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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Study on thermal degradation mechanism of heat-resistant epoxy resin modified with carboranes. <i>Polymer Degradation and Stability</i> , 2020, 176, 109143.	2.7	35
2	9,10-Dihydro-9-oxa-10-phosphaphenanthrene 10-oxide-based oligosiloxane as a promising damping additive for methyl vinyl silicone rubber (VMQ). <i>Journal of Materials Science</i> , 2017, 52, 8603-8617.	1.7	34
3	Stable superhydrophobic surfaces over a wide pH range. <i>Applied Surface Science</i> , 2008, 254, 2158-2161.	3.1	32
4	Preparation of Si-C-N-Fe magnetic ceramics from iron-containing polysilazane. <i>Applied Organometallic Chemistry</i> , 2003, 17, 120-126.	1.7	27
5	Synthesis and characterization of poly(diethylsiloxane) and its copolymers with different diorganosiloxane units. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2722-2730.	2.5	23
6	Controlled synthesis and characterization of poly[methyl(3,3,3-trifluoropropyl)siloxane] with selective end groups. <i>RSC Advances</i> , 2014, 4, 56279-56287.	1.7	22
7	Preparation and properties of borosiloxane gels. <i>Journal of Applied Polymer Science</i> , 2006, 99, 719-724.	1.3	21
8	Preparation and magnetic properties of Fe/Si/C/N ceramics derived from a polymeric precursor. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1786-1792.	1.3	17
9	Reinforcement of silicone rubber with raspberry-like SiO ₂ @Polymer composite particles. <i>Polymer International</i> , 2015, 64, 992-998.	1.6	17
10	Synthesis of iron-containing polysilazane and its antioxidation effect on silicone oil and rubber. <i>Journal of Applied Polymer Science</i> , 2003, 90, 306-309.	1.3	13
11	Synthesis, characterization, and properties of vinyl-terminated copolysiloxanes containing trifluoropropyl and 4-trifluoromethylphenyl groups. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1023-1031.	2.5	13
12	Synthesis and thermal degradation mechanism of polyorganocarboranesiloxanes containing m-carboranyl methyl unit. <i>Polymer Degradation and Stability</i> , 2017, 144, 304-314.	2.7	13
13	Prospect of 9,10-dihydro-9-oxa-10-phosphaphenanthrene 10-oxide-based oligosiloxane in the preparation of high damping methyl phenyl vinyl silicone rubbers with broad temperature range. <i>Journal of Materials Science</i> , 2017, 52, 13307-13317.	1.7	13
14	Self-reinforced triple-shape memory silicone rubber composites with precise designable second temporary shapes by one step fixation. <i>Composites Part B: Engineering</i> , 2020, 200, 108292.	5.9	13
15	Carborane-Containing Aromatic Polyimide Films with Ultrahigh Thermo-Oxidative Stability. <i>Polymers</i> , 2019, 11, 1930.	2.0	12
16	Kinetics of the anionic ring-opening polymerization of octamethylcyclotetrasiloxane initiated by potassium isopropoxide. <i>Journal of Applied Polymer Science</i> , 2006, 102, 3510-3516.	1.3	11
17	Synthesis of polysiloxane-polyester copolymer by lipase-catalyzed polycondensation. <i>Journal of Applied Polymer Science</i> , 2008, 108, 1901-1907.	1.3	11
18	Synthesis, characterization, and properties of hydroxyl-terminated copolysiloxanes containing isocyanopropyl groups. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1408-1421.	2.5	11

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19	Anionic non-equilibrium ring-opening polymerization of octamethylcyclotetrasiloxane(D4) initiated by silazyl-lithiums. <i>Polymer International</i> , 2004, 53, 149-152.	1.6	10
20	Synthesis, characterization, and thermal properties of alternate copolymers containing N,N- ϵ^2 -bis(diphenylsilyl)tetraphenylcyclodisilazane. <i>Journal of Applied Polymer Science</i> , 2007, 103, 611-617.	1.3	10
21	Synthesis and pyrolysis of polysilazane precursors containing linear-cyclic structures for Si/N/C-based ceramics. <i>Journal of Applied Polymer Science</i> , 2001, 82, 2827-2831.	1.3	9
22	Synthesis, characterization, and thermal properties of new polysiloxanes containing 1,3-bis(silyl)-2,4-dimethyl-2,4-diphenylcyclodisilazane. <i>Polymer Degradation and Stability</i> , 2012, 97, 2449-2459.	2.7	9
23	Mechanism of the antioxidation effect of $\text{I}\pm\text{-Fe}\langle\text{sub}\rangle 2\langle\text{sub}\rangle\text{O}\langle\text{sub}\rangle 3\langle\text{sub}\rangle$ on silicone rubbers at high temperature. <i>RSC Advances</i> , 2016, 6, 7717-7722.	1.7	9
24	Dielectric properties and dielectric relaxation process of polymethylphenylsiloxane/silicon dioxide nanocomposites. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	9
25	Synthesis of well-defined difunctional polydimethylsiloxane with an efficient dianionic initiator for ABA triblock copolymer. <i>Journal of Applied Polymer Science</i> , 2007, 103, 153-159.	1.3	8
26	Nonequilibrium Anionic Ring-opening Polymerization of Tetraphenyltetramethylcyclotetrasiloxane ($\text{D}\langle\text{sub}\rangle 4\langle\text{sub}\rangle\langle\text{sup}\rangle\text{Me,Ph}\langle\text{sup}\rangle$) Initiated by Sodium Isopropoxide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 1514-1528.	0.8	8
27	Multi-Morphological Complex Aggregates Formed from Amphiphilic Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 <i>Rapid Communications</i> , 2006, 27, 1476-1482.	2.0	7
28	Synthesis and characterization of self-assembled three-dimensional flower-like iron($\langle\text{scp}\rangle\text{iii}\langle\text{scp}\rangle$) oxide- $\epsilon^{\text{indium}}\langle\text{scp}\rangle\text{iii}\langle\text{scp}\rangle$ oxide binary nanocomposites. <i>RSC Advances</i> , 2015, 5, 38093-38099.	1.7	7
29	Synthesis and pyrolysis of Ti-containing precursors for advanced Si/C/N/Ti-based ceramics. <i>Journal of Applied Polymer Science</i> , 2004, 92, 2733-2739.	1.3	5
30	Polymeric curing agent reinforced silicone rubber composites with low viscosity and low volume shrinkage. <i>Journal of Applied Polymer Science</i> , 2008, 110, 1624-1631.	1.3	5
31	Synthesis of gradient copolysiloxanes by simultaneous copolymerization of cyclotrisiloxanes and mechanism for kinetics inverse between anionic and cationic ring-opening polymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 835-843.	2.5	5
32	Effects of polymeric curing agent modified with silazanes on the mechanical properties of silicone rubber. <i>Journal of Applied Polymer Science</i> , 2009, 111, 1057-1062.	1.3	4
33	Role of $\text{in}\epsilon^{\text{situ}}$ polymethyl $\epsilon^{\text{methacrylate}}$ in addition type silicone rubber with specific reference to adhesion and damping properties. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50252.	1.3	4
34	Synthesis, characterization, and applications of novel additives of polysiloxane containing N,N- ϵ^2 -bis(diphenylsilyl)tetraphenylcyclodisilazane. <i>Journal of Applied Polymer Science</i> , 2007, 105, 749-756.	1.3	3
35	Preparation, Characterization, and Rheological Behaviors of Polysiloxanes Presenting Densely Simple and Well $\epsilon^{\text{Defined}}$ Short $\epsilon^{\text{Branched}}$ Chains. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700005.	1.1	3
36	Synthesis and thermal analysis of disubstituted propiolates bearing terphenylene mesogen. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 391-397.	2.0	2

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37	Poly(dimethylsiloxane)/palygorskite composites: preparation, characterization, and properties. <i>Polymers for Advanced Technologies</i> , 2011, 22, 2596-2601.	1.6	2
38	Synthesis, thermal, and dynamic mechanical properties of 1,3-bis(diphenylsilyl)-2,4-tetraphenylcyclodisilazane-containing polydimethylsiloxanes. <i>Journal of Applied Polymer Science</i> , 2013, 128, 4231-4236.	1.3	2
39	Magnetically separable and efficient platinum catalyst: Amino ligand enhanced loading and Fe ²⁺ facilitated Pt ⁰ formation. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6513.	1.7	2
40	¹ H NMR relaxation and theoretical calculation study on Tris(pentafluorophenyl)borane as a catalyst in preparation of Poly(carborane-siloxane) polymers. <i>Polymer Testing</i> , 2019, 73, 412-417.	2.3	1
41	New method for synthesizing polyorganozircosilazane as a Si/Zr/C/N-based ceramic precursor. <i>Journal of Applied Polymer Science</i> , 2003, 87, 2080-2082.	1.3	0
42	Synthesis of 1,3-bis(chlorodiorganosilyl)-cyclodisilazane via dehydro-chlorination reaction of 1,3-dichloro-Tetraorgano-Disilazane in the presence of deacidification agent. <i>Journal of Organometallic Chemistry</i> , 2020, 923, 121414.	0.8	0