

# Xavier Ramis Juan

## List of Publications by Year in descending order

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200  
papers

5,537  
citations

71102

41  
h-index

133252

59  
g-index

202  
all docs

202  
docs citations

202  
times ranked

3577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corrosion protection with polyaniline and polypyrrole as anticorrosive additives for epoxy paint. <i>Corrosion Science</i> , 2008, 50, 721-728.	6.6	240
2	Thermal degradation of polypropylene/starch-based materials with enhanced biodegradability. <i>Polymer Degradation and Stability</i> , 2004, 86, 483-491.	5.8	119
3	Curing of a thermosetting powder coating by means of DMTA, TMA and DSC. <i>Polymer</i> , 2003, 44, 2067-2079.	3.8	113
4	New improved thermosets obtained from DGEBA and a hyperbranched poly(ester-amide). <i>Polymer</i> , 2009, 50, 5374-5383.	3.8	99
5	Sequential curing of off-stoichiometric thiol-epoxy thermosets with a custom-tailored structure. <i>Polymer Chemistry</i> , 2016, 7, 2280-2290.	3.9	96
6	Study on the chemical modification of epoxy/anhydride thermosets using a hydroxyl terminated hyperbranched polymer. <i>European Polymer Journal</i> , 2009, 45, 1454-1466.	5.4	92
7	Oxidation-induced strength degradation of WC-Co hardmetals. <i>International Journal of Refractory Metals and Hard Materials</i> , 2001, 19, 303-309.	3.8	90
8	State of the Art in Dual-Curing Acrylate Systems. <i>Polymers</i> , 2018, 10, 178.	4.5	81
9	Environmentally-friendly processing of thermosets by two-stage sequential aza-Michael addition and free-radical polymerization of amine-acrylate mixtures. <i>Polymer Chemistry</i> , 2015, 6, 6987-6997.	3.9	79
10	Simulation of isothermal cure of A powder coating. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 72, 707-718.	3.6	73
11	Polyurethane-unsaturated polyester interpenetrating polymer networks: thermal and dynamic mechanical thermal behaviour. <i>Polymer</i> , 2001, 42, 9469-9479.	3.8	69
12	Comparative study of the cure kinetics of an unsaturated polyester resin using different procedures. <i>Polymer Engineering and Science</i> , 1996, 36, 835-851.	3.1	68
13	Determination of gel and vitrification times of thermoset curing process by means of TMA, DMTA and DSC techniques. <i>Journal of Theoretical Biology</i> , 1997, 49, 269-279.	1.7	67
14	New epoxy thermosets modified with hyperbranched poly(ester-amide) of different molecular weight. <i>European Polymer Journal</i> , 2010, 46, 1498-1509.	5.4	66
15	New catalysts for diglycidyl ether of bisphenol A curing based on thiol-epoxy click reaction. <i>European Polymer Journal</i> , 2014, 59, 377-386.	5.4	66
16	Kinetic study by FTIR, TMA, and DSC of the curing of a mixture of DGEBA resin and $\hat{I}^3$ -butyrolactone catalyzed by ytterbium triflate. <i>Journal of Applied Polymer Science</i> , 2004, 92, 381-393.	2.6	65
17	Copolymerization of diglycidyl ether of bisphenol A with $\hat{I}^3$ -butyrolactone catalyzed by ytterbium triflate: Shrinkage during curing. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2794-2808.	2.3	64
18	Analysis of the reaction mechanism of the thiol-epoxy addition initiated by nucleophilic tertiary amines. <i>Polymer Chemistry</i> , 2017, 8, 5934-5947.	3.9	64

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19	Novel thermosets based on DGEBA and hyperbranched polymers modified with vinyl and epoxy end groups. <i>Reactive and Functional Polymers</i> , 2010, 70, 798-806.	4.1	62
20	Comparative curing kinetics and thermal-mechanical properties of DGEBA thermosets cured with a hyperbranched poly(ethyleneimine) and an aliphatic triamine. <i>Thermochimica Acta</i> , 2011, 526, 9-21.	2.7	61
21	Efficient impact resistance improvement of epoxy/anhydride thermosets by adding hyperbranched polyesters partially modified with undecenoyl chains. <i>Polymer</i> , 2012, 53, 5232-5241.	3.8	60
22	Time-temperature transformation (TTT) cure diagram of an unsaturated polyester resin. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 371-388.	2.1	57
23	Application of a polythiophene derivative as anticorrosive additive for paints. <i>Progress in Organic Coatings</i> , 2005, 53, 217-224.	3.9	57
24	Study of lanthanide triflates as new curing initiators for DGEBA. <i>Polymer</i> , 2000, 41, 8465-8474.	3.8	55
25	A new strategy for controlling shrinkage of DGEBA resins cured by cationic copolymerization with hydroxyl-terminated hyperbranched polymers and ytterbium triflate as an initiator. <i>Journal of Applied Polymer Science</i> , 2009, 111, 2822-2929.	2.6	54
26	A new class of vitrimers based on aliphatic poly(thiourethane) networks with shape memory and permanent shape reconfiguration. <i>European Polymer Journal</i> , 2020, 122, 109361.	5.4	53
27	Latent curing of epoxy-thiol thermosets. <i>Polymer</i> , 2017, 116, 191-203.	3.8	51
28	Avocado Seed: A Comparative Study of Antioxidant Content and Capacity in Protecting Oil Models from Oxidation. <i>Molecules</i> , 2018, 23, 2421.	3.8	51
29	Calorimetric and thermogravimetric studies of UV-irradiated polypropylene/starch-based materials aged in soil. <i>Polymer Degradation and Stability</i> , 2006, 91, 44-51.	5.8	50
30	UV generation of a multifunctional hyperbranched thermal crosslinker to cure epoxy resins. <i>Polymer</i> , 2011, 52, 3269-3276.	3.8	49
31	Epoxy Sol-Gel Hybrid Thermosets. <i>Coatings</i> , 2016, 6, 8.	2.6	49
32	New bio-based materials obtained by thiol-ene/thiol-epoxy dual curing click procedures from eugenol derivatives. <i>European Polymer Journal</i> , 2017, 93, 530-544.	5.4	49
33	Network structure and thermomechanical properties of hybrid DGEBA networks cured with 1-methylimidazole and hyperbranched poly(ethyleneimine)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 1489-1503.	2.1	48
34	From curing kinetics to network structure: A novel approach to the modeling of the network buildup of epoxy-anhydride thermosets. <i>Journal of Polymer Science Part A</i> , 2014, 52, 61-75.	2.3	48
35	Study of epoxy and alkyd coatings modified with emeraldine base form of polyaniline. <i>Progress in Organic Coatings</i> , 2007, 58, 316-322.	3.9	47
36	Preparation of click thiol-ene/thiol-epoxy thermosets by controlled photo/thermal dual curing sequence. <i>RSC Advances</i> , 2015, 5, 101623-101633.	3.6	47

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37	Preparation of new biobased coatings from a triglycidyl eugenol derivative through thiol-epoxy click reaction. <i>Progress in Organic Coatings</i> , 2018, 114, 259-267.	3.9	46
38	New degradable thermosets obtained by cationic copolymerization of DGEBA with an s( $\beta$ -butyrolactone). <i>Polymer</i> , 2005, 46, 10637-10647.	3.8	45
39	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. <i>Polymer</i> , 2010, 51, 26-34.	3.8	45
40	A new two-stage curing system: Thiol-ene/epoxy homopolymerization using an allyl terminated hyperbranched polyester as reactive modifier. <i>Polymer</i> , 2013, 54, 5473-5481.	3.8	45
41	Recyclable poly(thiourethane) vitrimers with high T <sub>g</sub> . Influence of the isocyanate structure. <i>Reactive and Functional Polymers</i> , 2020, 151, 104574.	4.1	43
42	The degradation of new thermally degradable thermosets obtained by cationic curing of mixtures of DGEBA and 6,6-dimethyl (4,8-dioxaspiro[2.5]octane-5,7-dione). <i>Polymer Degradation and Stability</i> , 2007, 92, 596-604.	5.8	42
43	Effect of polymer topology on the curing process and mechanical characteristics of epoxy thermosets modified with linear or multiarm star poly( $\mu$ -caprolactone). <i>Polymer</i> , 2011, 52, 4694-4702.	3.8	42
44	New aromatic $\alpha$ -aliphatic hyperbranched polyesters with vinylic end groups of different length as modifiers of epoxy/anhydride thermosets. <i>Reactive and Functional Polymers</i> , 2012, 72, 556-563.	4.1	41
45	The use of dihydrazides as latent curing agents in diglycidyl ether of bisphenol A coatings. <i>Progress in Organic Coatings</i> , 2012, 74, 59-66.	3.9	41
46	Effect of the inhibitor on the curing of an unsaturated polyester resin. <i>Polymer</i> , 1995, 36, 3511-3521.	3.8	38
47	New BN-epoxy composites obtained by thermal latent cationic curing with enhanced thermal conductivity. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 103, 35-47.	7.6	38
48	Comparative kinetic study of the non-isothermal thermal curing of bis-GMA/TEGDMA systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 89, 233-244.	3.6	37
49	New pegylated hyperbranched polyester as chemical modifier of epoxy resins in UV cationic photocuring. <i>Reactive and Functional Polymers</i> , 2011, 71, 417-424.	4.1	37
50	Modification of epoxy $\alpha$ -anhydride thermosets using a hyperbranched poly(ester $\alpha$ -amide): I. Kinetic study. <i>Polymer International</i> , 2012, 61, 1710-1725.	3.1	37
51	Isoconversional kinetic analysis of a carboxyl terminated polyester resin crosslinked with triglycidyl isocyanurate (TGIC) used in powder coatings from experimental results obtained by DSC and TMDSC. <i>Thermochimica Acta</i> , 2002, 388, 355-370.	2.7	36
52	A study of the degradation of ester-modified epoxy resins obtained by cationic copolymerization of DGEBA with $\beta$ -lactones initiated by rare earth triflates. <i>Polymer Degradation and Stability</i> , 2007, 92, 2214-2222.	5.8	36
53	New hyperbranched polyester modified DGEBA thermosets with improved chemical reworkability. <i>Polymer Degradation and Stability</i> , 2010, 95, 445-452.	5.8	36
54	Novel epoxy-anhydride thermosets modified with a hyperbranched polyester as toughness enhancer. I. Kinetics study. <i>Thermochimica Acta</i> , 2012, 544, 17-26.	2.7	36

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55	Enhancement in the Glass Transition Temperature in Latent Thiol-Epoxy Click Cured Thermosets. <i>Polymers</i> , 2015, 7, 680-694.	4.5	36
56	Thermoset Cure Kinetics by Isoconversional Methods. <i>Magyar Árvad Kzlemnyek</i> , 1999, 56, 771-781.	1.4	35
57	Influence of lanthanide triflate compounds on formation of networks from DGEBA and $\beta$ -butyrolactone. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3782-3791.	2.3	35
58	Multiair star poly(glycidol)-block-poly( $\beta$ -caprolactone) of different arm lengths and their use as modifiers of diglycidylether of bisphenol a thermosets. <i>Journal of Polymer Science Part A</i> , 2011, 49, 2395-2406.	2.3	35
59	Preparation and characterization of dual-curable off-stoichiometric amine-epoxy thermosets with latent reactivity. <i>Polymer</i> , 2018, 146, 42-52.	3.8	33
60	Effect of the initiator content and temperature on the curing of an unsaturated polyester resin. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 751-768.	2.1	32
61	FTIR/ATR study of the copolymerization of diglycidyl ether of Bisphenol A with methyl-substituted $\beta$ -lactones catalyzed by rare earth triflate initiators. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2129-2141.	2.3	32
62	Novel epoxy-silica hybrid coatings by using ethoxysilyl-modified hyperbranched poly(ethyleneimine) with improved scratch resistance. <i>Polymer</i> , 2014, 55, 5028-5035.	3.8	31
63	Study of Lanthanide Triflates as New Curing Initiators for Cycloaliphatic Epoxy Resins. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 2554-2564.	2.2	30
64	Improvement of epoxy thermosets using a thiol-ene based polyester hyperbranched polymer as modifier. <i>Polymer International</i> , 2012, 61, 727-734.	3.1	30
65	Novel thermal curing of cycloaliphatic resins by thiol-epoxy click process with several multifunctional thiols. <i>Polymer International</i> , 2017, 66, 1697-1707.	3.1	30
66	A kinetic study of the effect of three catalytic systems on the curing of an unsaturated polyester resin. <i>Journal of Applied Polymer Science</i> , 1994, 51, 453-462.	2.6	29
67	Fully renewable thermosets based on bis-eugenol prepared by thiol-click chemistry. <i>Reactive and Functional Polymers</i> , 2019, 136, 153-166.	4.1	29
68	Characterization of new reworkable thermosetting coatings obtained by cationic and anionic curing of DGEBA and some Meldrum acid derivatives. <i>Progress in Organic Coatings</i> , 2009, 65, 175-181.	3.9	28
69	Thermoconductive Thermosetting Composites Based on Boron Nitride Fillers and Thiol-Epoxy Matrices. <i>Polymers</i> , 2018, 10, 277.	4.5	28
70	Influence of the initiating mechanism on the cationic photopolymerization of a cycloaliphatic epoxy resin with arylsulfonium salts. <i>Journal of Polymer Science Part A</i> , 2007, 45, 16-25.	2.3	27
71	Synthesis of a new multiair star polymer based on hyperbranched poly(styrene) core and poly( $\beta$ -caprolactone) arms and its use as reactive modifier of epoxy thermosets. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4639-4649.	2.3	27
72	Synthesis of a new hyperbranched-linear-hyperbranched triblock copolymer and its use as a chemical modifier for the cationic photo and thermal curing of epoxy resins. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1133-1142.	2.3	27

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73	Sequential curing of amine-acrylate-methacrylate mixtures based on selective aza-Michael addition followed by radical photopolymerization. <i>European Polymer Journal</i> , 2016, 84, 256-267.	5.4	27
74	Comparative study of the degradation kinetics of three powder thermoset coatings. <i>Thermochimica Acta</i> , 2004, 419, 181-187.	2.7	26
75	Cationic copolymerization of cycloaliphatic epoxy resin with a spirobis lactone with lanthanum triflate as initiator: I. Characterization and shrinkage. <i>Journal of Polymer Science Part A</i> , 2005, 43, 3421-3432.	2.3	26
76	Synthesis of a New Hyperbranched Polyaminoester and Its Use as a Reactive Modifier in Anionic Curing of DGEBA Thermosets. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 1879-1889.	2.2	26
77	Thermal curing and photocuring of an epoxy resin modified with a hyperbranched polymer. <i>Thermochimica Acta</i> , 2010, 510, 1-8.	2.7	26
78	Simultaneous Monitoring of Curing Shrinkage and Degree of Cure of Thermosets by Attenuated Total Reflection Fourier Transform Infrared (ATR FT-IR) Spectroscopy. <i>Applied Spectroscopy</i> , 2013, 67, 1427-1436.	2.2	26
79	Structural analysis of the curing of epoxy thermosets crosslinked with hyperbranched poly(ethyleneimine)s. <i>European Polymer Journal</i> , 2015, 70, 286-305.	5.4	26
80	Non-isothermal degradation of a thermoset powder coating in inert and oxidant atmospheres. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 72, 719-728.	3.6	25
81	Isothermal kinetics of photopolymerization and thermal polymerization of bis-GMA/TEGDMA resins. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 513-522.	3.6	25
82	New thermosets obtained by cationic copolymerization of DGEBA with $\hat{1}^3$ -caprolactone with improvement in the shrinkage. II. Time-temperature-transformation (TTT) cure diagram. <i>Journal of Applied Polymer Science</i> , 2007, 104, 3406-3416.	2.6	24
83	Crosslinking of mixtures of DGEBA with 1,6-dioxaspiro[4,4]nonan-2,7-dione initiated by tertiary amines. I. Study of the reaction and kinetic analysis. <i>Journal of Applied Polymer Science</i> , 2008, 109, 2304-2315.	2.6	24
84	Kinetic studies of the degradation of poly(vinyl alcohol)-based proton-conducting membranes at low temperatures. <i>Thermochimica Acta</i> , 2011, 521, 139-147.	2.7	24
85	Multifunctional allyl-terminated hyperbranched poly(ethyleneimine) as component of new thiol-ene/thiol-epoxy materials. <i>Reactive and Functional Polymers</i> , 2016, 99, 17-25.	4.1	24
86	Preparation of poly(thiourethane) thermosets by controlled thiol-isocyanate click reaction using a latent organocatalyst. <i>Reactive and Functional Polymers</i> , 2019, 134, 174-182.	4.1	24
87	The Use of Click-Type Reactions in the Preparation of Thermosets. <i>Polymers</i> , 2020, 12, 1084.	4.5	24
88	Thermal analysis characterization of the degradation of biodegradable starch blends in soil. <i>Journal of Applied Polymer Science</i> , 2005, 96, 358-371.	2.6	23
89	Reduction of the shrinkage of thermosets by the cationic curing of mixtures of diglycidyl ether of bisphenol A and 6,6-dimethyl-(4,8-dioxaspiro[2.5]octane-5,7-dione). <i>Journal of Polymer Science Part A</i> , 2006, 44, 6869-6879.	2.3	23
90	Sequential curing of thiol-acetoacetate-acrylate thermosets by latent Michael addition reactions. <i>Polymer</i> , 2017, 113, 193-199.	3.8	23

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91	Kinetic studies on the thermal polymerization of N-chloroacetyl-11-aminoundecanoate potassium salt. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1166-1176.	2.3	22
92	Multiarmed star with poly(ethyleneimine) core and poly( $\epsilon$ -caprolactone) arms as modifiers of diglycidylether of bisphenol A thermosets cured by 1-methylimidazole. <i>Reactive and Functional Polymers</i> , 2013, 73, 431-441.	4.1	22
93	Theoretical and experimental conversion in the curing of unsaturated polyester resins with styrene as a crosslinking agent. <i>Journal of Applied Polymer Science</i> , 1992, 45, 227-236.	2.6	21
94	Crosslinking of mixtures of diglycidylether of bisphenol A with 1,6-dioxaspiro[4.4]nonan-2,7-dione initiated by tertiary amines: III. Effect of hydroxyl groups on network formation. <i>Polymer International</i> , 2009, 58, 1401-1410.	3.1	21
95	Sequential dual curing by selective Michael addition and free radical polymerization of acetoacetate-acrylate-methacrylate mixtures. <i>European Polymer Journal</i> , 2018, 98, 39-46.	5.4	21
96	Recyclable Organocatalyzed Poly(Thiourethane) Covalent Adaptable Networks. <i>Polymers</i> , 2020, 12, 2913.	4.5	21
97	Improved thermosets obtained from cycloaliphatic epoxy resins and $\epsilon$ -butyrolactone with lanthanide triflates as initiators. I. Study of curing by differential scanning calorimetry and Fourier transform infrared. <i>Journal of Polymer Science Part A</i> , 2005, 43, 2337-2347.	2.3	20
98	Effect of hydroxyl ended and end-capped multiarmed star polymers on the curing process and mechanical characteristics of epoxy/anhydride thermosets. <i>Progress in Organic Coatings</i> , 2014, 77, 1288-1298.	3.9	20
99	Cure kinetics modeling and thermomechanical properties of cycloaliphatic epoxy-anhydride thermosets modified with hyperstar polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 1227-1242.	2.1	20
100	Curing kinetics and characterization of dual-curable thiol-acrylate-epoxy thermosets with latent reactivity. <i>Reactive and Functional Polymers</i> , 2018, 122, 60-67.	4.1	20
101	Calorimetric analysis of the curing behavior of an unsaturated polyester resin using different catalytic systems. <i>Thermochimica Acta</i> , 1988, 134, 261-267.	2.7	19
102	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. <i>Progress in Organic Coatings</i> , 2012, 75, 364-372.	3.9	19
103	The Effect of the Degree of Branching in Hyperbranched Polyesters Used as Reactive Modifiers in Epoxy Thermosets. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 85-94.	3.6	19
104	New Epoxy Thermosets Derived from Clove Oil Prepared by Epoxy-Amine Curing. <i>Polymers</i> , 2020, 12, 44.	4.5	19
105	New thermosets obtained by the cationic copolymerization of diglycidyl ether of bisphenol A with $\epsilon$ -caprolactone with an improvement in the shrinkage. I. Study of the chemical processes and physical characteristics. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1968-1979.	2.3	18
106	Influence of the end groups of hyperbranched poly(glycidol) on the cationic curing and morphology of diglycidylether of bisphenol A thermosets. <i>Reactive and Functional Polymers</i> , 2011, 71, 380-389.	4.1	18
107	Ytterbium triflate as a new catalyst on the curing of epoxy-isocyanate based thermosets. <i>Thermochimica Acta</i> , 2012, 543, 188-196.	2.7	18
108	New anhydride/epoxy thermosets based on diglycidyl ether of bisphenol A and 10-undecenoyl modified poly(ethyleneimine) with improved impact resistance. <i>Progress in Organic Coatings</i> , 2015, 85, 52-59.	3.9	18



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109	Thermal curing of an epoxy-anhydride system modified with hyperbranched poly(ethylene imine)s with different terminal groups. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 645-654.	3.6	18
110	Cationic copolymerization of cycloaliphatic epoxy resin with an spirobis lactone with lanthanum triflate as initiator. <i>Thermochimica Acta</i> , 2005, 438, 144-154.	2.7	17
111	Influence of the proportion of ytterbium triflate as initiator on the mechanism of copolymerization of DGEBA epoxy resin and $\beta$ -butyrolactone. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 385-393.	3.6	17
112	Modification of epoxy-anhydride thermosets with a hyperbranched poly(ester amide). II. Thermal, dynamic mechanical, and dielectric properties and thermal reworkability. <i>Journal of Applied Polymer Science</i> , 2013, 128, 4001-4013.	2.6	17
113	Isothermal degradation and thermooxidative degradation of an epoxy powder coating. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 80, 163-169.	3.6	16
114	Cationic crosslinking of solid dgeba resins with ytterbium(III) trifluoromethanesulfonate as initiator. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 83, 429-438.	3.6	16
115	Curing and characterization of oxazolidone-isocyanurate-ether networks. <i>Journal of Applied Polymer Science</i> , 2012, 125, 2779-2789.	2.6	16
116	Tailor-made thermosets obtained by sequential dual-curing combining isocyanate-thiol and epoxy-thiol click reactions. <i>Polymer</i> , 2019, 174, 200-209.	3.8	16
117	Crosslinking study of mixtures of DGEBA and 1,3-dioxan-2-one catalyzed by lanthanide triflates. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5799-5813.	2.3	15
118	Synthesis, characterization, and rheological properties of multiarm stars with poly(glycidol) core and poly(methyl methacrylate) arms by AGET ATRP. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3138-3151.	2.3	15
119	New epoxy thermosets modified with multiarm star poly(lactide) with poly(ethyleneimine) as core of different molecular weight. <i>European Polymer Journal</i> , 2013, 49, 2316-2326.	5.4	15
120	Hard epoxy thermosets obtained via two sequential epoxy-amine condensations. <i>European Polymer Journal</i> , 2019, 116, 222-231.	5.4	15
121	Dual-cured thermosets from glycidyl methacrylate obtained by epoxy-amine reaction and methacrylate homopolymerization. <i>Reactive and Functional Polymers</i> , 2021, 159, 104822.	4.1	15
122	Enhancement of 3D-Printable Materials by Dual-Curing Procedures. <i>Materials</i> , 2021, 14, 107.	2.9	15
123	Synthesis and characterization of new bio-based poly(acylhydrazone) vanillin vitrimers. <i>Polymer Chemistry</i> , 2022, 13, 1510-1519.	3.9	15
124	New thermosets obtained by copolymerization of DGEBA with 1,5,7,11-tetraoxaspiro[5,5]undecane catalyzed by lanthanide triflates. <i>Polymer</i> , 2005, 46, 6878-6887.	3.8	14
125	Study on the effect of rare earth metal triflates as initiators in the cationic curing of DGEBA/ $\beta$ -valerolactone mixtures and characterization of the thermosets obtained. <i>European Polymer Journal</i> , 2009, 45, 1282-1292.	5.4	14
126	Multiarm star poly(glycidol)-block-poly(styrene) as modifier of anionically cured diglycidylether of bisphenol A thermosetting coatings. <i>Progress in Organic Coatings</i> , 2012, 73, 62-69.	3.9	14



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127	Epoxy/anhydride networks modified with polyhedral oligomeric silsesquioxanes. <i>Polymer Composites</i> , 2013, 34, 96-108.	4.6	14
128	Epoxy/anhydride thermosets modified with end-capped star polymers with poly(ethyleneimine) cores of different molecular weight and poly( $\epsilon$ -caprolactone) arms. <i>EXPRESS Polymer Letters</i> , 2015, 9, 809-823.	2.1	14
129	Anionic copolymerization of DGEBA with two bicyclic bis( $\beta$ -lactone) derivatives using tertiary amines as initiators. <i>Polymer</i> , 2009, 50, 2228-2236.	3.8	13
130	Study of the thermal degradation of bioactive sol-gel coatings for the optimization of its curing process. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 499-508.	3.6	13
131	Enhancement of the impact strength of cationically cured cycloaliphatic diepoxide by adding hyperbranched poly(glycidol) partially modified with 10-undecenoyl chains. <i>European Polymer Journal</i> , 2013, 49, 1610-1620.	5.4	13
132	New epoxy thermosets modified with amphiphilic multiarm star polymers as toughness enhancer. <i>Reactive and Functional Polymers</i> , 2014, 83, 132-143.	4.1	13
133	Thiol-yne/thiol-epoxy hybrid crosslinked materials based on propargyl modified hyperbranched poly(ethyleneimine) and diglycidylether of bisphenol A resins. <i>RSC Advances</i> , 2016, 6, 61576-61584.	3.6	13
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