

Bluma G Soares

List of Publications by Year in descending order

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251
papers

6,505
citations

71061

41
h-index

128225

60
g-index

251
all docs

251
docs citations

251
times ranked

5600
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric behavior of polyaniline synthesized by different techniques. <i>European Polymer Journal</i> , 2006, 42, 676-686.	2.6	162
2	Structure and properties of conducting bacterial cellulose-polyaniline nanocomposites. <i>Cellulose</i> , 2011, 18, 1285-1294.	2.4	126
3	Electrically conducting nanocomposites: preparation and properties of polyaniline (PAni)-coated bacterial cellulose nanofibers (BC). <i>Cellulose</i> , 2012, 19, 1645-1654.	2.4	126
4	Synthesis and properties of epoxy resin modified with epoxy-terminated liquid polybutadiene. <i>Polymer</i> , 2003, 44, 5811-5819.	1.8	121
5	Electrical, rheological and electromagnetic interference shielding properties of thermoplastic polyurethane/carbon nanotube composites. <i>Polymer International</i> , 2013, 62, 1477-1484.	1.6	110
6	Performance of radar absorbing materials by waveguide measurements for X- and Ku-band frequencies. <i>European Polymer Journal</i> , 2002, 38, 2321-2327.	2.6	106
7	Processing and characterization of conductive composites based on poly(styrene- <i>b</i> -ethylene- <i>ran</i> -butylene- <i>b</i> -styrene) (SEBS) and carbon additives: A comparative study of expanded graphite and carbon black. <i>Composites Part B: Engineering</i> , 2016, 84, 236-247.	5.9	94
8	Electromagnetic interference shielding effectiveness of ABS carbon-based composites manufactured via fused deposition modelling. <i>Materials Today Communications</i> , 2018, 15, 70-80.	0.9	90
9	New epoxy systems based on ionic liquid. <i>Polymer</i> , 2013, 54, 2123-2129.	1.8	87
10	Synthesis and Characterization of Epoxy/MCDEA Networks Modified with Imidazolium-Based Ionic Liquids. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 826-834.	1.7	81
11	Development of conducting polyaniline/poly(lactic acid) nanofibers by electrospinning. <i>Journal of Applied Polymer Science</i> , 2009, 112, 744-753.	1.3	77
12	Electric, dielectric, and dynamic mechanical behavior of carbon black/styrene-butadiene-styrene composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 2983-2997.	2.4	75
13	Poly(vinyl alcohol)/Clay-Based Nanocomposite Hydrogels: Swelling Behavior and Characterization. <i>Macromolecular Materials and Engineering</i> , 2007, 292, 620-626.	1.7	73
14	Nanostructure and dynamic mechanical properties of silane-functionalized montmorillonite/epoxy nanocomposites. <i>Applied Clay Science</i> , 2011, 54, 151-158.	2.6	72
15	The in situ polymerization of aniline in nitrile rubber. <i>Synthetic Metals</i> , 2006, 156, 91-98.	2.1	69
16	A methodology for studying the dependence of electrical resistivity with pressure in conducting composites. <i>Polymer Testing</i> , 2005, 24, 998-1004.	2.3	66
17	The effect of dynamic vulcanization on the mechanical, dynamic mechanical and fatigue properties of TPV based on polypropylene and ground tire rubber. <i>Polymer Testing</i> , 2010, 29, 840-848.	2.3	66
18	Electromagnetic interference shielding and electrical properties of nanocomposites based on poly(styrene- <i>b</i> -ethylene- <i>ran</i> -butylene- <i>b</i> -styrene) and carbon nanotubes. <i>European Polymer Journal</i> , 2016, 77, 43-53.	2.6	65

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19	Preparation of epoxy/MCDEA networks modified with ionic liquids. <i>Polymer</i> , 2012, 53, 60-66.	1.8	64
20	Hybrid nanocomposites of thermoplastic elastomer and carbon nanoadditives for electromagnetic shielding. <i>European Polymer Journal</i> , 2017, 88, 328-339.	2.6	64
21	Hybrid composites based on polypropylene and carbon fiber and epoxy matrix. <i>Polymer</i> , 2000, 41, 3841-3849.	1.8	61
22	Fully biodegradable composites based on poly(butylene adipate-co-terephthalate)/peach palm trees fiber. <i>Composites Part B: Engineering</i> , 2017, 129, 117-123.	5.9	60
23	Aging effect on the reflectivity measurements of polychloroprene matrices containing carbon black and carbonyl-iron powder. <i>Polymer Degradation and Stability</i> , 2001, 73, 1-5.	2.7	59
24	Self-supported bacterial cellulose polyaniline conducting membrane as electromagnetic interference shielding material: effect of the oxidizing agent. <i>Cellulose</i> , 2014, 21, 1409-1418.	2.4	59
25	Determination of the epoxide equivalent weight of epoxy resins based on diglycidyl ether of bisphenol A (DGEBA) by proton nuclear magnetic resonance. <i>Polymer Testing</i> , 2003, 22, 51-56.	2.3	58
26	Structural, Electrical, Mechanical, and Thermal Properties of Electrospun Poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 If 50 462Td (acid)	1.7	57
27	Ionic liquids: A New Route for the Design of Epoxy Networks. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 481-490.	3.2	56
28	Conductive polyanilineâ€“SBS blends prepared in solution. <i>Synthetic Metals</i> , 2001, 123, 443-449.	2.1	54
29	Microstructure and free volume evaluation of poly(vinyl alcohol) nanocomposite hydrogels. <i>European Polymer Journal</i> , 2007, 43, 4882-4890.	2.6	54
30	Synthesis of conductive adhesives based on epoxy resin and polyaniline.DBSA using the in situ polymerization and physical mixing procedures. <i>Synthetic Metals</i> , 2010, 160, 1981-1986.	2.1	54
31	Flexible magnetic membranes based on bacterial cellulose and its evaluation as electromagnetic interference shielding material. <i>Materials Science and Engineering C</i> , 2013, 33, 3994-4001.	3.8	54
32	Conducting SBS block copolymer-polyaniline blends prepared by mechanical mixing. <i>Journal of Applied Polymer Science</i> , 2001, 80, 626-633.	1.3	53
33	Electrical conductivity in carbon black-loaded polystyrene-polyisoprene blends. Selective localization of carbon black at the interface. <i>Polymer Bulletin</i> , 1995, 35, 223-228.	1.7	52
34	X-ray photoelectron spectroscopy and electrical conductivity of polyaniline doped with dodecylbenzenesulfonic acid as a function of the synthetic method. <i>Journal of Applied Polymer Science</i> , 2001, 80, 556-565.	1.3	51
35	Natural Brazilian Amazonic (CurauÃ¡j) Fibers Modified with Polyaniline Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 484-491.	1.7	50
36	Electrically conductive, melt-processed polyaniline/EVA blends. <i>Journal of Applied Polymer Science</i> , 2001, 82, 114-123.	1.3	48

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37	Hybrid polyaniline-coated sepiolite nanofibers for electrorheological fluid applications. <i>Synthetic Metals</i> , 2013, 185-186, 9-16.	2.1	47
38	Modification of epoxy resin by isocyanate-terminated polybutadiene. <i>Journal of Applied Polymer Science</i> , 2002, 83, 838-849.	1.3	46
39	Electrorheological and dielectric behavior of new ionic liquid/silica systems. <i>Journal of Colloid and Interface Science</i> , 2013, 405, 64-70.	5.0	45
40	Nanostructured thermosets from ionic liquid building block-epoxy prepolymer mixtures. <i>RSC Advances</i> , 2014, 4, 28099-28106.	1.7	45
41	Development of Sustainable Thermosets from Cardanol-based Epoxy Prepolymer and Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8429-8438.	3.2	44
42	Blends of styrene butadiene styrene TRI block copolymer/polyaniline-Characterization by WAXS. <i>Polymer</i> , 2006, 47, 2163-2171.	1.8	42
43	Influence of curing agent and compatibilizer on the physicochemical properties of polypropylene/nitrile butadiene rubber blends investigated by positron annihilation lifetime technique. <i>Journal of Applied Polymer Science</i> , 2006, 102, 4672-4681.	1.3	42
44	Degradation of non-vulcanized natural rubber renewable resource for fine chemicals used in polymer synthesis. <i>Polimeros</i> , 2013, 23, 441-450.	0.2	42
45	Electromagnetic interference shielding effectiveness and microwave absorption properties of thermoplastic polyurethane/montmorillonite-epoxy/ppyrrrole nanocomposites. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1377-1384.	1.6	42
46	Characterization of nanostructured epoxy networks modified with isocyanate-terminated liquid polybutadiene. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 338-346.	5.0	41
47	Effect of compatibilizer and curing system on the thermal degradation of natural rubber/EVA copolymer blends. <i>Polymer Degradation and Stability</i> , 1996, 52, 95-99.	2.7	40
48	Long-term behavior of epoxy/graphene-based composites determined by dynamic mechanical analysis. <i>Journal of Materials Science</i> , 2015, 50, 6407-6419.	1.7	40
49	Characterization of sulfonated poly(styrene-divinylbenzene) and poly(divinylbenzene) and its application as catalysts in esterification reaction. <i>Journal of Applied Polymer Science</i> , 2006, 102, 3616-3627.	1.3	39
50	Conductive epoxy/amine system containing polyaniline doped with dodecylbenzenesulfonic acid. <i>Journal of Applied Polymer Science</i> , 2006, 100, 4059-4065.	1.3	38
51	Phosphonium-based ionic liquid as dispersing agent for MWCNT in melt-mixing polystyrene blends: Rheology, electrical properties and EMI shielding effectiveness. <i>Materials Chemistry and Physics</i> , 2017, 189, 162-168.	2.0	38
52	Electrical Conductivity of Polystyrene-Rubber Blends Loaded with Carbon Black. <i>Rubber Chemistry and Technology</i> , 1997, 70, 60-70.	0.6	37
53	A Sensor for Acid Concentration Based on Cellulose Paper Sheets Modified with Polyaniline Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 739-748.	1.7	37
54	Dynamic-mechanical and dielectric relaxations of SBS block copolymer: polyaniline blends prepared by mechanical mixing. <i>Polymer</i> , 2002, 43, 7505-7513.	1.8	36

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55	Production of montmorillonite/polypyrrole nanocomposites through in situ oxidative polymerization of pyrrole: Effect of anionic and cationic surfactants on structure and properties. <i>Applied Clay Science</i> , 2015, 104, 160-167.	2.6	36
56	Effect of double percolation on the electrical properties and electromagnetic interference shielding effectiveness of carbonâ€loaded polystyrene/ethylene vinyl acetate copolymer blends. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	36
57	Solution-cast blends of polyanilineâ€DBSA with EVA copolymers. <i>Synthetic Metals</i> , 2002, 130, 239-245.	2.1	35
58	Influence of plasticizers (DOP and CNSL) on mechanical and electrical properties of SBS/polyaniline blends. <i>Polymer</i> , 2006, 47, 7548-7553.	1.8	35
59	In situ polymerization of aniline in the presence of carbon black. <i>Journal of Applied Polymer Science</i> , 2006, 102, 535-541.	1.3	35
60	Evaluation of electrical properties of SBS/Pani blends plasticized with DOP and CNSL using an empirical statistical model. <i>Polymer Testing</i> , 2007, 26, 720-728.	2.3	35
61	Mercapto-modified copolymers in elastomer blends. IV. The compatibilization of natural rubber/EPDM blends. <i>Journal of Applied Polymer Science</i> , 2002, 83, 2892-2900.	1.3	34
62	Electrical surface resistivity of conductive polymers â€ A non-Gaussian approach for determination of confidence intervals. <i>European Polymer Journal</i> , 2008, 44, 3908-3914.	2.6	34
63	Combined analytical techniques for the determination of the amine hydrogen equivalent weight in aliphatic amine epoxide hardeners. <i>Polymer Testing</i> , 2007, 26, 95-101.	2.3	33
64	Poly(vinylidene fluoride-co-hexafluoropropylene)/polyaniline blends assisted by phosphonium â€ Based ionic liquid: Dielectric properties and Î²-phase formation. <i>European Polymer Journal</i> , 2015, 73, 65-74.	2.6	33
65	Dual-role of phosphonium â€ Based ionic liquid in epoxy/MWCNT systems: Electric, rheological behavior and electromagnetic interference shielding effectiveness. <i>European Polymer Journal</i> , 2016, 84, 77-88.	2.6	33
66	The effect of mercapto- and thioacetate-modified EPDM on the curing parameters and mechanical properties of natural rubber/EPDM blends. <i>European Polymer Journal</i> , 2003, 39, 2283-2290.	2.6	32
67	EMI shielding effectiveness and dielectrical properties of SBS/PAni.DBSA blends: Effect of blend preparation. <i>Journal of Applied Polymer Science</i> , 2012, 125, 1476-1485.	1.3	32
68	Ionic liquidsâ€lignin combination: an innovative way to improve mechanical behaviour and water vapour permeability of eco-designed biodegradable polymer blends. <i>RSC Advances</i> , 2015, 5, 1989-1998.	1.7	32
69	Toughening of Epoxy/Ionic Liquid Networks with Thermoplastics Based on Poly(2,6-dimethyl-1,4-phenylene ether) (PPE). <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1153-1164.	3.2	32
70	Conducting melt blending of polystyrene and <sc>EVA</sc> copolymer with carbon nanotube assisted by phosphoniumâ€based ionic liquid. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45564.	1.3	32
71	The effect of the noncovalent functionalization of CNT by ionic liquid on electrical conductivity and electromagnetic interference shielding effectiveness of semiâ€biodegradable polypropylene/poly(lactic) Tj ETQq1 1x03784314zgBT /Ove		
72	The use of EVA-containing mercapto groups in natural rubber-EVA blends. II. The effect of curing system on mechanical and thermal properties of the blends. <i>Journal of Applied Polymer Science</i> , 1996, 61, 591-598.	1.3	31

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73	Graft copolymers from modified ethylene-vinyl acetate (EVA) copolymer. I. Synthesis of poly(ethylene-co-vinyl acetate-g-styrene) using EVA modified by mercaptoacetic acid as chain transfer agent. <i>Journal of Applied Polymer Science</i> , 1993, 47, 1411-1418.	1.3	30
74	The compatibilization of SBR/EVA by mercapto-modified EVA. <i>European Polymer Journal</i> , 2001, 37, 1577-1585.	2.6	30
75	Adhesive properties of epoxy resin modified by end-functionalized liquid polybutadiene. <i>Journal of Applied Polymer Science</i> , 2004, 93, 2370-2378.	1.3	30
76	Preparation of a semi-conductive thermoplastic elastomer vulcanizate based on EVA and NBR blends with polyaniline. <i>Polymer Testing</i> , 2007, 26, 692-697.	2.3	30
77	Electrically Conductive Polyaniline-Coated Electrospun Poly(Vinylidene Fluoride) Mats. <i>Frontiers in Materials</i> , 2015, 2, .	1.2	30
78	The effect of mercapto-modified EVA on rheological and dynamic mechanical properties of NBR/EVA blends. <i>Journal of Applied Polymer Science</i> , 2002, 84, 2335-2344.	1.3	29
79	Grafting of polymethyl methacrylate from poly(ethylene-co-vinylacetate) copolymer using atom transfer radical polymerization. <i>European Polymer Journal</i> , 2002, 38, 759-769.	2.6	29
80	Thermally stable conducting composites based on a carbon black-filled polyoxadiazole matrix. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1631-1637.	1.3	29
81	Organically modified silica (ORMOSIL) bearing imidazolium - Based ionic liquid prepared by hydrolysis/co-condensation of silane precursors: Synthesis, characterization and use in epoxy networks. <i>European Polymer Journal</i> , 2016, 83, 311-322.	2.6	29
82	Sepiolite modified with phosphonium ionic liquids as anticorrosive pigment for epoxy coatings. <i>Applied Clay Science</i> , 2021, 200, 105890.	2.6	29
83	Mercapto-modified copolymers in polymer blends, 1. Functionalization of EPDM with mercapto groups and its use in NBR/EPDM blends. <i>Macromolecular Rapid Communications</i> , 1999, 20, 526-531.	2.0	28
84	A novel thermoplastic elastomer based on dynamically vulcanized polypropylene/acrylic rubber blends. <i>EXPRESS Polymer Letters</i> , 2008, 2, 602-613.	1.1	28
85	INTERACTION OF ASPHALT WITH GROUND TIRE RUBBER. <i>Petroleum Science and Technology</i> , 1999, 17, 1071-1088.	0.7	27
86	Methodology for determination of Pani.DBSA content in conductive blends by using UV-Vis spectrometry. <i>Polymer Testing</i> , 2006, 25, 512-517.	2.3	27
87	Effect of water absorption on the thermal-mechanical properties of HTPB modified DGEBA-based epoxy systems. <i>Polymer Testing</i> , 2007, 26, 262-267.	2.3	27
88	Effect of preparation method on nanoscopic structure of conductive SBS/PANI blends: Study using small-angle X-ray scattering. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 3069-3077.	2.4	27
89	Influence of different concentrations of N-phenylaminopropyl - POSS on the thermodynamic fragility of the cured epoxy resin. <i>Polymer</i> , 2013, 54, 2292-2298.	1.8	27
90	Preparation of Epoxy/Jeffamine Networks Modified With Phosphonium Based Ionic Liquids. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 312-319.	1.7	27

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91	Conducting epoxy networks modified with non-covalently functionalized multi-walled carbon nanotube with imidazolium-based ionic liquid. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	27
92	Hybrid composites of <sc>ABS</sc> with carbonaceous fillers for electromagnetic shielding applications. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46546.	1.3	27
93	Structuration of ionic liquids in a poly(butylene-adipate-co-terephthalate) matrix: its influence on the water vapour permeability and mechanical properties. <i>Green Chemistry</i> , 2014, 16, 3758-3762.	4.6	26
94	Dual functions of ILs in the core-shell particle reinforced epoxy networks: Curing agent vs dispersion aids. <i>Composites Science and Technology</i> , 2017, 140, 30-38.	3.8	26
95	Effect of mercapto-modified ethylene-vinyl acetate on the curing parameters and mechanical and dynamic mechanical properties of vulcanized nitrile rubber/ethylene-vinyl acetate blends. <i>Journal of Applied Polymer Science</i> , 2003, 90, 2391-2399.	1.3	25
96	The characterization of PP/NBR blends by positron annihilation lifetime spectroscopy (PALS): The effect of composition and dynamic vulcanization. <i>Polymer Testing</i> , 2007, 26, 88-94.	2.3	25
97	Synthesis of polyaniline/camphor sulfonic acid in formic acid medium and their blends with polyamide-6 by in situ polymerization. <i>Synthetic Metals</i> , 2009, 159, 1491-1495.	2.1	25
98	New Epoxy/Jeffamine networks modified with ionic liquids. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	25
99	Silylated montmorillonite as nanofillers for plasticized PVC nanocomposites: Effect of the plasticizer. <i>Applied Clay Science</i> , 2014, 99, 93-99.	2.6	25
100	Ionic liquids as reactive additives for the preparation and modification of epoxy networks. <i>Journal of Polymer Science Part A</i> , 2014, 52, n/a-n/a.	2.5	25
101	Epoxy-Fiber of Peach Palm Trees Composites: The Effect of Composition and Fiber Modification on Mechanical and Dynamic Mechanical Properties. <i>Journal of Polymers and the Environment</i> , 2017, 25, 913-924.	2.4	25
102	Effect of sepiolite on the physical properties and swelling behavior of rifampicin-loaded nanocomposite hydrogels. <i>EXPRESS Polymer Letters</i> , 2009, 3, 518-524.	1.1	25
103	SBS/Pani-DBSA mixture plasticized with DOP and NCLS - Effect of the plasticizers on the probability density of volume resistivity measurements. <i>European Polymer Journal</i> , 2007, 43, 2007-2016.	2.6	24
104	Dynamically vulcanized polypropylene/nitrile rubber blends: The effect of peroxide/bis-maleimide curing system and different compatibilizing systems. <i>Journal of Applied Polymer Science</i> , 2008, 110, 3566-3573.	1.3	24
105	Silica prepared in the presence of alkylphosphonium-based ionic liquids and its performance in electrorheological fluids. <i>RSC Advances</i> , 2014, 4, 50925-50931.	1.7	24
106	DBSA-CTAB mixture as the surfactant system for the one step inverse emulsion polymerization of aniline: Characterization and blend with epoxy resin. <i>Synthetic Metals</i> , 2017, 226, 139-147.	2.1	24
107	Modification of anionic and cationic clays by zwitterionic imidazolium ionic liquid and their effect on the epoxy-based nanocomposites. <i>Applied Clay Science</i> , 2017, 135, 347-354.	2.6	24
108	Graft Copolymer from Modified Ethylene-Vinyl Acetate (EVA) Copolymers. 3. Poly(EVA-g-Methyl Tj ETQq0 0 0 rgBJ /Overlock 10 Tf 50	2.2	23

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109	Solvent effect in cis-1,4 polymerization of 1,3-butadiene by a catalyst based on neodymium. <i>European Polymer Journal</i> , 2004, 40, 635-640.	2.6	23
110	Performance evaluation of high-cis 1,4-polybutadienes. <i>Journal of Applied Polymer Science</i> , 2006, 99, 88-99.	1.3	23
111	SBS/Polyaniline or Carbon Black System: Finding the Optimal Process and Molding Temperatures Through Experimental Design. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 463-469.	1.7	23
112	Bronsted acidic ionic liquids: New transesterification agents for the compatibilization of polylactide/ethylene-co-vinyl acetate blends. <i>European Polymer Journal</i> , 2017, 97, 104-111.	2.6	23
113	Silica-polyaniline hybrid materials prepared by inverse emulsion polymerization for epoxy-based anticorrosive coating. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45505.	1.3	23
114	Effect of Blend Preparation on Electrical, Dielectric, and Dynamical-Mechanical Properties of Conducting Polymer Blend: SBS Triblock Copolymer/Polyaniline. <i>Macromolecular Materials and Engineering</i> , 2007, 292, 354-361.	1.7	22
115	New polyaniline/polycardanol conductive blends characterized by FTIR, NIR, and XPS. <i>Polymer Engineering and Science</i> , 2008, 48, 1947-1952.	1.5	22
116	Electrically conductive composites of polyurethane derived from castor oil with polypyrrole-coated peach palm fibers. <i>Polymer Composites</i> , 2017, 38, 2146-2155.	2.3	22
117	Use of EVA-containing mercapto groups in natural rubber-EVA blends. I. Mechanical, thermal, and morphological properties. <i>Journal of Applied Polymer Science</i> , 1995, 58, 101-107.	1.3	21
118	Melt functionalization of EVA copolymers with maleic anhydride. <i>Journal of Applied Polymer Science</i> , 1999, 72, 1799-1806.	1.3	21
119	Influence of reaction media on pressure sensitivity of polyanilines doped with DBSA. <i>Journal of Applied Polymer Science</i> , 2008, 107, 2404-2413.	1.3	21
120	Electrospinning of Polyaniline/Poly(Lactic Acid) Ultrathin Fibers: Process and Statistical Modeling using a Non-Gaussian Approach. <i>Macromolecular Theory and Simulations</i> , 2009, 18, 528-536.	0.6	21
121	The effect of addition of acrylic acid and thioglycolic acid on the nanostructure and thermal stability of PMMA-montmorillonite nanocomposites. <i>Applied Clay Science</i> , 2010, 47, 414-420.	2.6	21
122	Studies on thermal-oxidative degradation behaviours of raw natural rubber: PRI and thermogravimetry analysis. <i>Plastics, Rubber and Composites</i> , 2013, 42, 334-339.	0.9	21
123	Mercapto-modified copolymers in polymer blends. III. The effect of functionalized ethylene-propylene-diene rubber (EPDM) on curing and mechanical properties of NBR/EPDM blends. <i>Journal of Applied Polymer Science</i> , 2001, 82, 38-52.	1.3	20
124	Relaxation phenomena in the glass transition of epoxy/N-phenylaminopropyl POSS nanocomposites. <i>Polymer</i> , 2012, 53, 5798-5805.	1.8	20
125	Ionic liquid-based organically modified silica for the development of new electrorheological fluids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 311-319.	2.3	20
126	Epoxy/imidazolium-based ionic liquid systems: The effect of the hardener on the curing behavior, thermal stability, and microwave absorbing properties. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48326.	1.3	20

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127	Poly(vinylidene fluoride-co-hexafluoropropylene)/polyaniline conductive blends: Effect of the mixing procedure on the electrical properties and electromagnetic interference shielding effectiveness. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49705.	1.3	20
128	Relationships between nanostructure and dynamic-mechanical properties of epoxy network containing PMMA-modified silsesquioxane. <i>EXPRESS Polymer Letters</i> , 2009, 3, 340-351.	1.1	20
129	Microwave dielectric properties and EMI shielding effectiveness of poly(styrene-co-styrene). <i>Engineering and Science</i> , 2012, 52, 2041-2048.	1.5	19
130	Novel electrically conductive polyurethane/montmorillonite-polypyrrole nanocomposites. <i>EXPRESS Polymer Letters</i> , 2015, 9, 945-958.	1.1	19
131	Polystyrene/EVA melt blends compatibilized with EVA-graft-polystyrene. <i>Journal of Applied Polymer Science</i> , 1997, 65, 2141-2149.	1.3	18
132	Polyblend fibers from polypropylene and mercapto-modified EVA. <i>Journal of Applied Polymer Science</i> , 1997, 66, 2243-2249.	1.3	18
133	Reactive Compatibilization of NBR/EPDM Blends by the Combination of Mercapto and Oxazoline Groups. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 465-475.	1.1	18
134	Anisotropic reinforcement of epoxy-based nanocomposites with aligned magnetite-sepiolite hybrid nanofiller. <i>Composites Science and Technology</i> , 2015, 112, 34-41.	3.8	18
135	Graft copolymers from modified ethylene/vinyl acetate copolymers, 2. Synthesis of polystyrene-grafted poly[ethylene-co-(vinyl acetate)] and evaluation of its compatibilizing effect in polystyrene/poly[ethylene-co-(vinyl acetate)] blends. <i>Macromolecular Chemistry and Physics</i> , 1994, 195, 3149-3157.	1.1	17
136	Morphology and dielectric properties of an epoxy network modified by end-functionalized liquid polybutadiene. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 4053-4062.	2.4	17
137	A novel material based on polyaniline doped with [Cs][In(dmit) ₂], (cesium) [bis(1,3-dithiole-2-thione-4,5-dithiolato)indium (III)]. <i>Synthetic Metals</i> , 2007, 157, 1074-1079.	2.1	17
138	The Effect of Functionalized Ethylene Propylene Diene Rubber (EPDM) on the Kinetics of Sulfur Vulcanization of Normal Rubber/EPDM Blends. <i>Macromolecular Materials and Engineering</i> , 2007, 292, 62-69.	1.7	17
139	Toughening of Epoxy Resin by Methyl Methacrylate/Ethylhexyl Acrylate Copolymers: The Effect of Copolymer Composition. <i>Macromolecular Materials and Engineering</i> , 2007, 292, 1263-1270.	1.7	17
140	Poly(ethylene-co-vinyl alcohol-co-vinyl mercaptoacetate) (EVALSH)-determination of the vinyl mercaptoacetate content by thermogravimetric analysis and FTIR spectroscopy. <i>Polymer Bulletin</i> , 1996, 36, 593-600.	1.7	16
141	A facile and inexpensive method for the preparation of conducting polyaniline-clay composite nanofibers. <i>Synthetic Metals</i> , 2012, 162, 2087-2094.	2.1	16
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