

Maria-Jose Abad

List of Publications by Year in descending order

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77
papers

2,419
citations

236612

25
h-index

223531

46
g-index

77
all docs

77
docs citations

77
times ranked

2872
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocurable Printed Piezocapacitive Pressure Sensor Based on an Acrylic Resin Modified with Polyaniline and Lignin. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	13

2	Last developments in polymers for wearable energy storage devices. <i>International Journal of Energy Research</i> , 2022, 46, 10475-10498.	2.2	18
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#	ARTICLE	IF	CITATIONS
19	Structure–fracture properties relationship for Polypropylene reinforced with fly ash with and without maleic anhydride functionalized isotactic Polypropylene as coupling agent. <i>Materials & Design</i> , 2014, 55, 85-92.	5.1	33
20	Effect of carbon nanotube type and functionalization on the electrical, thermal, mechanical and electromechanical properties of carbon nanotube/styrene–butadiene–styrene composites for large strain sensor applications. <i>Composites Part B: Engineering</i> , 2014, 61, 136-146.	5.9	166
21	Extruded polyaniline/EVA blends: Enhancing electrical conductivity using gallate compatibilizers. <i>Synthetic Metals</i> , 2014, 189, 193-202.	2.1	19
22	Assessing changes on poly(ethylene terephthalate) properties after recycling: Mechanical recycling in laboratory versus postconsumer recycled material. <i>Materials Chemistry and Physics</i> , 2014, 147, 884-894.	2.0	78
23	Effects of silane functionalization of alumina whiskers on high-density polyethylene composites. <i>Journal of Composite Materials</i> , 2014, 48, 3141-3151.	1.2	14
24	Insight into BPA–4-vinylpyridine interactions in molecularly imprinted polymers using complementary spectroscopy techniques. <i>Materials Chemistry and Physics</i> , 2013, 141, 461-476.	2.0	18
25	Piezoresistive response of carbon nanotubes-polyamides composites processed by extrusion. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	21
26	Toughening strategies of carbon nanotube/polycarbonate composites with electromagnetic interference shielding properties. <i>Polymer Composites</i> , 2013, 34, 1938-1949.	2.3	17
27	Development of antioxidant active films containing tocopherols to extend the shelf life of fish. <i>Food Control</i> , 2013, 31, 236-243.	2.8	100
28	Co-existence of two mytilid species in a heterogeneous environment: mortality, growth and strength of shell and byssus attachment. <i>Marine Ecology - Progress Series</i> , 2013, 476, 115-128.	0.9	23
29	A study of competitive molecular interaction effects on imprinting of molecularly imprinted polymers. <i>Vibrational Spectroscopy</i> , 2013, 65, 74-83.	1.2	16
30	Insight into industrial PLA aging process by complementary use of rheology, HPLC, and MALDI. <i>Polymers for Advanced Technologies</i> , 2013, 24, 723-731.	1.6	23
31	Nanoclay-reinforced poly(butylene adipate–terephthalate) biocomposites for packaging applications. <i>Polymer Composites</i> , 2012, 33, 2022-2028.	2.3	20
32	Rheology and thermal behavior of polyamide reinforced with alumina whiskers. <i>Polymer Composites</i> , 2012, 33, 2207-2217.	2.3	10
33	Tensile and fracture behaviour of PP/wood flour composites. <i>Composites Part B: Engineering</i> , 2012, 43, 2795-2800.	5.9	78
34	Commercial biodegradable material for food contact: methodology for assessment of service life. <i>Polymer International</i> , 2012, 61, 1648-1654.	1.6	7
35	An approach to assess the synergistic effect of natural antioxidants on the performance of the polypropylene stabilizing systems. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1852-1858.	1.3	11
36	Natural extracts as potential source of antioxidants to stabilize polyolefins. <i>Journal of Applied Polymer Science</i> , 2011, 119, 3553-3559.	1.3	45

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37	Efficacy of hindered amines in woodflour-polypropylene composites compatibilized with vinyltrimethoxysilane after accelerated weathering and moisture absorption. <i>Journal of Applied Polymer Science</i> , 2011, 120, 2017-2026.	1.3	8
38	Effect of aminomethoxy silane and olefin block copolymer on rheomechanical and morphological behavior of fly ash-filled polypropylene composites. <i>Rheologica Acta</i> , 2010, 49, 607-618.	1.1	25
39	Rheological, Mechanical and Thermal Behaviour of Wood Polymer Composites Based on Recycled Polypropylene. <i>Journal of Polymers and the Environment</i> , 2010, 18, 318-325.	2.4	66
40	Impact fracture behavior and damage mechanisms of PP/EVOH blends compatibilized with ionomer Zn ²⁺ . <i>Journal of Applied Polymer Science</i> , 2010, 117, 2515-2522.	1.3	1
41	Rheological, thermal, and mechanical characterization of fly ash-thermoplastic composites with different coupling agents. <i>Polymer Composites</i> , 2010, 31, 1722-1730.	2.3	71
42	Rheomechanical and morphological study of compatibilized PP/EVOH blends. <i>Rheologica Acta</i> , 2009, 48, 993-1004.	1.1	18
43	Design of new polypropylene-woodflour composites: Processing and physical characterization. <i>Polymer Composites</i> , 2009, 30, 880-886.	2.3	16
44	Effects of vinyltrimethoxy silane on mechanical properties and morphology of polypropylene-woodflour composites. <i>Polymer Engineering and Science</i> , 2009, 49, 324-332.	1.5	13
45	Application of FTIR spectroscopy to determine transport properties and water-polymer interactions in polypropylene (PP)/poly(ethylene-co-vinyl alcohol) (EVOH) blend films: Effect of poly(ethylene-co-vinyl alcohol) content and water activity. <i>Polymer</i> , 2009, 50, 2981-2989.	1.8	32
46	Deformation and Fracture Behavior of PP/Ash Composites. <i>Composite Interfaces</i> , 2009, 16, 97-114.	1.3	16
47	Effects of vinyltrimethoxy silane on thermal properties and dynamic mechanical properties of polypropylene-wood flour composites. <i>Journal of Applied Polymer Science</i> , 2008, 109, 1197-1204.	1.3	32
48	FTIR study on the nature of water sorbed in polypropylene (PP)/ethylene alcohol vinyl (EVOH) films. <i>European Polymer Journal</i> , 2006, 42, 3121-3132.	2.6	69
49	Mechanical and fracture behavior of polypropylene/poly(ethylene-co-vinyl alcohol) blends compatibilized with ionomer Na ⁺ . <i>European Polymer Journal</i> , 2006, 42, 265-273.	2.6	20
50	Thermodynamic analysis of phase separation in an epoxy/polystyrene mixture. <i>Polymer</i> , 2005, 46, 6114-6121.	1.8	15
51	Deformation and fracture behavior of polypropylene-ethylene vinyl alcohol blends compatibilized with ionomer Zn ²⁺ . <i>Journal of Applied Polymer Science</i> , 2005, 98, 1271-1279.	1.3	10
52	Influence of the ethylene-(methacrylic acid)-Zn ²⁺ -ionomer on the thermal and mechanical properties of blends of poly(propylene) (PP)/ethylene-(vinyl alcohol) copolymer (EVOH). <i>Polymer International</i> , 2005, 54, 673-678.	1.6	17
53	Study of the effect of poly(acrylonitrile-co-butadiene-co-styrene) on the mechanical properties of an epoxy system. <i>Journal of Applied Polymer Science</i> , 2004, 92, 461-467.	1.3	17
54	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

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55	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
56	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
57	Extraction and quantification of antioxidants from low-density polyethylene by microwave energy and liquid chromatography. <i>Analytica Chimica Acta</i> , 2004, 521, 179-188.	2.6	40
58	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
59	Epoxy Networks Containing Large Mass Fractions of a Monofunctional Polyhedral Oligomeric Silsesquioxane (POSS). <i>Macromolecules</i> , 2003, 36, 3128-3135.	2.2	192
60	Isothermal crystallization behavior and properties of polypropylene/EPR blends nucleated with sodium benzoate. <i>Journal of Applied Polymer Science</i> , 2002, 83, 201-211.	1.3	13
61	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
62	Characterization of an ABS-modified epoxy system. <i>Polymer International</i> , 2002, 51, 1268-1276.	1.6	8
63	Dynamic mechanical analysis of an epoxy/thermoplastic blend: polymerization-induced phase separation. <i>Polymer International</i> , 2002, 51, 1100-1106.	1.6	16
64	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
65	Study of the physical aging of an epoxy/cycloaliphatic amine resin modified with abs. <i>Magyar Árvad Kémlemeznyek</i> , 2002, 70, 85-92.	1.4	4
66	Enthalpy relaxation in an epoxy-cycloaliphatic amine resin. <i>Colloid and Polymer Science</i> , 2001, 279, 184-189.	1.0	11
67	Effect of poly(styrene-co-acrylonitrile) on the curing of an epoxy/amine resin. <i>Polymer</i> , 2001, 42, 1669-1677.	1.8	46
68	Effect of water sorption on the structure and mechanical properties of an epoxy resin system. <i>Journal of Applied Polymer Science</i> , 2001, 80, 71-80.	1.3	275
69	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
70	Kinetic studies of the effect of ABS on the curing of an epoxy/cycloaliphatic amine resin. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 351-361.	2.4	42
71	Mechanical behavior of tetrafunctional/phenol novolac epoxy mixtures cured with a diamine. <i>Journal of Applied Polymer Science</i> , 2000, 77, 2305-2313.	1.3	9
72	Blends of an epoxy/cycloaliphatic amine resin with poly(ether imide). <i>Polymer</i> , 2000, 41, 2657-2666.	1.8	40

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73	Thermal properties of amine cured diglycidyl ether of bisphenol A epoxy blended with poly(ether) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	22
74	Decomposition behavior of epoxy-resin systems cured by diamines. European Polymer Journal, 2000, 36, 1231-1240.	2.6	39
75	Title is missing!. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 2000, 60, 391-399.	1.4	38
76	Physical aging of an epoxy/cycloaliphatic amine resin. European Polymer Journal, 1999, 35, 403-411.	2.6	25
77	Estudo sobre a violencia e acoso sexual na Universidade da CoruÃ±a. , 0, , .		0