</b> , 30, 243-307	3.8	22
97	Poly(oxy-multisilane)s by ring-opening polymerization. Fully methylated silicon analogues of oxirane and THF polymers. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1988</b> , 9, 469-475		21
96	Cationic polymerization of siloxanes kinetically controlled oligomerization in hexamethylcyclotrisiloxane/linear dimethylsiloxane systems. <i>Die Makromolekulare Chemie</i> , <b>1976</b> , 177, 1413-1431		21

95	Cationic polymerization of siloxanes. Approach to the mechanistic studies. <i>Die Makromolekulare Chemie</i> , <b>1974</b> , 175, 3299-3303		21
94	Studies on the efficient generation of phosphorus-carbon bonds via a rearrangement of P(III) esters catalysed by trimethylhalosilanes. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 1747-56	4.8	20
93	Equilibria and kinetics of the cationic ring-opening polymerization of permethylated 1,4-dioxo-2,3,5,6-tetraasilacyclohexane. Comparison with cyclosiloxanes. <i>Die Makromolekulare Chemie</i> , <b>1993</b> , 194, 3271-3286		20
92	Thermodynamic enhancement of oligomers in dynamic living polymer system involving end-group interaction. Distribution of living oligomers in equilibrated polydimethylsiloxanes. <i>European Polymer Journal</i> , <b>1980</b> , 16, 57-64	5.2	19
91	The mechanism of hydride transfer from silicon to a carbenium ion in a weakly nucleophilic medium. <i>Journal of Organometallic Chemistry</i> , <b>1977</b> , 135, 13-22	2.3	19
90	Controlled Synthesis of Siloxane Polymers and Siloxane-Siloxane Block Copolymers with 3-Chloropropyl Groups Pendant to the Siloxane Chain. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 2306-2313	2.6	18
89	Optically active dimethylsiloxane copolymers with nucleophilic chiral sulfur groups pendant to the polysiloxane chain. <i>Journal of Polymer Science Part A</i> , <b>1997</b> , 35, 879-888	2.5	17
88	Chemical modification of polyvinyl chloride and silicone elastomer in inhibiting adhesion of <i>Aeromonas hydrophila</i> . <i>World Journal of Microbiology and Biotechnology</i> , <b>2013</b> , 29, 1197-206	4.4	16
87	The acid-catalyzed condensation of methyl substituted model oligosiloxanes bearing silanol and ethoxysilane functions. <i>European Polymer Journal</i> , <b>1994</b> , 30, 515-527	5.2	16
86	Interaction of P(III) compounds with silyl halides. <i>Tetrahedron</i> , <b>1985</b> , 41, 2471-2477	2.4	16
85	Polysiloxanol condensation and disproportionation in the presence of a superacid. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 705-713	2.3	15
84	Thermolysis of Poly[oxy(trisdimethylsilylene)] and Poly[oxy(tetrakisdimethylsilylene)]. Evidence for the Transient Formation of Permethyltrisilaoxetane. <i>Organometallics</i> , <b>1999</b> , 18, 1259-1266	3.8	15
83	Silanone as an intermediate species in some processes leading to siloxane polymers. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1983</b> , 4, 703-706		15
82	Bacterial membranes are the target for antimicrobial polysiloxane-methacrylate copolymer. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2016</b> , 27, 55	4.5	14
81	Synthesis of New Polyfunctional Cage Oligosilsesquioxanes and Cyclic Siloxanes by Thiol-ene Addition. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2012</b> , 22, 588-594	3.2	14
80	Reactions of tertiary hydroxyalkylamines with 3-halogenopropyl substituted polysiloxanes: a route to water soluble and amphiphilic silicones. <i>Reactive and Functional Polymers</i> , <b>2004</b> , 61, 315-323	4.6	14
79	Tertiary trisilyloxonium ion in cationic ring-opening polymerisation of a model cyclic siloxane, octamethyl-1,4-dioxatetraasilacyclohexane. <i>Journal of Organometallic Chemistry</i> , <b>2003</b> , 686, 373-378	2.3	14
78	Behavior of oligo(dimethylsiloxanols) in the presence of protic acids in an acid-base inert solvent. Kinetics of the competition of disproportionation, ester formation, and condensation. <i>Macromolecules</i> , <b>1993</b> , 26, 5389-5395	5.5	14

- 77 Polycondensation and disproportionation of an oligosiloxanol in the presence of a superbase. *Journal of Organometallic Chemistry*, **2002**, 660, 14-26 2.3 13
- 76 Cross-Aggregation of Active Centers in a Model Anionic Polymerization System. The Kinetics of the Reactions of Silanulates with Cyclic and Linear Polysiloxanes. *Macromolecules*, **1978**, 11, 347-356 5.5 13
- 75 Silicon oxycarbide (SiOC) ceramic microspheres: Structure and mechanical properties by nanoindentation studies. *Ceramics International*, **2019**, 45, 11946-11954 5.1 12
- 74 3-Chloropropyl Functionalized Dendrigrft Polysiloxanes and Dendritic Polyelectrolytes. *Macromolecules*, **2007**, 40, 9339-9347 5.5 12
- 73 Disproportionation of oligodimethylsiloxanols in the presence of a protic acid in dioxane. *Journal of Organometallic Chemistry*, **1993**, 446, 91-97 2.3 12
- 72 Internal nucleophilic displacements within silanolate ions. A new mechanism of substitution at silicon. *Journal of the Chemical Society Chemical Communications*, **1983**, 493-495 12
- 71 Solid ceramic SiCO microspheres and porous rigid siloxane microspheres from swellable polysiloxane particles. *Materials Chemistry and Physics*, **2015**, 155, 83-91 4.4 11
- 70 Gamma Globulins Adsorption on Carbofunctional Polysiloxane Microspheres. *Journal of Inorganic and Organometallic Polymers and Materials*, **2015**, 25, 507-514 3.2 11
- 69 Generation of meso- and microporous structures by pyrolysis of polysiloxane microspheres and by HF etching of SiOC microspheres. *Ceramics International*, **2018**, 44, 374-383 5.1 11
- 68 Hydrophilic/Hydrophobic properties of SiOH-loaded and modified polysiloxane microspheres and their interaction with  $\gamma$ globulin. *Polymers for Advanced Technologies*, **2015**, 26, 855-864 3.2 11
- 67 Synthesis and some properties of polyoxyhexakis (dimethylsilylene) and its copolymers with dimethylsiloxane. *Journal of Inorganic and Organometallic Polymers*, **1995**, 5, 7-30 11
- 66 The nature and consequences of the interaction of phosphoryl nucleophiles with a triorganosilyl chloride. *Journal of Organometallic Chemistry*, **1985**, 288, 275-282 2.3 11
- 65 The mechanism of the reaction of organic phosphites with trialkylsilyl iodide. Iodoanhydrides of PIII, acids as intermediates. *Journal of Organometallic Chemistry*, **1981**, 215, 355-365 2.3 11
- 64 Antimicrobial Siloxane Statistical and Graft Copolymers Substituted with t-Butylamine and t-Butylammonium Biocidal Functions. *Journal of Inorganic and Organometallic Polymers and Materials*, **2010**, 20, 554-563 3.2 10
- 63 Polysiloxane/silica hybrids from novel precursors by the sol-gel process. *Journal of Materials Chemistry*, **2005**, 15, 2383 10
- 62 Enantiodifferentiation of a silane and the analogous hydrocarbon by the dirhodium method/silane-dirhodium complex interaction. *Tetrahedron: Asymmetry*, **2006**, 17, 1743-1748 10
- 61 Silanones and metasilicates from negatively charged  $\text{?SiO}(\text{?})$  and  $\text{?SiO}_2(2\text{?})$  precursors. Theoretical study. *Journal of Organometallic Chemistry*, **2002**, 642, 163-170 2.3 10
- 60 Methods of Synthesis of O,O-Bis[trimethylsilyl] Phosphorothiolates. *Synthesis*, **1977**, 1977, 683-686 2.9 10



59	Cleavage of halo-substituted alkyl groups from silicon. <i>Journal of Organometallic Chemistry</i> , <b>1974</b> , 73, 41-48	2.3	10
58	Polysiloxane microspheres functionalized with imidazole groups as a palladium catalyst support. <i>Applied Organometallic Chemistry</i> , <b>2016</b> , 30, 399-407	3.1	9
57	Polymer Nano-Materials Through Self-Assembly of Polymeric POSS Systems. <i>Silicon</i> , <b>2012</b> , 4, 95-107	2.4	9
56	Synthesis of microsequential methylvinylsiloxane dimethylsiloxane copolymers by nonequilibrium copolymerization. <i>Journal of Polymer Science Part A</i> , <b>1998</b> , 36, 137-145	2.5	9
55	Selective Anionic Ring-Opening Polymerization of Permethyltetrasiloxane-1,4-dioxane, 2D2. Transformation of Poly(silaether) in Polysiloxane and Polysilylene. <i>Macromolecules</i> , <b>1995</b> , 28, 2996-2999	5.5	9
54	Thermal-regulation of nonwoven fabrics by microcapsules of n-eicosane coated with a polysiloxane elastomer. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 226, 204-213	4.4	8
53	SiCO ceramic microspheres produced by emulsion processing and pyrolysis of polysiloxanes of various structures. <i>Ceramics International</i> , <b>2016</b> , 42, 11654-11665	5.1	8
52	A route to polysiloxanes with pendant imidazole groups. <i>Polymer Bulletin</i> , <b>1997</b> , 38, 371-378	2.4	8
51	Kinetics and mechanism of oligosiloxanol condensation and oligosiloxane rearrangement catalysed with model phosphonitrile chloride catalysts. <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 534, 105-115	2.3	8
50	Controlled Synthesis of All Siloxane-Functionalized Architectures by Ring-Opening Polymerization. <i>ACS Symposium Series</i> , <b>2003</b> , 12-25	0.4	8
49	Kinetics of the Polymerization of Permethylcyclosiloxanes Initiated by Tetrakis(pentafluorophenyl)borate Protic Complex. <i>Journal of Inorganic and Organometallic Polymers</i> , <b>2004</b> , 14, 101-116		8
48	The extension of the mechanistic concept of the nucleophilic catalysis in the silicon chemistry to some reactions of the P(III) center: Analogies between silylation and phosphorylation. <i>Heteroatom Chemistry</i> , <b>1991</b> , 2, 63-70	1.2	8
47	Mechanistic and synthetic aspects of the reaction of alkyl esters of phosphorus with trimethylstannyl halides. <i>Journal of Organometallic Chemistry</i> , <b>1980</b> , 193, 191-200	2.3	8
46	Anionic polymerization of 2,2,4,4-tetramethyl-6,6-diphenylcyclotrisiloxane a model siloxane monomer of heterogeneous composition of a reactive grouping. <i>Die Makromolekulare Chemie</i> , <b>1980</b> , 181, 777-788		8
45	Association of indole and phenol with diethyl chalcogenides. <i>Journal of the American Chemical Society</i> , <b>1968</b> , 90, 1384-1388	16.4	8
44	Hydrophilic Polysiloxane Microspheres and Ceramic SiOC Microspheres Derived from Them. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2020</b> , 30, 56-68	3.2	8
43	Macroporous microspheres and microspheroidal particles from polyhydromethylsiloxane. <i>Colloid and Polymer Science</i> , <b>2017</b> , 295, 939-944	2.4	7
42	One-Step Synthesis of Thermoplastic Phenylsilsesquioxane Polymer and Its Copolymers with Diphenylsiloxanes. <i>Journal of Inorganic and Organometallic Polymers</i> , <b>1998</b> , 8, 1-21		7

- 41 Morphology, phase transitions and viscoelastic properties of poly(oxybisdimethylsilylene). A mesophase in a silicon analogue of a polyether. *Macromolecular Chemistry and Physics*, **1995**, 196, 1607-1623 2,6 7
- 40 Kinetics of the condensation of oligosiloxanes containing acetoxy and hydroxyl end groups catalyzed by uncharged nucleophiles in an acid-base inert solvent. *Journal of Organometallic Chemistry*, **1989**, 377, 197-204 2,3 7
- 39 The preparation of copolymers with polydimethylsiloxane and polycaprolactam blocks by the anionic polymerization of caprolactam. *European Polymer Journal*, **1990**, 26, 509-513 5,2 7
- 38 Monte Carlo simulation of the cyclization-chain extension kinetics for the cationic polymerization of hexamethylcyclotrisiloxane. *Macromolecules*, **1991**, 24, 2498-2505 5,5 7
- 37 Reactions of triorganosilylsulfenyl halides with some nucleophiles. *Journal of Organometallic Chemistry*, **1983**, 258, 1-5 2,3 7
- 36 Unusual competition of intermolecular vs. intermolecular reactions. Kinetics of the condensation of decamethylpentasiloxane-1,9-diol. *Journal of the Chemical Society Chemical Communications*, **1984**, 69 7
- 35 Cleavage of halosubstituted alkyl groups from silicon. General base catalysis in silicon-carbon bond cleavage. *Journal of Organometallic Chemistry*, **1976**, 117, 219-229 2,3 7
- 34 Platinum catalyst on polysiloxane microspheres with N-chelating groups. *Journal of Molecular Catalysis A*, **2016**, 424, 402-411 7
- 33 Bacterial cell killing properties of silver-loaded polysiloxane microspheres. *Journal of Materials Science*, **2018**, 53, 7125-7137 4,3 6
- 32 Tertiary Silyloxonium Ions in the Ring-Opening Polymerization (ROP) of Cyclosiloxanes: Cationic ROP of Octamethyltetrasiloxane-1,4-dioxane. *ACS Symposium Series*, **2007**, 10-26 0,4 6
- 31 Optically active silyl esters of phosphorus. II. Stereochemistry of reactions with nucleophiles. *Tetrahedron*, **1989**, 45, 4403-4414 2,4 6
- 30 Optically active triorganosilyl esters of phosphorus synthesis and structure. *Tetrahedron*, **1986**, 42, 385-397 6
- 29 Silylperoxides as Selective Oxygenation Reagents in Phosphorus Chemistry. *Phosphorous and Sulfur and the Related Elements*, **1987**, 30, 125-128 6
- 28 Base cleavage of  $\text{RSiMe}_2(\text{OMe})_2$  bonds (R = m-ClC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>, PhCC, or Cl<sub>2</sub>CH) and alkoxy exchange in  $\text{RSiMe}_2(\text{OMe})_2$  (R = m-ClC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>). *Journal of the Chemical Society Perkin Transactions II*, **1985**, 1779-1783 6
- 27 Cationic telomerization of hexamethylcyclotrisiloxane (D3) with silanes containing alkoxy, aryloxy and acyloxy functions bound to silicon. *European Polymer Journal*, **1981**, 17, 413-419 5,2 6
- 26 Reaction of Silyl Hydrides with Tetrabutoxygermanium in the Presence of  $\text{B}(\text{C}_6\text{F}_5)_3$ : Difference between Silicon and Germanium Chemistries and Easy Route to  $\text{GeH}_4$ . *Organometallics*, **2018**, 37, 1585-1590 3,8 5
- 25 Polyoxyoligodimethylsilylene by heterofunctional polycondensation, some thermal properties. *European Polymer Journal*, **1998**, 34, 931-940 5,2 5
- 24 Base cleavage of the benzylsilicon bonds in m-ClC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>SiMe(OH)<sub>2</sub> and m-ClC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>Si(OH)<sub>3</sub>. Proposed formation of metasilicate intermediates. *Journal of the Chemical Society Perkin Transactions II*, **1989**, 865-871 5



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