

# S Packirisamy

## List of Publications by Year in descending order

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32  
papers

685  
citations

567281

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552781

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docs citations

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times ranked

461  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-aqueous sol-gel synthesis of epoxy-functionalized and epoxy and vinyl-functionalized poly(borosiloxane)s. <i>Journal of Sol-Gel Science and Technology</i> , 2023, 107, 133-148.	2.4	1
2	A Comparative Study on the Oxidative Stability of Polycarbosilane-Based C/C <sup>+</sup> SiC and Cf/SiC Composites. <i>Materials Performance and Characterization</i> , 2022, 11, 193-201.	0.3	0
3	Studies on the Effect of Addition of MWCNT on the Ceramic Conversion of Vinyl-Functionalized Polyborosiloxane. , 2021, 6, 3-11.		1
4	Studies on Borosiloxane Oligomers from Mixtures of Vinyltriethoxysilane and Phenyltrialkoxysilanes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 2672-2681.	3.7	1
5	Polymer-Derived Ceramics and Their Space Applications. , 2020, , 975-1080.		5
6	Influence of Heat Treatment Temperature on the Microstructure Evolution of Poly(vinylborosiloxane) Derived Ceramics. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2224-2233.	3.7	11
7	Polymer-Derived Ceramics and Their Space Applications. , 2020, , 1-107.		4
8	Polymer derived PyC interphase coating for C/SiBOC composites. <i>Materials Chemistry and Physics</i> , 2018, 204, 179-186.	4.0	18
9	Vinyl-functionalized poly(borosiloxane) as precursor for SiC/SiBOC nanocomposite. <i>Ceramics International</i> , 2016, 42, 15285-15293.	4.8	35
10	Liquid polycarbosilane-derived C/C <sup>+</sup> SiC composites with improved mechanical strength for high temperature applications. <i>Ceramics International</i> , 2015, 41, 3574-3577.	4.8	10
11	Synthesis, Characterization and Ceramic Conversion Studies of Borosiloxane Oligomers from Phenyltrialkoxysilanes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010, 20, 666-674.	3.7	45
12	Allylhydridopolycarbosilane (AHPCS) as matrix resin for C/SiC ceramic matrix composites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 168, 204-207.	3.5	58
13	Phosphazene-based polymers as atomic oxygen resistant materials. <i>Journal of Materials Science</i> , 2006, 41, 5764-5766.	3.7	24
14	Adhesive and Thermal Properties of Epoxy-Imide Resins Obtained from Different Diimide-Diacids: Structure-Property Correlations. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2006, 55, 121-134.	3.4	4
15	Epoxy-Imide Resins from N-(4- and 3-Carboxyphenyl) Trimellitimides: Modified with Reactive Rubbers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2005, 54, 1107-1132.	3.4	8
16	Thermal degradation kinetics of poly(methylvinylsilylene-co-styrene). <i>Thermochimica Acta</i> , 2004, 409, 151-156.	2.7	9
17	Synthesis, characterization, and thermal properties of poly(methylvinylsilylene-co-styrene). <i>Journal of Applied Polymer Science</i> , 2004, 91, 3774-3784.	2.6	6
18	Atomic oxygen resistant coating from poly(tetramethyldisilylene-co-styrene). <i>Journal of Applied Polymer Science</i> , 2004, 94, 2368-2375.	2.6	21

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19	Epoxy-imide resins from 2,2-bis[4-(4-trimellitimidophenoxy)phenyl]propane: Adhesive and thermal properties. <i>Journal of Applied Polymer Science</i> , 2003, 88, 1737-1746.	2.6	18
20	<sup>29</sup> Si-NMR spectral assignments of polydisilahydrocarbons synthesised from diorganodichlorosilanes and styrene. <i>European Polymer Journal</i> , 2003, 39, 1077-1080.	5.4	4
21	Title is missing!. <i>Journal of Materials Science Letters</i> , 2002, 21, 1003-1005.	0.5	25
22	Epoxy-imide resins from N-(4- and 3-carboxyphenyl)trimellitimides. I. Adhesive and thermal properties. <i>Journal of Applied Polymer Science</i> , 2000, 78, 1729-1736.	2.6	15
23	Morphology, mechanical properties, and failure topography of semi-interpenetrating polymer networks based on natural rubber and polystyrene. <i>Journal of Applied Polymer Science</i> , 2000, 78, 2327-2344.	2.6	28
24	Decaborane(14)-based polymers. <i>Progress in Polymer Science</i> , 1996, 21, 707-773.	24.7	34
25	Atomic oxygen resistant coatings for low earth orbit space structures. <i>Journal of Materials Science</i> , 1995, 30, 308-320.	3.7	156
26	Transport of styrene monomer through natural rubber. <i>Polymer</i> , 1995, 36, 4935-4942.	3.8	59
27	Synthesis and characterization of poly(tetramethyldisilylene-co-styrene). <i>Macromolecules</i> , 1992, 25, 5165-5170.	4.8	13
28	Epoxy-imide resins based on bis (carboxyphthalimide)s. <i>Journal of Applied Polymer Science</i> , 1991, 43, 783-791.	2.6	30
29	Synthetic ion-exchange resins. <i>Advances in Polymer Science</i> , 1985, , 71-118.	0.8	16
30	Furfural-based phosphonic acid cation exchange resins from N-vinylcarbazole and its polymer. I. <i>Journal of Applied Polymer Science</i> , 1982, 27, 149-159.	2.6	4
31	Some observations on the thermal stabilities of modified N-vinylcarbazole polymer systems. <i>Journal of Applied Polymer Science</i> , 1982, 27, 1823-1825.	2.6	4
32	Phthalic anhydride-based cation exchange resin from N-vinylcarbazole. <i>Journal of Applied Polymer Science</i> , 1980, 25, 511-518.	2.6	18