Angels Serra

List of Publications by Year
in descending order

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236	4,964	108046	214428
papers	citations	37	50
		h-index	g-index

240	240	240	2992
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Role of Eucalyptus Species on the Structural and Thermal Performance of Cellulose Nanocrystals (CNCs) Isolated by Acid Hydrolysis. Polymers, 2022, 14, 423.	2.0	3
2	Synthesis and characterization of new bio-based poly(acylhydrazone) vanillin vitrimers. Polymer Chemistry, 2022, 13, 1510-1519.	1.9	15
3	Enhancement of Epoxy Thermosets with Hyperbranched and Multiarm Star Polymers: A Review. Polymers, 2022, 14, 2228.	2.0	4
4	Novel hybrid organic/inorganic poly(thiourethane) covalent adaptable networks. European Polymer Journal, 2022, 174, 111337.	2.6	8
5	Novel BNâ€epoxy/anhydride composites with enhanced thermal conductivity. Polymers for Advanced Technologies, 2021, 32, 1485-1492.	1.6	7
6	Dual-cured thermosets from glycydil methacrylate obtained by epoxy-amine reaction and methacrylate homopolymerization. Reactive and Functional Polymers, 2021, 159, 104822.	2.0	15
7	Vegetable Oil-Based Thiol-Ene/Thiol-Epoxy Resins for Laser Direct Writing 3D Micro-/Nano-Lithography. Polymers, 2021, 13, 872.	2.0	26
8	Actuator Behaviour of Tailored Poly(thiourethane) Shape Memory Thermosets. Polymers, 2021, 13, 1571.	2.0	4
9	Sequential photo-thermal curing of (meth)acrylate-epoxy thiol formulations. Polymer, 2021, 230, 124073.	1.8	4
10	Enhancement of 3D-Printable Materials by Dual-Curing Procedures. Materials, 2021, 14, 107.	1.3	15
11	A new class of vitrimers based on aliphatic poly(thiourethane) networks with shape memory and permanent shape reconfiguration. European Polymer Journal, 2020, 122, 109361.	2.6	53
12	New Epoxy Thermosets Derived from Clove Oil Prepared by Epoxy-Amine Curing. Polymers, 2020, 12, 44.	2.0	19
13	Study of the synergistic effect of boron nitride and carbon nanotubes in the improvement of thermal conductivity of epoxy composites. Polymer International, 2020, 69, 280-290.	1.6	11
14	Recyclable Organocatalyzed Poly(Thiourethane) Covalent Adaptable Networks. Polymers, 2020, 12, 2913.	2.0	21
15	The Use of Click-Type Reactions in the Preparation of Thermosets. Polymers, 2020, 12, 1084.	2.0	24
16	Dual curing of an epoxy resin with dicarboxylic acids. Journal of Thermal Analysis and Calorimetry, 2020, 142, 607-615.	2.0	14
17	Recyclable poly(thiourethane) vitrimers with high Tg. Influence of the isocyanate structure. Reactive and Functional Polymers, 2020, 151, 104574.	2.0	43
18	Bio-Based Epoxy Shape-Memory Thermosets from Triglycidyl Phloroglucinol. Polymers, 2020, 12, 542.	2.0	13

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19	Dual-curable stereolithography resins for superior thermomechanical properties. EXPRESS Polymer Letters, 2020, 14, 881-894.	1.1	18
20	Novel Bio-Based Epoxy Thermosets Based on Triglycidyl Phloroglucinol Prepared by Thiol-Epoxy Reaction. Polymers, 2020, 12, 337.	2.0	17
21	Acetoacetate Based Thermosets Prepared by Dual-Michael Addition Reactions. Polymers, 2019, 11, 1408.	2.0	5
22	Curing and thermomechanical properties of off-stoichiometric anhydrideâ€“epoxy thermosets. Journal of Thermal Analysis and Calorimetry, 2019, 138, 2865-2872.	2.0	5
23	Fully renewable thermosets based on bis-eugenol prepared by thiol-click chemistry. Reactive and Functional Polymers, 2019, 136, 153-166.	2.0	29
24	Thermal Conductive Composites Prepared by Addition of Several Ceramic Fillers to Thermally Cationic Curing Cycloaliphatic Epoxy Resins. Polymers, 2019, 11, 138.	2.0	14
25	Tailor-made thermosets obtained by sequential dual-curing combining isocyanate-thiol and epoxy-thiol click reactions. Polymer, 2019, 174, 200-209.	1.8	16
26	Enhancement of thermal conductivity in epoxy coatings through the combined addition of expanded graphite and boron nitride fillers. Progress in Organic Coatings, 2019, 133, 299-308.	1.9	22
27	Hard epoxy thermosets obtained via two sequential epoxy-amine condensations. European Polymer Journal, 2019, 116, 222-231.	2.6	15
28	Characterization of sequential dual-curing of thiol-acrylate-epoxy systems with controlled thermal properties. European Polymer Journal, 2019, 112, 376-388.	2.6	11
29	Dielectric spectroscopy of novel thiol-ene/epoxy thermosets obtained from allyl-modified hyperbranched poly(ethyleneimine) and diglycidylether of bisphenol A. European Polymer Journal, 2019, 113, 98-106.	2.6	9
30	Preparation of poly(thiourethane) thermosets by controlled thiol-isocyanate click reaction using a latent organocatalyst. Reactive and Functional Polymers, 2019, 134, 174-182.	2.0	24
31	New epoxy composite thermosets with enhanced thermal conductivity and high T_g obtained by cationic homopolymerization. Polymer Composites, 2018, 39, E1760.	2.3	22
32	New allyl-functional catalytic comonomers for sequential thiol-Michael and radical thiol-ene reactions. Polymer, 2018, 138, 369-377.	1.8	12
33	In vitro validation of biomedical polyester-based scaffolds: Poly(lactide-co-glycolide) as model-case. Polymer Testing, 2018, 66, 256-267.	2.3	18
34	Curing of off-stoichiometric amineâ€“epoxy thermosets. Journal of Thermal Analysis and Calorimetry, 2018, 133, 519-527.	2.0	26
35	Preparation of new biobased coatings from a triglycidyl eugenol derivative through thiol-epoxy click reaction. Progress in Organic Coatings, 2018, 114, 259-267.	1.9	46
36	Sequential dual curing by selective Michael addition and free radical polymerization of acetoacetate-acrylate-methacrylate mixtures. European Polymer Journal, 2018, 98, 39-46.	2.6	21

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37	State of the Art in Dual-Curing Acrylate Systems. Polymers, 2018, 10, 178.	2.0	81
38	Polylactide-based self-reinforced composites biodegradation: Individual and combined influence of temperature, water and compost. Polymer Degradation and Stability, 2018, 158, 40-51.	2.7	35
39	Preparation and characterization of dual-curable off-stoichiometric amine-epoxy thermosets with latent reactivity. Polymer, 2018, 146, 42-52.	1.8	33
40	Click-based dual-curing thermosets and their applications. , 2018, , 511-541.		14
41	Thermoconductive Thermosetting Composites Based on Boron Nitride Fillers and Thiol-Epoxy Matrices. Polymers, 2018, 10, 277.	2.0	28
42	Effect of Selected Thiols on Cross-Linking of Acrylated Epoxidized Soybean Oil and Properties of Resulting Polymers. Polymers, 2018, 10, 439.	2.0	22
43	Thermal curing of an epoxy-anhydride system modified with hyperbranched poly(ethylene imine)s with different terminal groups. Journal of Thermal Analysis and Calorimetry, 2017, 127, 645-654.	2.0	18
44	Novel thermal curing of cycloaliphatic resins by thiol-epoxy click process with several multifunctional thiols. Polymer International, 2017, 66, 1697-1707.	1.6	30
45	Sequential curing of thiol-acetoacetate-acrylate thermosets by latent Michael addition reactions. Polymer, 2017, 113, 193-199.	1.8	23
46	Fluorescent thiol-epoxy thermosets obtained from diglycidylether of bisphenol A and carbazole based diepoxy monomer. Reactive and Functional Polymers, 2017, 116, 107-113.	2.0	5
47	New BN-epoxy composites obtained by thermal latent cationic curing with enhanced thermal conductivity. Composites Part A: Applied Science and Manufacturing, 2017, 103, 35-47.	3.8	38
48	New bio-based materials obtained by thiol-ene/thiol-epoxy dual curing click procedures from eugenol derivates. European Polymer Journal, 2017, 93, 530-544.	2.6	49
49	Phenomenological characterization of sequential dual-curing of off-stoichiometric â€œthiol-epoxyâ€• systems: Towards applicability. Materials and Design, 2017, 113, 116-127.	3.3	29
50	Network structure dependence on unconstrained isothermal-recovery processes for shape-memory thiol-epoxy â€œclickâ€•systems. Mechanics of Time-Dependent Materials, 2017, 21, 133-149.	2.3	9
51	Improved epoxy thermosets by the use of poly(ethyleneimine) derivatives. Physical Sciences Reviews, 2017, 2, .	0.8	4
52	Epoxy Sol-Gel Hybrid Thermosets. Coatings, 2016, 6, 8.	1.2	49
53	Mechanical characterization of solâ€“gel epoxy-silylated hyperbranched poly(ethyleneimine) coatings by means of Depth Sensing Indentation methods. Progress in Organic Coatings, 2016, 92, 16-22.	1.9	10
54	Thiol-yne/thiol-epoxy hybrid crosslinked materials based on propargyl modified hyperbranched poly(ethyleneimine) and diglycidylether of bisphenol A resins. RSC Advances, 2016, 6, 61576-61584.	1.7	13

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55	Epoxy-thiol thermosets modified by carbazole decorated hyperbranched poly(ethyleneimine) for optical applications. Reactive and Functional Polymers, 2016, 106, 86-92.	2.0	6
56	Sequential curing of amine-acrylate-methacrylate mixtures based on selective aza-Michael addition followed by radical photopolymerization. European Polymer Journal, 2016, 84, 256-267.	2.6	27
57	Synthesis of 1,2,3-triazole functionalized hyperbranched poly(ethyleneimine) and its use as multifunctional anionic macroinitiator for diglycidyl ether of bisphenol A curing. European Polymer Journal, 2016, 85, 390-400.	2.6	2
58	Multifunctional allyl-terminated hyperbranched poly(ethyleneimine) as component of new thiolâ€“ene/thiolâ€“epoxy materials. Reactive and Functional Polymers, 2016, 99, 17-25.	2.0	24
59	Sequential curing of off-stoichiometric thiolâ€“epoxy thermosets with a custom-tailored structure. Polymer Chemistry, 2016, 7, 2280-2290.	1.9	96
60	Hybrid epoxy networks from ethoxysilyl-modified hyperbranched poly(ethyleneimine) and inorganic reactive precursors. European Polymer Journal, 2015, 70, 18-27.	2.6	8
61	Enhancement in the Glass Transition Temperature in Latent Thiol-Epoxy Click Cured Thermosets. Polymers, 2015, 7, 680-694.	2.0	36
62	Study on the crystallization of multiarm stars with a poly(ethyleneimine) core and poly(Ìµ-caprolactone) arms of different length. Thermochimica Acta, 2015, 607, 39-52.	1.2	7
63	Photocuring and thermal post-curing of a cycloaliphatic epoxide resin with a trithiol and a vinyl epoxy compound. Journal of Thermal Analysis and Calorimetry, 2015, 121, 389-395.	2.0	8
64	New anhydride/epoxy thermosets based on diglycidyl ether of bisphenol A and 10-undecenoyl modified poly(ethyleneimine) with improved impact resistance. Progress in Organic Coatings, 2015, 85, 52-59.	1.9	18
65	Environmentally-friendly processing of thermosets by two-stage sequential aza-Michael addition and free-radical polymerization of amineâ€“acrylate mixtures. Polymer Chemistry, 2015, 6, 6987-6997.	1.9	79
66	Preparation of click thiol-ene/thiol-epoxy thermosets by controlled photo/thermal dual curing sequence. RSC Advances, 2015, 5, 101623-101633.	1.7	47
67	Epoxy/anhydride thermosets modified with end-capped star polymers with poly(ethyleneimine) cores of different molecular weight and poly(Ìµâ€“caprolactone) arms. EXPRESS Polymer Letters, 2015, 9, 809-823.	1.1	14
68	A Versatile Thiolâ€ene/<scp>S</scp>olâ€“<scp>G</scp>el Twoâ€Stage Curing Process Based on a Hyperbranched Polyester with Different Degrees of 10â€<scp>U</scp>ndecenoyl Modification. Macromolecular Materials and Engineering, 2014, 299, 495-503.	1.7	5
69	From curing kinetics to network structure: A novel approach to the modeling of the network buildup of epoxyâ€“anhydride thermosets. Journal of Polymer Science Part A, 2014, 52, 61-75.	2.5	48
70	New Epoxy-Anhydride Thermosets Modified with Multiarm Stars with Hyperbranched Polyester Cores and Poly(Ìµ-caprolactone) Arms. Polymer-Plastics Technology and Engineering, 2014, 53, 645-654.	1.9	8
71	Comparative analysis of stochastic network build-up methods for the curing of epoxyâ€“anhydride thermosets. European Polymer Journal, 2014, 53, 22-36.	2.6	7
72	Effect of hydroxyl ended and end-capped multiarm star polymers on the curing process and mechanical characteristics of epoxy/anhydride thermosets. Progress in Organic Coatings, 2014, 77, 1288-1298.	1.9	20

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73	Photocuring of cycloaliphatic epoxy formulations using polyesters with multiarm star topology as additives. Journal of Applied Polymer Science, 2014, 131, .	1.3	9
74	The use of multiarm star-like polymers in the preparation of epoxy thermosets by UV-cationic photopolymerization. Effect of the arms of the star in the curing process and in the final properties and morphology. Polymer Engineering and Science, 2014, 54, 17-23.	1.5	5
75	Cure kinetics modeling and thermomechanical properties of cycloaliphatic epoxy-anhydride thermosets modified with hyperstar polymers. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 1227-1242.	2.4	20
76	New catalysts for diglycidyl ether of bisphenol A curing based on thiolâ€“epoxy click reaction. European Polymer Journal, 2014, 59, 377-386.	2.6	66
77	Novel epoxy-silica hybrid coatings by using ethoxysilyl-modified hyperbranched poly(ethyleneimine) with improved scratch resistance. Polymer, 2014, 55, 5028-5035.	1.8	31
78	New epoxy thermosets modified with amphiphilic multiarm star polymers as toughness enhancer. Reactive and Functional Polymers, 2014, 83, 132-143.	2.0	13
79	Thermal curing and photocuring of a DGEBA modified with multiarm star poly(glycidol)-b-poly(Îµ-caprolactone) polymers of different arm lengths. Journal of Thermal Analysis and Calorimetry, 2013, 114, 409-416.	2.0	7
80	Enhancement of the impact strength of cationically cured cycloaliphatic diepoxide by adding hyperbranched poly(glycidol) partially modified with 10-undecenoyl chains. European Polymer Journal, 2013, 49, 1610-1620.	2.6	13
81	New epoxy thermosets modified with multiarm star poly(lactide) with poly(ethyleneimine) as core of different molecular weight. European Polymer Journal, 2013, 49, 2316-2326.	2.6	15
82	A new two-stage curing system: Thiol-ene/epoxy homopolymerization using an allyl terminated hyperbranched polyester as reactive modifier. Polymer, 2013, 54, 5473-5481.	1.8	45
83	New chemically reworkable epoxy coatings obtained by the addition of polyesters with star topologies to diglycidyl ether of bisphenol A resins. Progress in Organic Coatings, 2013, 76, 1616-1624.	1.9	11
84	Modification of epoxyâ€“anhydride thermosets with a hyperbranched poly(ester amide). II. Thermal, dynamic mechanical, and dielectric properties and thermal reworkability. Journal of Applied Polymer Science, 2013, 128, 4001-4013.	1.3	17
85	Epoxy/anhydride networks modified with polyhedral oligomeric silsesquioxanes. Polymer Composites, 2013, 34, 96-108.	2.3	14
86	Multiarm star with poly(ethyleneimine) core and poly(Îµ-caprolactone) arms as modifiers of diglycidylether of bisphenol A thermosets cured by 1-methylimidazole. Reactive and Functional Polymers, 2013, 73, 431-441.	2.0	22
87	Enhanced chemical reworkability of DGEBA thermosets cured with rare earth triflates using aromatic hyperbranched polyesters (HBP) and multiarm star HBPâ€bâ€poly(Îµâ€caprolactone) as modifiers. Polymers for Advanced Technologies, 2013, 24, 962-970.	1.6	8
88	Unexpected differences between thermal and photoinitiated cationic curing of a diglycidyl ether of bisphenol A modified with a multiarm star poly(styrene)-b-poly(Îµ-caprolactone) polymer. EXPRESS Polymer Letters, 2013, 7, 565-576.	1.1	9
89	Influence of end groups in hyperbranched polyesters used as modifiers in the characteristics of epoxy thermosets cured by adipic dihydrazide. EXPRESS Polymer Letters, 2013, 7, 595-606.	1.1	8
90	Simultaneous Monitoring of Curing Shrinkage and Degree of Cure of Thermosets by Attenuated Total Reflection Fourier Transform Infrared (ATR FT-IR) Spectroscopy. Applied Spectroscopy, 2013, 67, 1427-1436.	1.2	26

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91	Combined use of sepiolite and a hyperbranched polyester in the modification of epoxy/anhydride coatings: A study of the curing process and the final properties. Progress in Organic Coatings, 2012, 75, 364-372.	1.9	19
92	New aromaticâ€“aliphatic hyperbranched polyesters with vinylic end groups of different length as modifiers of epoxy/anhydride thermosets. Reactive and Functional Polymers, 2012, 72, 556-563.	2.0	41
93	Impact resistance enhancement by adding epoxy ended hyperbranched polyester to DGEBA photocured thermosets. Polymer, 2012, 53, 3084-3088.	1.8	47
94	Ytterbium triflate as a new catalyst on the curing of epoxyâ€“isocyanate based thermosets. Thermochimica Acta, 2012, 543, 188-196.	1.2	18
95	Novel epoxy-anhydride thermosets modified with a hyperbranched polyester as toughness enhancer. I. Kinetics study. Thermochimica Acta, 2012, 544, 17-26.	1.2	36
96	Network structure and thermomechanical properties of hybrid DGEBA networks cured with 1â€methylimidazole and hyperbranched poly(ethyleneimine)s. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1489-1503.	2.4	48
97	Efficient impact resistance improvement of epoxy/anhydride thermosets by adding hyperbranched polyesters partially modified with undecenoyl chains. Polymer, 2012, 53, 5232-5241.	1.8	60
98	Hyperbranched polyester as additives in filled and unfilled epoxy-novolac systems. Polymer, 2012, 53, 5864-5872.	1.8	33
99	Synthesis of a new hyperbranchedâ€linearâ€hyperbranched triblock copolymer and its use as a chemical modifier for the cationic photo and thermal curing of epoxy resins. Journal of Polymer Science Part A, 2012, 50, 1133-1142.	2.5	27
100	New epoxy thermosets obtained from diglycidylether of bisphenol a and modified hyperbranched polyesters with long aliphatic chains cured by diisocyanates. Polymer Engineering and Science, 2012, 52, 2597-2610.	1.5	8
101	Improvement of epoxy thermosets using a thiol-ene based polyester hyperbranched polymer as modifier. Polymer International, 2012, 61, 727-734.	1.6	30
102	Modification of epoxyâ€“anhydride thermosets using a hyperbranched poly(esterâ€amide): I. Kinetic study. Polymer International, 2012, 61, 1710-1725.	1.6	37
103	Curing and characterization of oxazolidoneâ€isocyanurateâ€ether networks. Journal of Applied Polymer Science, 2012, 125, 2779-2789.	1.3	16
104	Multiarm star poly(glycidol)-block-poly(styrene) as modifier of anionically cured diglycidylether of bisphenol A thermosetting coatings. Progress in Organic Coatings, 2012, 73, 62-69.	1.9	14
105	The use of dihydrazides as latent curing agents in diglycidyl ether of bisphenol A coatings. Progress in Organic Coatings, 2012, 74, 59-66.	1.9	41
106	New Improved Thermosets Obtained From Diglycidylether of Bisphenol A and a Multiarm Star Copolymer Based on Hyperbranched Poly(glycidol) Core and Poly(methyl methacrylate) Arms. Macromolecular Chemistry and Physics, 2012, 213, 335-343.	1.1	11
107	The Effect of the Degree of Branching in Hyperbranched Polyesters Used as Reactive Modifiers in Epoxy Thermosets. Macromolecular Materials and Engineering, 2012, 297, 85-94.	1.7	19
108	Effect of polymer topology on the curing process and mechanical characteristics ofÂepoxy thermosets modified with linear or multiarm star poly(Îµ-caprolactone). Polymer, 2011, 52, 4694-4702.	1.8	42

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109	DGEBA thermosets modified with an amphiphilic star polymer. Study on the effect of the initiator on the curing process and morphology. Polymer, 2011, 52, 5009-5017.	1.8	11
110	Multiarm star poly(glycidol)â€blockâ€poly(Îµâ€caprolactone) of different arm lengths and their use as modifiers of diglycidylether of bisphenol a thermosets. Journal of Polymer Science Part A, 2011, 49, 2395-2406.	2.5	35
111	Synthesis, characterization, and rheological properties of multiarm stars with poly(glycidol) core and poly(methyl methacrylate) arms by AGET ATRP. Journal of Polymer Science Part A, 2011, 49, 3138-3151.	2.5	15
112	Synthesis of a new multiarm star polymer based on hyperbranched poly(styrene) core and poly(Îµâ€caprolactone) arms and its use as reactive modifier of epoxy thermosets. Journal of Polymer Science Part A, 2011, 49, 4639-4649.	2.5	27
113	New thermosets obtained from bisphenol A diglycidyl ether and hydroxylâ€ended hyperbranched polymers partially blocked with benzoyl and trimethylsilyl groups. Polymer International, 2011, 60, 389-397.	1.6	12
114	Influence of the end groups of hyperbranched poly(glycidol) on the cationic curing and morphology of diglycidylether of bisfenol A thermosets. Reactive and Functional Polymers, 2011, 71, 380-389.	2.0	18
115	New pegylated hyperbranched polyester as chemical modifier of epoxy resins in UV cationic photocuring. Reactive and Functional Polymers, 2011, 71, 417-424.	2.0	37
116	UV generation of a multifunctional hyperbranched thermal crosslinker to cure epoxy resins. Polymer, 2011, 52, 3269-3276.	1.8	49
117	Synthesis of Hyperbranched Î²â€Galceramideâ€Containing Dendritic Polymers that Bind HIVâ€1 rgp120. European Journal of Organic Chemistry, 2010, 2010, 2657-2660.	1.2	15
118	Synthesis of a New Hyperbranched Polyaminoester and Its Use as a Reactive Modifier in Anionic Curing of DGEBA Thermosets. Macromolecular Chemistry and Physics, 2010, 211, 1879-1889.	1.1	26
119	Novel thermosets based on DGEBA and hyperbranched polymers modified with vinyl and epoxy end groups. Reactive and Functional Polymers, 2010, 70, 798-806.	2.0	62
120	New hyperbranched polyester modified DGEBA thermosets with improved chemical reworkability. Polymer Degradation and Stability, 2010, 95, 445-452.	2.7	36
121	Crosslinking of mixtures of DGEBA with 1,6-dioxaspiro[4,4]nonan-2,7-dione initiated by tertiary amines. Part IV. Effect of hydroxyl groups on initiation and curing kinetics. Polymer, 2010, 51, 26-34.	1.8	45
122	Simultaneous cationic polymerization and esterification of epoxy/anhydride system in the presence of polyoxometalate catalyst. Polymer, 2010, 51, 1563-1571.	1.8	12
123	New thermosetting nanocomposites prepared from diglycidyl ether of bisphenol and Î³-valerolactone initiated by rare earth triflate initiators. European Polymer Journal, 2010, 46, 5-13.	2.6	7
124	New epoxy thermosets modified with hyperbranched poly(ester-amide) of different molecular weight. European Polymer Journal, 2010, 46, 1498-1509.	2.6	66
125	Copolymerization of diglycidylether of bisphenol A and bicyclic bis(Î³â€lactone)s using rare earth metal triflates as initiators studied with infrared spectroscopy. Polymer International, 2010, 59, 1039-1045.	1.6	0
126	Spectroscopic Evidence of the Mechanism Involved in the Cationic Diglycidyl Ether of Bisphenol A Curing with Rare Earth Metal Triflates. Applied Spectroscopy, 2010, 64, 104-111.	1.2	7

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127	A Methodology to Estimate Concentration Profiles from Two-Dimensional Covariance Spectroscopy Applied to Kinetic Data. Applied Spectroscopy, 2010, 64, 177-186.	1.2	4
128	Characterization of new reworkable thermosetting coatings obtained by cationic and anionic curing of DGEBA and some Meldrum acid derivatives. Progress in Organic Coatings, 2009, 65, 175-181.	1.9	28
129	New Thermosets Obtained by Thermal and UVâ€Induced Cationic Copolymerization of DGEBA with 4â€Phenylâ€Î³â€butyrolactone. Macromolecular Chemistry and Physics, 2009, 210, 1450-1460.	1.1	10
130	Anionic copolymerization of diglycidyl ether of bisphenol A with Meldrum's acid derivatives initiated by 4â€(N,Nâ€dimethylamino) pyridine. Journal of Applied Polymer Science, 2009, 111, 1805-1815.	1.3	2
131	A new strategy for controlling shrinkage of DGEBA resins cured by cationic copolymerization with hydroxylâ€terminated hyperbranched polymers and ytterbium triflate as an initiator. Journal of Applied Polymer Science, 2009, 111, 2822-2929.	1.3	54
132	Crosslinking of mixtures of diglycidylether of bisphenolâ€A with 1,6â€dioxaspiro[4.4] nonanâ€2,7â€dione initiated by tertiary amines: III. Effect of hydroxyl groups on network formation. Polymer International, 2009, 58, 1401-1410.	1.6	21
133	Study on the chemical modification of epoxy/anhydride thermosets using a hydroxyl terminated hyperbranched polymer. European Polymer Journal, 2009, 45, 1454-1466.	2.6	92
134	Cationic copolymerization of DGEBA with two bicyclic bis(Î³-lactone) derivatives using rare earth metal triflates as initiators. Polymer, 2009, 50, 1838-1845.	1.8	7
135	Anionic copolymerization of DGEBA with two bicyclic bis(Î³-lactone) derivatives using tertiary amines as initiators. Polymer, 2009, 50, 2228-2236.	1.8	13
136	New improved thermosets obtained from DGEBA and a hyperbranched poly(ester-amide). Polymer, 2009, 50, 5374-5383.	1.8	99
137	Study on the effect of rare earth metal triflates as initiators in the cationic curing of DGEBA/Î³-valerolactone mixtures and characterization of the thermosets obtained. European Polymer Journal, 2009, 45, 1282-1292.	2.6	14
138	Crosslinking of mixtures of DGEBA with 1,6-dioxaspiro[4.4]nonan-2,7-dione initiated by tertiary amines, Part II: Thermo-mechanical properties and reworkability. Polymer Degradation and Stability, 2008, 93, 760-769.	2.7	11
139	Influence of the proportion of ytterbium triflate as initiator on the mechanism of copolymerization of DGEBA epoxy resin and Î³-butyrolactone. Journal of Thermal Analysis and Calorimetry, 2008, 91, 385-393.	2.0	17
140	New poly(etherâ€ester) thermosets obtained by cationic curing of DGEBA and 7,7â€dimethylâ€6,8â€dioxaspiro[3.5] nonaneâ€5,9â€dione with several Lewis acids as initiators. Journal of Polymer Science Part A, 2008, 46, 1229-1239.	2.5	7
141	Synthesis of a new diglycidylic Meldrum acid derivative and study of the curing with lanthanide triflates as initiators. Journal of Polymer Science Part A, 2008, 46, 3088-3097.	2.5	1
142	Twoâ€dimensional Fourier transform infrared correlation spectroscopy and evolving factor analysis in the study of cationic curing of DGEBA and Î³â€valerolactone mixtures. Journal of Polymer Science Part A, 2008, 46, 3886-3899.	2.5	7
143	Cationic curing of diglycidyl ether of bisphenol A and 2,2,5,5â€tetramethylâ€4,6â€dioxoâ€1,3â€dioxane and degradation of the thermosets obtained. Journal of Applied Polymer Science, 2008, 108, 1229-1237.	1.3	6
144	Crosslinking of mixtures of DGEBA with 1,6â€dioxaspiro[4,4]nonanâ€2,7â€dione initiated by tertiary amines. I. Study of the reaction and kinetic analysis. Journal of Applied Polymer Science, 2008, 109, 2304-2315.	1.3	24

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