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Syntheses of highly functionalized cube-octameric polyhedral oligosilsesquioxanes (R₈Si₈O₁₂)

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#	Paper	IF	Citations
93	The differential reactivity of octahydridosilsesquioxane on Si(100)-2x1 and Si(111)-7x7: a comparative experimental study. <i>Ultramicroscopy</i> , 2003 , 97, 35-45	3.1	5
92	Morphology and thermal properties of inorganic-organic hybrids involving epoxy resin and polyhedral oligomeric silsesquioxanes. <i>Polymer</i> , 2004 , 45, 5557-5568	3.9	265
91	Preparation and thermomechanical properties of epoxy resins modified by octafunctional cubic silsesquioxane epoxides. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 3490-3503	2.5	85
90	Synthesis of Photosensitive Organic-Inorganic Polymer Hybrids by Utilizing Caged Photoactivatable Alkoxysilane. <i>Macromolecules</i> , 2004 , 37, 5916-5922	5.5	22
89	A Novel Photocrosslinkable Polyhedral Oligomeric Silsesquioxane and Its Nanocomposites with Poly(vinyl cinnamate). <i>Chemistry of Materials</i> , 2004 , 16, 5141-5148	9.6	97
88	Montmorillonite intercalated by ammonium of octaaminopropyl polyhedral oligomeric silsesquioxane and its nanocomposites with epoxy resin. <i>Polymer</i> , 2005 , 46, 157-165	3.9	124
87	Synthesis of amino-containing oligophenylsilsesquioxanes. <i>Polymer</i> , 2005 , 46, 4514-4524	3.9	44
86	Epoxy nanocomposites with octa(propylglycidyl ether) polyhedral oligomeric silsesquioxane. <i>Polymer</i> , 2005 , 46, 12016-12025	3.9	126
85	Morphology and Thermomechanical Properties of Organic-Inorganic Hybrid Composites Involving Epoxy Resin and an Incompletely Condensed Polyhedral Oligomeric Silsesquioxane. <i>Macromolecules</i> , 2005 , 38, 5088-5097	5.5	213
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81	Magnetic-fluorescent nanocomposites for biomedical multitasking. <i>Chemical Communications</i> , 2006 , 4474-6	5.8	65
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79	Epoxy resin containing polyphenylsilsesquioxane: Preparation, morphology, and thermomechanical properties. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 1093-1105	2.5	17
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77	Polyurethane Networks Modified with Octa(propylglycidyl ether) Polyhedral Oligomeric Silsesquioxane. <i>Macromolecular Chemistry and Physics</i> , 2006 , 207, 1842-1851	2.6	73

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75	Water-soluble anionic POSS-core dendrimer: synthesis and copper(II) complexes in aqueous solution. <i>Langmuir</i> , 2007 , 23, 9057-63	4	78
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73	Supramolecular inclusion complexation of polyhedral oligomeric silsesquioxane capped poly(ϵ -caprolactone) with β -cyclodextrin. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 1247-1259	2.5	44
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