

Julian Chojnowski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148
papers

3,060
citations

31
h-index

46
g-index

171
ext. papers

3,302
ext. citations

3.9
avg, IF

4.67
L-index

#	Paper	IF	Citations
148	Impact of cross-linker on the structure and hydrophilic/hydrophobic properties of polyhydromethylsiloxane-derived microspheres. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 3967-3974	2.2	0
147	Reactions of Zirconium (IV) n-Propoxide with SiH-Functional Polysiloxanes as a Route to Siloxane-Zirconium Hybrid Materials with Enhanced Refractive Index. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000601	4.8	0
146	Reactions of titanium alkoxide with SiH containing polymers as a route to titanium/siloxane hybrid materials with enhanced refractive index. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5571	3.1	3
145	Polysiloxane Derived Macroporous Silicon Oxycarbide Microspheroidal Particles and Their Decoration with 1D Structures. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 3574-3585	3.2	
144	Hydrophilic Polysiloxane Microspheres and Ceramic SiOC Microspheres Derived from Them. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 56-68	3.2	8
143	Thermal-regulation of nonwoven fabrics by microcapsules of n-eicosane coated with a polysiloxane elastomer. <i>Materials Chemistry and Physics</i> , 2019 , 226, 204-213	4.4	8
142	Silicon oxycarbide (SiOC) ceramic microspheres structure and mechanical properties by nanoindentation studies. <i>Ceramics International</i> , 2019 , 45, 11946-11954	5.1	12
141	Kinetic and mechanistic studies of the transformation of the catalyst, tris(pentafluorophenyl)borane, in the presence of silyl and germyl hydrides. <i>Journal of Catalysis</i> , 2019 , 379, 90-99	7.3	4
140	Bacterial cell killing properties of silver-loaded polysiloxane microspheres. <i>Journal of Materials Science</i> , 2018 , 53, 7125-7137	4.3	6
139	Generation of meso- and microporous structures by pyrolysis of polysiloxane microspheres and by HF etching of SiOC microspheres. <i>Ceramics International</i> , 2018 , 44, 374-383	5.1	11
138	Reaction of Silyl Hydrides with Tetrabutoxygermanium in the Presence of B(C ₆ F ₅) ₃ : Difference between Silicon and Germanium Chemistries and Easy Route to GeH ₄ . <i>Organometallics</i> , 2018 , 37, 1585-1590	3.8	5
137	Macroporous microspheres and microspheroidal particles from polyhydromethylsiloxane. <i>Colloid and Polymer Science</i> , 2017 , 295, 939-944	2.4	7
136	Polysiloxane microcapsules, microspheres and their derivatives. <i>Polimery</i> , 2017 , 62, 499-508	3.4	4
135	SiCO ceramic microspheres produced by emulsion processing and pyrolysis of polysiloxanes of various structures. <i>Ceramics International</i> , 2016 , 42, 11654-11665	5.1	8
134	Polysiloxane microspheres functionalized with imidazole groups as a palladium catalyst support. <i>Applied Organometallic Chemistry</i> , 2016 , 30, 399-407	3.1	9
133	Bacterial membranes are the target for antimicrobial polysiloxane-methacrylate copolymer. <i>Journal of Materials Science: Materials in Medicine</i> , 2016 , 27, 55	4.5	14
132	Platinum catalyst on polysiloxane microspheres with N-chelating groups. <i>Journal of Molecular Catalysis A</i> , 2016 , 424, 402-411		7

131	Solid ceramic SiCO microspheres and porous rigid siloxane microspheres from swellable polysiloxane particles. <i>Materials Chemistry and Physics</i> , 2015 , 155, 83-91	4.4	11
130	Gamma Globulins Adsorption on Carbofunctional Polysiloxane Microspheres. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 507-514	3.2	11
129	Hydrophilic/Hydrophobic properties of SiOH-loaded and modified polysiloxane microspheres and their interaction with IgG globulin. <i>Polymers for Advanced Technologies</i> , 2015 , 26, 855-864	3.2	11
128	Chemical modification of polyvinyl chloride and silicone elastomer in inhibiting adhesion of <i>Aeromonas hydrophila</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2013 , 29, 1197-206	4.4	16
127	Synthesis of a paraffin phase change material microencapsulated in a siloxane polymer. <i>Colloid and Polymer Science</i> , 2013 , 291, 725-733	2.4	36
126	Route to hydrophilic, hydrophobic and functionalized cross-linked polysiloxane microspheres. <i>Polymer</i> , 2013 , 54, 3156-3165	3.9	22
125	Hydride Transfer Ring-Opening Polymerization of a Cyclic Oligomethylhydrosiloxane. Route to a Polymer of Closed Multicyclic Structure. <i>Macromolecules</i> , 2012 , 45, 2654-2661	5.5	25
124	Synthesis of New Polyfunctional Cage Oligosilsesquioxanes and Cyclic Siloxanes by Thiol-ene Addition. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012 , 22, 588-594	3.2	14
123	Polymer Nano-Materials Through Self-Assembly of Polymeric POSS Systems. <i>Silicon</i> , 2012 , 4, 95-107	2.4	9
122	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> , 2011 , 21, 576-589	3.2	27
121	Generation of 3-Chloropropylsilanetriol: Monomer for the Synthesis of 3-Chloropropyl Substituted Oligosilsesquioxanes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010 , 20, 387-394	3.2	3
120	Antimicrobial Siloxane Statistical and Graft Copolymers Substituted with t-Butylamine and t-Butylammonium Biocidal Functions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010 , 20, 554-563	3.2	10
119	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> , 2009 , 15, 1747-56	4.8	20
118	Polysiloxane cationic biocides with imidazolium salt (ImS) groups, synthesis and antibacterial properties. <i>European Polymer Journal</i> , 2009 , 45, 779-787	5.2	62
117	B(C ₆ F ₅) ₃ catalyzed dehydrocarbon polycondensation of PhSiH ₃ with (MeO) ₄ Si as model polyfunctional comonomers in new route to hydrophobic silicone TQ resins. <i>European Polymer Journal</i> , 2009 , 45, 3372-3379	5.2	28
116	Synthesis of Highly Branched Alkoxysiloxane-Dimethylsiloxane Copolymers by Nonhydrolytic Dehydrocarbon Polycondensation Catalyzed by Tris(pentafluorophenyl)borane. <i>Macromolecules</i> , 2008 , 41, 7352-7358	5.5	56
115	3-Chloropropyl Functionalized Dendrigraft Polysiloxanes and Dendritic Polyelectrolytes. <i>Macromolecules</i> , 2007 , 40, 9339-9347	5.5	12
114	Oligomer and Polymer Formation in Hexamethylcyclotrisiloxane (D ₃) [Hydrosilane Systems Under Catalysis by tris(pentafluorophenyl)borane. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007 , 17, 173-187	3.2	30

113	Quaternary Ammonium Salts (QAS) Modified Polysiloxane Biocide Supported on Silica Materials. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007 , 17, 605-613	3.2	25
112	Tertiary Silyloxonium Ions in the Ring-Opening Polymerization (ROP) of Cyclosiloxanes: Cationic ROP of Octamethyltetrasiloxane-1,4-dioxane. <i>ACS Symposium Series</i> , 2007 , 10-26	0.4	6
111	Oligomerization of Hydrosiloxanes in the Presence of Tris(pentafluorophenyl)borane. <i>Macromolecules</i> , 2006 , 39, 3802-3807	5.5	50
110	Enantiodifferentiation of a silane and the analogous hydrocarbon by the dirhodium method/silane?dirhodium complex interaction. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 1743-1748		10
109	Polysilsesquioxanes and Oligosilsesquioxanes Substituted by Alkylammonium Salts as Antibacterial Biocides. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2006 , 16, 219-230	3.2	41
108	Mechanism of the B(C ₆ F ₅) ₃ -Catalyzed Reaction of Silyl Hydrides with Alkoxysilanes. Kinetic and Spectroscopic Studies. <i>Organometallics</i> , 2005 , 24, 6077-6084	3.8	129
107	Polysiloxane/silica hybrids from novel precursors by the sol-gel process. <i>Journal of Materials Chemistry</i> , 2005 , 15, 2383		10
106	Kinetics of the Anionic Ring Opening Polymerization of Cyclosiloxanes Initiated with a Superbase. <i>Journal of Inorganic and Organometallic Polymers</i> , 2004 , 14, 85-99		23
105	Kinetics of the Polymerization of Permethylcyclosiloxanes Initiated by Tetrakis(pentafluorophenyl)borate Protic Complex. <i>Journal of Inorganic and Organometallic Polymers</i> , 2004 , 14, 101-116		8
104	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> , 2004 , 208, 187-194		42
103	Polysiloxanes with chlorobenzyl groups as precursors of new organic-silicone materials. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 1682-1692	2.5	38
102	Polysiloxanol condensation and disproportionation in the presence of a superacid. <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 705-713	2.3	15
101	Reactions of tertiary hydroxyalkylamines with 3-halogenopropyl substituted polysiloxanes: a route to water soluble and amphiphilic silicones. <i>Reactive and Functional Polymers</i> , 2004 , 61, 315-323	4.6	14
100	Synthesis of poly[dimethylsiloxane-block-oligo(ethylene glycol) methyl ether methacrylate]: an amphiphilic copolymer with a comb-like block. <i>Polymer</i> , 2004 , 45, 6111-6121	3.9	48
99	Controlled Synthesis of All Siloxane-Functionalized Architectures by Ring-Opening Polymerization. <i>ACS Symposium Series</i> , 2003 , 12-25	0.4	8
98	Tertiary trisilyloxonium ion in cationic ring-opening polymerisation of a model cyclic siloxane, octamethyl-1,4-dioxatetrasilacyclohexane. <i>Journal of Organometallic Chemistry</i> , 2003 , 686, 373-378	2.3	14
97	Organic polysilanes interrupted by heteroatoms. <i>Progress in Polymer Science</i> , 2003 , 28, 691-728	29.6	28
96	Amphiphilic block and statistical siloxane copolymers with antimicrobial activity. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 2939-2948	2.5	101

95	Synthesis of Branched Polysiloxanes with Controlled Branching and Functionalization by Anionic Ring-Opening Polymerization. <i>Macromolecules</i> , 2003 , 36, 3890-3897	5.5	73
94	Branched functionalised polysiloxane-silica hybrids for immobilisation of catalysts. <i>Journal of Materials Chemistry</i> , 2003 , 13, 2301-2310		31
93	Silanones and metasilicates from negatively charged $\text{SiO}(\text{O}^-)$ and $\text{SiO}_2(2\text{O}^-)$ precursors. Theoretical study. <i>Journal of Organometallic Chemistry</i> , 2002 , 642, 163-170	2.3	10
92	Polycondensation and disproportionation of an oligosiloxanol in the presence of a superbases. <i>Journal of Organometallic Chemistry</i> , 2002 , 660, 14-26	2.3	13
91	Controlled synthesis of vinylmethylsiloxane-dimethylsiloxane gradient, block and alternate copolymers by anionic ROP of cyclotrisiloxanes. <i>Polymer</i> , 2002 , 43, 1993-2001	3.9	43
90	Thermally Stable Polyoxocarbosilane Thin Films by Pulsed IR Laser Ablation of Poly[oxy(tetramethyldisilane-1,2-diyl)]. <i>Chemistry of Materials</i> , 2002 , 14, 1242-1248	9.6	23
89	Cationic Polymerization of a Model Cyclotrisiloxane with Mixed Siloxane Units Initiated by a Protic Acid. Mechanism of Polymer Chain Formation. <i>Macromolecules</i> , 2002 , 35, 9904-9912	5.5	29
88	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> , 2001 , 202, 2306-2313	2.6	18
87	Biocidal polymers active by contact. V. Synthesis of polysiloxanes with biocidal activity. <i>Journal of Applied Polymer Science</i> , 2000 , 75, 1005-1012	2.9	125
86	Controlled synthesis of amphiphilic siloxane-siloxane block copolymers with carboxyl functions. <i>Polymer Bulletin</i> , 2000 , 44, 377-384	2.4	42
85	Microstructure of the Copolymer Chain Generated by Anionic Ring-Opening Polymerization of a Model Cyclotrisiloxane with Mixed Siloxane Units1. <i>Macromolecules</i> , 2000 , 33, 1536-1545	5.5	28
84	Synthesis of Linear Polysiloxanes 2000 , 3-41		30
83	Modification of polysiloxanes by free-radical addition of pyridylthiols to the vinyl groups of the polymer. <i>European Polymer Journal</i> , 1999 , 35, 1115-1122	5.2	38
82	Thermolysis of Poly[oxy(trisdimethylsilylene)] and Poly[oxy(tetrakisdimethylsilylene)]. Evidence for the Transient Formation of Permethyltrisilaoxetane. <i>Organometallics</i> , 1999 , 18, 1259-1266	3.8	15
81	Polyoxyoligodimethylsilylene by heterofunctional polycondensation, some thermal properties. <i>European Polymer Journal</i> , 1998 , 34, 931-940	5.2	5
80	One-Step Synthesis of Thermoplastic Phenylsilsesquioxane Polymer and Its Copolymers with Diphenylsiloxanes. <i>Journal of Inorganic and Organometallic Polymers</i> , 1998 , 8, 1-21		7
79	Synthesis of microsequential methylvinylsiloxane-dimethylsiloxane copolymers by nonequilibrium copolymerization. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 137-145	2.5	9
78	Selectivity of siloxane-siloxane copolymer synthesis by ring opening polymerization. <i>Macromolecular Symposia</i> , 1998 , 132, 405-414	0.8	2

- 77 A route to polysiloxanes with pendant imidazole groups. *Polymer Bulletin*, **1997**, 38, 371-378 2.4 8
- 76 Kinetics and mechanism of oligosiloxanol condensation and oligosiloxane rearrangement catalysed with model phosphonitrile chloride catalysts. *Journal of Organometallic Chemistry*, **1997**, 534, 105-115 2.3 8
- 75 Optically active dimethylsiloxane copolymers with nucleophilic chiral sulfur groups pendant to the polysiloxane chain. *Journal of Polymer Science Part A*, **1997**, 35, 879-888 2.5 17
- 74 Controlled Synthesis of Siloxane Copolymers Having an Organosulfur Group by Polymerization of Cyclotrisiloxanes with Mixed Units. *Macromolecules*, **1996**, 29, 2711-2720 5.5 55
- 73 Interactions of hexachlorodiphosphazanium ion with an alcohol and with some silicon-oxygen reagents and their role in the catalysis of polycondensation in silanol-alkoxysilane systems. *Journal of Organometallic Chemistry*, **1996**, 526, 351-361 2.3 4
- 72 Synthesis and some properties of polyoxyhexakis (dimethylsilylene) and its copolymers with dimethylsiloxane. *Journal of Inorganic and Organometallic Polymers*, **1995**, 5, 7-30 11
- 71 Selective Anionic Ring-Opening Polymerization of Permethyltetrasilolane-1,4-dioxane, 2D2. Transformation of Poly(silaether) in Polysiloxane and Polysilylene. *Macromolecules*, **1995**, 28, 2996-2999 5.5 9
- 70 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
- 69 The acid-catalyzed condensation of methyl substituted model oligosiloxanes bearing silanol and ethoxysilane functions. *European Polymer Journal*, **1994**, 30, 515-527 5.2 16
- 68 Ring-Opening Polymerization of Octamethyltetrasilolane-1,4-dioxane, 2D2. 2. Cyclic Oligomer Formation and Mechanism of the Reaction. *Macromolecules*, **1994**, 27, 2302-2309 5.5 22
- 67 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. *Macromolecules*, **1993**, 26, 5389-5395 5.5 14
- 66 Synthesis of polysiloxanes with electron-donating groups by anionic ring-opening polymerization. *Makromolekulare Chemie Macromolecular Symposia*, **1993**, 73, 183-201 3
- 65 Equilibria and kinetics of the cationic ring-opening polymerization of permethylated 1,4-dioxane-2,3,5,6-tetrasilacyclohexane. Comparison with cyclosiloxanes. *Die Makromolekulare Chemie*, **1993**, 194, 3271-3286 20
- 64 Disproportionation of oligodimethylsiloxanols in the presence of a protic acid in dioxane. *Journal of Organometallic Chemistry*, **1993**, 446, 91-97 2.3 12
- 63 Thermal decomposition of poly(tetramethoxydisilaethylene). *Journal of Inorganic and Organometallic Polymers*, **1992**, 2, 387-404 27
- 62 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. *Heteroatom Chemistry*, **1991**, 2, 63-70 1.2 8
- 61 Kinetically controlled siloxane ring-opening polymerization. *Journal of Inorganic and Organometallic Polymers*, **1991**, 1, 299-323 41
- 60 Monte Carlo simulation of the cyclization-chain extension kinetics for the cationic polymerization of hexamethylcyclotrisiloxane. *Macromolecules*, **1991**, 24, 2498-2505 5.5 7

59	Dissociative Pathways in Substitution at Silicon in Solution: Silicon Cations R_3Si^+ , $R_3Si^+ \leftarrow Nu$, and Silene-Type Species $R_2Si=X$ as Intermediates. <i>Advances in Organometallic Chemistry</i> , 1990 , 30, 243-307	3.8	22
58	The preparation of copolymers with polydimethylsiloxane and polycaprolactam blocks by the anionic polymerization of caprolactam. <i>European Polymer Journal</i> , 1990 , 26, 509-513	5.2	7
57	The reactivity of monomeric silanol intermediates in the hydrolytic polycondensation of tetraethoxysilane in acidic media. <i>Journal of Non-Crystalline Solids</i> , 1990 , 125, 40-49	3.9	33
56	Kinetics of the condensation of oligosiloxanes containing acetoxy and hydroxyl end groups catalyzed by uncharged nucleophiles in an acid-base inert solvent. <i>Journal of Organometallic Chemistry</i> , 1989 , 377, 197-204	2.3	7
55	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> , 1989 , 367, 27-37	2.3	40
54	Silyl esters of phosphorous—common intermediates in synthesis. <i>Tetrahedron</i> , 1989 , 45, 2465-2524	2.4	97
53	Optically active silyl esters of phosphorus. II. Stereochemistry of reactions with nucleophiles. <i>Tetrahedron</i> , 1989 , 45, 4403-4414	2.4	6
52	Base cleavage of the benzyl-silicon bonds in $m-ClC_6H_4CH_2SiMe(OH)_2$ and $m-ClC_6H_4CH_2Si(OH)_3$. Proposed formation of metasilicate intermediates. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1989 , 865-871		5
51	Poly(oxymultisilane)s by ring-opening polymerization. Fully methylated silicon analogues of oxirane and THF polymers. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1988 , 9, 469-475		21
50	The modification of reactivity at silicon centre by a remote phosphorus group. <i>Journal of Organometallic Chemistry</i> , 1988 , 356, 285-295	2.3	4
49	Synthesis and Solvolysis of [(Dimethylphenoxy)silyl]alkyl]-diphenylphosphines, Phosphine Oxides and Phosphine Sulfides. <i>Phosphorous and Sulfur and the Related Elements</i> , 1987 , 30, 695-695		
48	Silylperoxides as Selective Oxygenation Reagents in Phosphorus Chemistry. <i>Phosphorous and Sulfur and the Related Elements</i> , 1987 , 30, 125-128		6
47	Evidence for generation of the unsaturated sila-acetate species $Me(O)SiO$ by dissociation of the silanediolate dianion $m-ClC_6H_4CH_2SiMe(O)_2$. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 1337-1338		4
46	Acid-catalyzed condensation of model hydroxyl-terminated dimethylsiloxane oligomers - cyclization vs. linear condensation: intra-inter catalysis. <i>Macromolecules</i> , 1987 , 20, 2345-2355	5.5	44
45	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> , 1987 , 109, 7776-7781	16.4	48
44	ELIMINATION-ADDITION MECHANISMS IN SUBSTITUTION AT THE SILICON ATOM. <i>Phosphorous and Sulfur and the Related Elements</i> , 1986 , 27, 211-220		2
43	Comparison of the cationic polymerization of octamethylcyclotetrasiloxane and hexamethylcyclotrisiloxane. <i>Die Makromolekulare Chemie</i> , 1986 , 187, 39-51		43
42	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> , 1986 , 187, 2039-2052		26

- 41 Optically active triorganosilyl esters of phosphorus synthesis and structure. *Tetrahedron*, **1986**, 42, 385-397 6
- 40 Interaction of P(III) compounds with silyl halides. *Tetrahedron*, **1985**, 41, 2471-2477 2.4 16
- 39 Bis(trimethylsilyl)peroxide as a versatile reagent for selective generation of oxyphosphoryl group. *Tetrahedron Letters*, **1985**, 26, 4965-4968 2 31
- 38 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
- 37 The anionic oligomerization of hexamethylcyclotrisiloxane with methylmethoxysilanes. *European Polymer Journal*, **1985**, 21, 135-140 5.2 5
- 36 Base cleavage of $R\text{SiMen}(\text{OMe})_3$ \bar{B} bonds ($R = m\text{-ClC}_6\text{H}_4\text{CH}_2$, PhCC , or Cl_2CH) and alkoxy exchange in $\text{RSiMen}(\text{OMe})_3$ \bar{B} ($R = m\text{-ClC}_6\text{H}_4\text{CH}_2$). *Journal of the Chemical Society Perkin Transactions II*, **1985**, 1779-1783 6
- 35 Unusual competition of intermolecular vs. intramolecular reactions. Kinetics of the condensation of decamethylpentasiloxane-1,9-diol. *Journal of the Chemical Society Chemical Communications*, **1984**, 69 7
- 34 Studies of siloxane-acid model system: Hexamethyldisiloxane-trifluoroacetic acid. *Die Makromolekulare Chemie*, **1983**, 184, 77-90 39
- 33 Silanone as an intermediate species in some processes leading to siloxane polymers. *Die Makromolekulare Chemie Rapid Communications*, **1983**, 4, 703-706 15
- 32 Reactions of triorganosilylsulfonyl halides with some nucleophiles. *Journal of Organometallic Chemistry*, **1983**, 258, 1-5 2.3 7
- 31 Internal nucleophilic displacements within silanolate ions. A new mechanism of substitution at silicon. *Journal of the Chemical Society Chemical Communications*, **1983**, 493-495 12
- 30 Base-catalyzed solvolysis of 1,1,1-trihaloacetones in the presence of ammonia buffer. Analogy with substitution at silicon and tin. *Journal of Organic Chemistry*, **1982**, 47, 3757-3759 4.2 2
- 29 Acidolytic ring opening of cyclic siloxane and acetal monomers. Role of hydrogen bonding in cationic polymerization initiated with protonic acids. *Macromolecules*, **1981**, 14, 9-17 5.5 40
- 28 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
- 27 The mechanism of the reaction of organic phosphites with trialkylsilyl iodide. Iodoanhydrides of P(III), acids as intermediates. *Journal of Organometallic Chemistry*, **1981**, 215, 355-365 2.3 11
- 26 Mechanistic and synthetic aspects of the reaction of alkyl esters of phosphorus with trimethylstannyl halides. *Journal of Organometallic Chemistry*, **1980**, 193, 191-200 2.3 8
- 25 Catalytic reactions in $\text{Sn}\text{-C}$ bond cleavage in basic media. *Journal of Organometallic Chemistry*, **1980**, 193, 31-36 2.3 2
- 24 Isotope effects in the base cleavage of (dihalomethyl)trimethyltins. Additional evidence for proposed mechanistic pathways. *Journal of Organometallic Chemistry*, **1980**, 202, 257-262 2.3 1

23	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> , 1980 , 181, 777-788		8
22	Kinetically controlled formation of macrocyclic oligomers in the ring-opening polymerization. <i>Die Makromolekulare Chemie</i> , 1980 , 181, 1469-1482		27
21	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> , 1980 , 16, 57-64	5.2	19
20	REACTIONS OF COMPOUNDS OF PHOSPHORUS HAVING POSITIVELY POLARIZED DIVALENT SULFUR WITH DISILATHIANES. SYNTHETIC AND MECHANISTIC ASPECTS. <i>Phosphorous and Sulfur and the Related Elements</i> , 1980 , 8, 263-268		3
19	Synthetic and mechanistic aspects of the reaction of trialkylsilyl halides with thio and seleno esters of phosphorus. <i>Journal of Organometallic Chemistry</i> , 1979 , 171, 17-34	2.3	37
18	Mechanism of the polymerization of hexamethylcyclotrisiloxane (D3) in the presence of a strong protonic acid. <i>Die Makromolekulare Chemie</i> , 1979 , 180, 117-130		48
17	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> , 1978 , 161, C31-C35	2.3	41
16	Cross-Aggregation of Active Centers in a Model Anionic Polymerization System. The Kinetics of the Reactions of Silanolates with Cyclic and Linear Polysiloxanes. <i>Macromolecules</i> , 1978 , 11, 347-356	5.5	13
15	The Selective Displacement of O-Alkyl by Trialkylsilyl in Some Derivatives of Acids of Phosphorus. <i>Synthesis</i> , 1978 , 1978, 777-779	2.9	23
14	Methods of Synthesis of O,O-Bis[trimethylsilyl] Phosphorothiolates. <i>Synthesis</i> , 1977 , 1977, 683-686	2.9	10
13	Correlation of the response factors of thermal-conductivity detector with molecular weight for methylsiloxanes. <i>Journal of Chromatography A</i> , 1977 , 130, 351-353	4.5	2
12	The mechanism of hydride transfer from silicon to a carbenium ion in a weakly nucleophilic medium. <i>Journal of Organometallic Chemistry</i> , 1977 , 135, 13-22	2.3	19
11	Anionic polymerization of siloxanes, 2. Internal multifunctional assistance of siloxane system to the siloxane bond cleavage by alkali metal silanolates. <i>Die Makromolekulare Chemie</i> , 1977 , 178, 1005-1017		42
10	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> , 1977 , 178, 1351-1366		52
9	Spectrophotometric micro-determination of silicon-bonded hydrogen with carbenium-ion reagents. <i>Analyst, The</i> , 1976 , 101, 286	5	3
8	Cleavage of halosubstituted alkyl groups from silicon. General base catalysis in silicon-carbon bond cleavage. <i>Journal of Organometallic Chemistry</i> , 1976 , 117, 219-229	2.3	7
7	Cationic polymerization of siloxanes kinetically controlled oligomerization in hexamethylcyclotrisiloxane and linear dimethylsiloxane systems. <i>Die Makromolekulare Chemie</i> , 1976 , 177, 1413-1431		21
6	Anionic polymerization of siloxanes. Mechanism of initiation with triorganosilanolates. <i>Die Makromolekulare Chemie</i> , 1975 , 176, 2999-3023		44

5	Cleavage of halo-substituted alkyl groups from silicon. The mechanism of catalysis by ammonia buffer. <i>Journal of Organometallic Chemistry</i> , 1975 , 99, 359-369	2.3	4
4	Cationic polymerization of siloxanes. Approach to the mechanistic studies. <i>Die Makromolekulare Chemie</i> , 1974 , 175, 3299-3303		21
3	Cleavage of halo-substituted alkyl groups from silicon. <i>Journal of Organometallic Chemistry</i> , 1974 , 73, 41-48	2.3	10
2	Comparative NMR and infrared measurements of relatively small association equilibrium constants; interaction of phenol with alkyl halides: tri-n-butyl amine and phosphine. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1969 , 25, 1639-1647		4
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