

Carmen RamÃ- rez

List of Publications by Year in descending order

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43
papers

977
citations

394286

19
h-index

454834

30
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43
all docs

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docs citations

43
times ranked

1034
citing authors

#	ARTICLE	IF	CITATIONS
1	Epoxy/POSS organic-inorganic hybrids: ATR-FTIR and DSC studies. <i>European Polymer Journal</i> , 2008, 44, 3035-3045.	2.6	140
2	Thermodegradation kinetics of a hybrid inorganic-organic epoxy system. <i>European Polymer Journal</i> , 2005, 41, 1662-1666.	2.6	64
3	Effects of a mixture of stabilizers on the structure and mechanical properties of polyethylene during reprocessing. <i>Journal of Applied Polymer Science</i> , 2004, 92, 3910-3916.	1.3	46
4	Isothermal cure kinetics of a diglycidyl ether of bisphenol A/1,3-bisaminomethylcyclohexane (DGEBA/1,3-BAC) epoxy resin system. <i>Journal of Applied Polymer Science</i> , 1995, 56, 1029-1037.	1.3	43
5	Blends of an epoxy/cycloaliphatic amine resin with poly(ether imide). <i>Polymer</i> , 2000, 41, 2657-2666.	1.8	40
6	Isothermal curing by dynamic mechanical analysis of three epoxy resin systems: Gelation and vitrification. <i>Journal of Applied Polymer Science</i> , 2002, 83, 78-85.	1.3	40
7	Corn starch plasticized with isosorbide and filled with microcrystalline cellulose: Processing and characterization. <i>Carbohydrate Polymers</i> , 2019, 206, 726-733.	5.1	40
8	Title is missing!. <i>Magyar Árvad Kémlemezények</i> , 2000, 60, 391-399.	1.4	38
9	Polymer blends based on an epoxy-amine thermoset and a thermoplastic. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 369-376.	2.0	33
10	Poly(3-hydroxybutyrate-co -3-hydroxyvalerate)/clay nanocomposites for replacement of mineral oil based materials. <i>Polymer Composites</i> , 2013, 34, 1033-1040.	2.3	33
11	Study of thermal and morphological properties of a hybrid system, iPP/POSS. Effect of flame retardance. <i>Composites Part B: Engineering</i> , 2014, 58, 566-572.	5.9	32
12	Thermal behaviour of a polyhedral oligomeric silsesquioxane with epoxy resin cured by diamines. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 72, 421-429.	2.0	31
13	Determination of the activation energies for \hat{I}^1 and \hat{I}^2 transitions of a system containing a diglycidyl ether of bisphenol a (DGEBA) and 1,3-bisaminomethylcyclohexane (1,3-BAC). <i>Journal of Thermal Analysis</i> , 1994, 41, 1463-1467.	0.7	29
14	Flame retardancy and thermal stability of organic-inorganic hybrid resins based on polyhedral oligomeric silsesquioxanes and montmorillonite clay. <i>Composites Part B: Engineering</i> , 2014, 63, 67-76.	5.9	29
15	Thermal decomposition behavior and the mechanical properties of an epoxy/cycloaliphatic amine resin with ABS. <i>European Polymer Journal</i> , 2001, 37, 1613-1623.	2.6	28
16	Organic/inorganic hybrid materials from an epoxy resin cured by an amine silsesquioxane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 69-72.	2.0	27
17	Blends of acrylonitrile-butadiene-styrene with an epoxy/cycloaliphatic amine resin: Phase-separation behavior and morphologies. <i>Journal of Applied Polymer Science</i> , 2002, 85, 1277-1286.	1.3	24
18	Study of an epoxy system cured with different diamines by differential scanning calorimetry. <i>Journal of Applied Polymer Science</i> , 2007, 103, 1759-1768.	1.3	21

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19	Effect of an epoxy octasilsesquioxane on the thermodegradation of an epoxy/amine system. <i>Polymer International</i> , 2010, 59, 112-118.	1.6	19
20	Use of a sodium ionomer as a compatibilizer in polypropylene/high-barrier ethylene-vinyl alcohol copolymer blends: The processability of the blends and their physical properties. <i>Journal of Applied Polymer Science</i> , 2004, 94, 1763-1770.	1.3	17
21	Thermal degradation of a diglycidyl ether of bisphenol A/1,3-bisaminomethylcyclohexane (DGEBA/1,3-BAC) epoxy resin system. <i>Thermochimica Acta</i> , 1995, 269-270, 253-259.	1.2	16
22	Dynamic mechanical analysis of an epoxy/thermoplastic blend: polymerization-induced phase separation. <i>Polymer International</i> , 2002, 51, 1100-1106.	1.6	16
23	Effect of organoclay reinforcement on the curing characteristics and technological properties of SBR sulphur vulcanizates. <i>Journal of Applied Polymer Science</i> , 2010, 118, 566-573.	1.3	15
24	Epoxy/anhydride networks modified with polyhedral oligomeric silsesquioxanes. <i>Polymer Composites</i> , 2013, 34, 96-108.	2.3	14
25	Isothermal cure of an epoxy/cycloaliphatic amine system. Vitrification and gelation. <i>Polymer International</i> , 1995, 38, 353-356.	1.6	13
26	Phase diagram of different epoxy-amine precursors modified with a thermoplastic: Effect of structure of epoxy-amine system on miscibility. <i>Polymer</i> , 2009, 50, 569-577.	1.8	13
27	Thermodynamic analysis of polymerization-induced phase separation of a polystyrene in epoxy/monoamine-diamine systems. Effect of monoamine-diamine proportion on the phase diagram. <i>European Polymer Journal</i> , 2011, 47, 1676-1685.	2.6	12
28	Enthalpy relaxation in an epoxy-cycloaliphatic amine resin. <i>Colloid and Polymer Science</i> , 2001, 279, 184-189.	1.0	11
29	Characterization of biaxially oriented polypropylene films by atomic force microscopy and microthermal analysis. <i>Journal of Applied Polymer Science</i> , 2002, 85, 1553-1561.	1.3	11
30	Phase Diagram for a System of Polydisperse Components Consisting of the Precursor of an Epoxy/Diamine Thermoset and a Thermoplastic: Analysis Based on a Lattice Theory Model. <i>Macromolecular Theory and Simulations</i> , 2006, 15, 487-496.	0.6	11
31	Accelerated ageing of styrene-butadiene rubber nanocomposites stabilized by phenolic antioxidant. <i>Polymer Composites</i> , 2014, 35, 334-343.	2.3	10
32	Analysis of blends of poly(styrene-co-acrylonitrile) with an epoxy/aromatic amine resin using scanning thermal microscopy. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002, 40, 284-289.	2.4	9
33	Selection of a precursor of a monofunctional polyhedral oligomeric silsesquioxane reacted with aromatic diamines. <i>Journal of Applied Polymer Science</i> , 2004, 92, 1576-1583.	1.3	9
34	Characterization of an ABS-modified epoxy system. <i>Polymer International</i> , 2002, 51, 1268-1276.	1.6	8
35	Mechanism of Thermal Degradation of an Inorganic-Organic Hybrid Based on an Epoxy-POSS. <i>Macromolecular Symposia</i> , 2008, 267, 74-78.	0.4	8
36	Exfoliated/intercalated silicate/hot styrene butadiene rubber nanocomposites: Structure-properties relationship. <i>Journal of Applied Polymer Science</i> , 2012, 125, E705.	1.3	7

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37	Study of an octaepoxysilsesquioxane cured with a diamine. Journal of Thermal Analysis and Calorimetry, 2005, 80, 153-157.	2.0	6
38	Epoxy resin modified with a thermoplastic. Journal of Thermal Analysis and Calorimetry, 2010, 99, 75-81.	2.0	5
39	Dynamic mechanical analysis. Journal of Thermal Analysis, 1995, 45, 1167-1174.	0.7	4
40	Study of the physical aging of an epoxy/cycloaliphatic amine resin modified with abs. Magyar Árvad Képzelmények, 2002, 70, 85-92.	1.4	4
41	Thermodynamic analysis of phase separation of a thermoplastic in a variant epoxy/monoamine-diamine system: influence of epoxy molecular structure. Journal of Polymer Engineering, 2011, 31, .	0.6	1
42	Morphology of Different Epoxy-Amine Systems Modified with a Thermoplastic: Influence of Temperature, Thermoplastic Concentration and Molecular Structure of Epoxy Systems. Macromolecular Symposia, 2008, 267, 90-94.	0.4	0
43	TERMINOLOGY AND CONCEPTS OF THE NEW INDUSTRY FOR ENGINEERING STUDENTS. EDULEARN Proceedings, 2021, , .	0.0	0