Francisco Fraga-LÃ³pez

List of Publications by Year
in descending order

57 papers	927 citations	586496 16 h-index	563245 28 g-index
60 all docs	60 docs citations	60 times ranked	789 citing authors

#	Article	IF	Citations
1	Analysis of curing of diglycidyl ether of bisphenol A (BADGE n = 0) with 2â€adamantylethanamine. Polymers for Advanced Technologies, 2021, 32, 202-209.	1.6	0
2	Highly Hydrophilic and Lipophilic Derivatives of Bile Salts. International Journal of Molecular Sciences, 2021, 22, 6684.	1.8	3
3	Revealing the complex self-assembly behaviour of sodium deoxycholate in aqueous solution. Journal of Colloid and Interface Science, 2021, 604, 415-428.	5.0	20
4	Extraction and Physicochemical Characterization of Chitin Derived from the Asian Hornet, Vespa velutina Lepeletier 1836 (Hym.: Vespidae). Molecules, 2020, 25, 384.	1.7	22
5	Analysis of an old controversy: The compensation temperature for micellization of surfactants. Advances in Colloid and Interface Science, 2018, 254, 94-98.	7.0	10
6	Characterization of an Epoxy Network with Gold Nanoparticles Using Dielectric Analysis. Advances in Polymer Technology, 2018, 37, 850-856.	0.8	4
7	New curing agents for epoxy resins: protoporphyrins. Polymers for Advanced Technologies, 2018, 29, 329-336.	1.6	3
8	Physico-Chemical Characterization of Two Epoxy Systems Using Porphyrins as Curing Agents. Polymer Science - Series B, 2018, 60, 746-753.	0.3	0
9	Physicochemical Characterization of BADGE n = 0/Zinc Meso-tetra(4-pyridyl) Porphyrin Resin. Polymer Science - Series B, 2018, 60, 481-496.	0.3	1
10	A Standard Structure for Bile Acids and Derivatives. Crystals, 2018, 8, 86.	1.0	7
11	Kinetic Study of the Epoxy System BADGE n = 0/IPD/ABS. Proceedings (mdpi), 2018, 9, .	0.2	2
12	Crown ethers as new curing agents for epoxy resins. Polymer International, 2017, 66, 1928-1934.	1.6	7
13	Validity and reliability of the HEMPA method for patient handling assessment. Applied Ergonomics, 2017, 65, 209-222.	1.7	7
14	Paramagnetic epoxy resin. EXPRESS Polymer Letters, 2017, 11, 60-72.	1.1	10
15	Comparison between five risk assessment methods of patient handling. International Journal of Industrial Ergonomics, 2016, 52, 100-108.	1.5	13
16	Simple route for nano-hydroxyapatite properties expansion. Biomedical Materials (Bristol), 2015, 10, 055015.	1.7	1
17	Studies of Absorption in Sanitary Protective Gloves. Journal of Testing and Evaluation, 2015, 43, 996-1004.	0.4	1
18	Calorimetric study of nanocomposites of epoxy network DGEBA n = 0/m-XDA with gold nanoparticles. International Journal of Nanoparticles, 2014, 7, 100.	0.1	3

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19	Curing kinetics of diglycidyl ether of bisphenolâ€A (n = 0) using an ironâ€containing porphyrin as crossâ€linking agent. Journal of Applied Polymer Science, 2013, 130, 3972-3978.	1.3	6
20	The mechanism and energy of activation of the melting of poly (Îµâ€caprolactone) with and without prior treatment with span 80. Journal of Applied Polymer Science, 2011, 121, 3635-3640.	1.3	3
21	Enantioresolution and Chameleonic Mimicry of 2-Butanol with an Adamantylacetyl Derivative of Cholic Acid. Crystal Growth and Design, 2010, 10, 1124-1129.	1.4	13
22	Study of the physical aging of the epoxy system BADGE n = 0/mâ€XDA/CaCO₃. Journal of Applied Polymer Science, 2009, 113, 2456-2461.	1.3	6
23	Influence of the filler CaCO₃ on the cure kinetic of the epoxy network diglycidyl ether of bisphenol a (BADGE n = 0) with isophorone diamine. Journal of Applied Polymer Science, 2009, 114, 3338-3342.	1.3	14
24	Influence of the solvent ability to form hydrogen bonds in the crystal structure of		

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37	TTT cure diagram for an epoxy system diglycidyl ether of bisphenol A/1,2 diamine cyclohexane/calcium carbonate filler. Polymer, 2001, 42, 3581-3587.	1.8	35
38	Activation energies for the epoxy system BADGEn = 0/m-XDA obtained using data from thermogravimetric analysis. Journal of Applied Polymer Science, 2001, 80, 776-782.	1.3	37
39	Master curves and lifetime prediction for the epoxy system badge n = 0/m-XDA by thermogravimetric analysis. Journal of Applied Polymer Science, 2001, 82, 461-466.	1.3	9
40	Cure kinetics of diglycidylether of bisphenol A- ethylenediamine revisited using a mechanistic model. Journal of Applied Polymer Science, 2001, 82, 2319-2325.	1.3	40
41	Curing kinetic of the epoxy system badgen= 0/1,2 DCH by fourier transform infrared spectroscopy (FTIR). Journal of Applied Polymer Science, 2001, 82, 3366-3372.	1.3	44
42	Kinetic and thermodynamic studies of an epoxy system diglycidyl ether of bisphenol A/1, 2 diamine cyclohexane/calcium carbonate filler. Journal of Applied Polymer Science, 2000, 75, 291-305.	1.3	22
43	Effects of diffusion on the kinetic study of an epoxy system diglycidyl ether of bisphenol A/1,2-diamine cyclohexane/calcium carbonate filler. Journal of Applied Polymer Science, 2000, 77, 2285-2295.	1.3	11
44	Lifetime prediction of the epoxy system badgen = 0/1,2 DCH by thermogravimetric analysis. Journal of Applied Polymer Science, 2000, 78, 1239-1244.	1.3	14
45	Thermogravimetric study of the decomposition process of the system BADGE (n =0)/1,2 DCH. Polymer, 2000, 41, 4635-4641.	1.8	128
46	The influence of lixiviates on the thermal degradation of diglycidyl ether of bisphenol An=0/1,2-diaminecyclohexane studied by dynamic mechanical analysis and thermogravimetry-fourier transform infrared spectroscopy. Journal of Applied Polymer Science, 1999, 72, 443-453.	1.3	4
47	Influence of water absorption on the mechanical properties of a DGEBA (n = 0)/1, 2 DCH epoxy system. Journal of Applied Polymer Science, 1999, 74, 353-358.	1.3	47
48	Effects of diffusion on the kinetic study of the system BADGEn = 0/m-xylylenediamine. Journal of Applied Polymer Science, 1999, 74, 2997-3005.	1.3	14
49	Effects of diffusion on the kinetic study and TTT cure diagram for an epoxy/diamine system. Journal of Applied Polymer Science, 1998, 70, 1931-1938.	1.3	32
50	The first quantitative assessment of the individual processes involved in the extraction of alkali-metal picrates by ethyl p-tert-butylcalix(4)arenetetraethanoate in the water[ndash]benzonitrile solvent system. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 3955-3959.	1.7	16
51	Kinetic and thermodynamic studies of an epoxy system diglycidyl ether of bisphenol-A/1,2 diamine cyclohexane. Journal of Applied Polymer Science, 1997, 63, 635-641.	1.3	29
52	Kinetic study and time-temperature-transformation cure diagram for an epoxy-diamine system. Journal of Applied Polymer Science, 1997, 66, 1377-1388.	1.3	57
53	Activation energies and rate constants for an epoxy/cure agent reaction. Journal of Thermal Analysis, 1996, 47, 743-750.	0.7	23
54	Determination of the optimum epoxy/curing agent ratio: A study of different kinetic parameters. Pure and Applied Chemistry, 1995, 67, 1091-1094.	0.9	16

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55	Calorific values and flammability for forest wastes during the seasons of the year. Bioresource Technology, 1995, 52, 269-274.	4.8	32
56	Forest waste as a potential alternative energy source. Journal of Thermal Analysis, 1994, 41, 1393-1398.	0.7	14
57	Determination of physical and structural parameters by DMA and DSC application to an epoxidic formulation. Journal of Thermal Analysis, 1994, 41, 1543-1550.	0.7	13