

S Packirisamy

List of Publications by Year in descending order

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32
papers

685
citations

567281

15
h-index

552781

26
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32
all docs

32
docs citations

32
times ranked

461
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic oxygen resistant coatings for low earth orbit space structures. <i>Journal of Materials Science</i> , 1995, 30, 308-320.	3.7	156
2	Transport of styrene monomer through natural rubber. <i>Polymer</i> , 1995, 36, 4935-4942.	3.8	59
3	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
4	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
5	Vinyl-functionalized poly(borosiloxane) as precursor for SiC/SiBOC nanocomposite. <i>Ceramics International</i> , 2016, 42, 15285-15293.	4.8	35
6	Decaborane(14)-based polymers. <i>Progress in Polymer Science</i> , 1996, 21, 707-773.	24.7	34
7	Epoxy-imide resins based on bis (carboxyphthalimide)s. <i>Journal of Applied Polymer Science</i> , 1991, 43, 783-791.	2.6	30
8	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
9	Title is missing!. <i>Journal of Materials Science Letters</i> , 2002, 21, 1003-1005.	0.5	25
10	Phosphazene-based polymers as atomic oxygen resistant materials. <i>Journal of Materials Science</i> , 2006, 41, 5764-5766.	3.7	24
11	Atomic oxygen resistant coating from poly(tetramethyldisilylene-co-styrene). <i>Journal of Applied Polymer Science</i> , 2004, 94, 2368-2375.	2.6	21
12	Phthalic anhydride-based cation exchange resin from N-vinylcarbazole. <i>Journal of Applied Polymer Science</i> , 1980, 25, 511-518.	2.6	18
13	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
14	Polymer derived PyC interphase coating for C/SiBOC composites. <i>Materials Chemistry and Physics</i> , 2018, 204, 179-186.	4.0	18
15	Synthetic ion-exchange resins. <i>Advances in Polymer Science</i> , 1985, , 71-118.	0.8	16
16	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
17	Synthesis and characterization of poly(tetramethyldisilylene-co-styrene). <i>Macromolecules</i> , 1992, 25, 5165-5170.	4.8	13
18	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

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19	Liquid polycarbosilane-derived C/Câ€“SiC composites with improved mechanical strength for high temperature applications. <i>Ceramics International</i> , 2015, 41, 3574-3577.	4.8	10
20	Thermal degradation kinetics of poly(methylvinylsilylene-co-styrene). <i>Thermochimica Acta</i> , 2004, 409, 151-156.	2.7	9
21	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
22	Synthesis, characterization, and thermal properties of poly(methylvinylsilylene-co-styrene). <i>Journal of Applied Polymer Science</i> , 2004, 91, 3774-3784.	2.6	6
23	Polymer-Derived Ceramics and Their Space Applications. , 2020, , 975-1080.		5
24	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
25	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
26	²⁹ Si-NMR spectral assignments of polydisilhydrocarbons synthesised from diorganodichlorosilanes and styrene. <i>European Polymer Journal</i> , 2003, 39, 1077-1080.	5.4	4
27	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
28	Polymer-Derived Ceramics and Their Space Applications. , 2020, , 1-107.		4
29	Studies on the Effect of Addition of MWCNT on the Ceramic Conversion of Vinyl-Functionalized Polyborosiloxane. , 2021, 6, 3-11.		1
30	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
31	Non-aqueous solâ€“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
32	A Comparative Study on the Oxidative Stability of Polycarbosilane-Based Cf/Câ€“SiC and Cf/SiC Composites. <i>Materials Performance and Characterization</i> , 2022, 11, 193-201.	0.3	0