

Bluma G Soares

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246
papers

5,446
citations

39
h-index

54
g-index

251
ext. papers

5,937
ext. citations

3.5
avg, IF

5.88
L-index

#	Paper	IF	Citations
246	Dielectric behavior of polyaniline synthesized by different techniques. <i>European Polymer Journal</i> , 2006 , 42, 676-686	5.2	147
245	Structure and properties of conducting bacterial cellulose-polyaniline nanocomposites. <i>Cellulose</i> , 2011 , 18, 1285-1294	5.5	111
244	Synthesis and properties of epoxy resin modified with epoxy-terminated liquid polybutadiene. <i>Polymer</i> , 2003 , 44, 5811-5819	3.9	111
243	Electrically conducting nanocomposites: preparation and properties of polyaniline (PANI)-coated bacterial cellulose nanofibers (BC). <i>Cellulose</i> , 2012 , 19, 1645-1654	5.5	108
242	Performance of radar absorbing materials by waveguide measurements for X- and Ku-band frequencies. <i>European Polymer Journal</i> , 2002 , 38, 2321-2327	5.2	94
241	Electrical, rheological and electromagnetic interference shielding properties of thermoplastic polyurethane/carbon nanotube composites. <i>Polymer International</i> , 2013 , 62, 1477-1484	3.3	84
240	Processing and characterization of conductive composites based on poly(styrene-b-ethylene-ran-butylene-b-styrene) (SEBS) and carbon additives: A comparative study of expanded graphite and carbon black. <i>Composites Part B: Engineering</i> , 2016 , 84, 236-247	10	80
239	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	2.6	73
238	Synthesis and Characterization of Epoxy/MCDEA Networks Modified with Imidazolium-Based Ionic Liquids. <i>Macromolecular Materials and Engineering</i> , 2011 , 296, 826-834	3.9	72
237	Development of conducting polyaniline/poly(lactic acid) nanofibers by electrospinning. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 744-753	2.9	71
236	New epoxy systems based on ionic liquid. <i>Polymer</i> , 2013 , 54, 2123-2129	3.9	70
235	Poly(vinyl alcohol)/Clay-Based Nanocomposite Hydrogels: Swelling Behavior and Characterization. <i>Macromolecular Materials and Engineering</i> , 2007 , 292, 620-626	3.9	66
234	Nanostructure and dynamic mechanical properties of silane-functionalized montmorillonite/epoxy nanocomposites. <i>Applied Clay Science</i> , 2011 , 54, 151-158	5.2	64
233	The in situ polymerization of aniline in nitrile rubber. <i>Synthetic Metals</i> , 2006 , 156, 91-98	3.6	59
232	Electromagnetic interference shielding effectiveness of ABS carbon-based composites manufactured via fused deposition modelling. <i>Materials Today Communications</i> , 2018 , 15, 70-80	2.5	58
231	Preparation of epoxy/MCDEA networks modified with ionic liquids. <i>Polymer</i> , 2012 , 53, 60-66	3.9	58
230	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	4.5	55

229	Hybrid composites based on polypropylene and carbon fiber and epoxy matrix. <i>Polymer</i> , 2000 , 41, 3841-3849	3.7	55
228	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	4.7	54
227	A methodology for studying the dependence of electrical resistivity with pressure in conducting composites. <i>Polymer Testing</i> , 2005 , 24, 998-1004	4.5	53
226	Conducting SBS block copolymer-polyaniline blends prepared by mechanical mixing. <i>Journal of Applied Polymer Science</i> , 2001 , 80, 626-633	2.9	53
225	Conductive polyaniline-SBS blends prepared in solution. <i>Synthetic Metals</i> , 2001 , 123, 443-449	3.6	53
224	Microstructure and free volume evaluation of poly(vinyl alcohol) nanocomposite hydrogels. <i>European Polymer Journal</i> , 2007 , 43, 4882-4890	5.2	52
223	Self-supported bacterial cellulose polyaniline conducting membrane as electromagnetic interference shielding material: effect of the oxidizing agent. <i>Cellulose</i> , 2014 , 21, 1409-1418	5.5	51
222	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	2.4	51
221	Electromagnetic interference shielding and electrical properties of nanocomposites based on poly(styrene-b-ethylene-ran-butylene-b-styrene) and carbon nanotubes. <i>European Polymer Journal</i> , 2016 , 77, 43-53	5.2	49
220	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	4.5	49
219	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	2.9	49
218	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	8.3	48
217	Structural, Electrical, Mechanical, and Thermal Properties of Electrospun Poly(lactic acid)/Polyaniline Blend Fibers. <i>Macromolecular Materials and Engineering</i> , 2010 , 295, 618-627	3.9	48
216	Hybrid nanocomposites of thermoplastic elastomer and carbon nanoadditives for electromagnetic shielding. <i>European Polymer Journal</i> , 2017 , 88, 328-339	5.2	47
215	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	3.6	47
214	Electrically conductive, melt-processed polyaniline/EVA blends. <i>Journal of Applied Polymer Science</i> , 2001 , 82, 114-123	2.9	44
213	Ionic liquids: A New Route for the Design of Epoxy Networks. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 481-490	8.3	43
212	Hybrid polyaniline-coated sepiolite nanofibers for electrorheological fluid applications. <i>Synthetic Metals</i> , 2013 , 185-186, 9-16	3.6	43

211	Modification of epoxy resin by isocyanate-terminated polybutadiene. <i>Journal of Applied Polymer Science</i> , 2002 , 83, 838-849	2.9	43
210	Natural Brazilian Amazonic (Curau) Fibers Modified with Polyaniline Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2009 , 294, 484-491	3.9	40
209	Blends of styrene butadiene styrene TRI block copolymer/polyaniline-Characterization by WAXS. <i>Polymer</i> , 2006 , 47, 2163-2171	3.9	40
208	Electrorheological and dielectric behavior of new ionic liquid/silica systems. <i>Journal of Colloid and Interface Science</i> , 2013 , 405, 64-70	9.3	39
207	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	4.7	39
206	Degradation of non-vulcanized natural rubber renewable resource for fine chemicals used in polymer synthesis. <i>Polimeros</i> , 2013 , 23, 441-450	1.6	37
205	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	2.9	37
204	Influence of curing agent and compatibilizer on the physicomechanical properties of polypropylene/nitrile butadiene rubber blends investigated by positron annihilation lifetime technique. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 4672-4681	2.9	37
203	Fully biodegradable composites based on poly(butylene adipate-co-terephthalate)/peach palm trees fiber. <i>Composites Part B: Engineering</i> , 2017 , 129, 117-123	10	36
202	Characterization of nanostructured epoxy networks modified with isocyanate-terminated liquid polybutadiene. <i>Journal of Colloid and Interface Science</i> , 2011 , 358, 338-46	9.3	36
201	Nanostructured thermosets from ionic liquid building block-epoxy prepolymer mixtures. <i>RSC Advances</i> , 2014 , 4, 28099-28106	3.7	34
200	Electrical Conductivity of Polystyrene-Rubber Blends Loaded with Carbon Black. <i>Rubber Chemistry and Technology</i> , 1997 , 70, 60-70	1.7	34
199	Dynamic-mechanical and dielectric relaxations of SBS block copolymer: polyaniline blends prepared by mechanical mixing. <i>Polymer</i> , 2002 , 43, 7505-7513	3.9	34
198	A Sensor for Acid Concentration Based on Cellulose Paper Sheets Modified with Polyaniline Nanoparticles. <i>Macromolecular Materials and Engineering</i> , 2009 , 294, 739-748	3.9	33
197	Solution-cast blends of polyaniline-DBSA with EVA copolymers. <i>Synthetic Metals</i> , 2002 , 130, 239-245	3.6	33
196	Long-term behavior of epoxy/graphene-based composites determined by dynamic mechanical analysis. <i>Journal of Materials Science</i> , 2015 , 50, 6407-6419	4.3	32
195	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	5.2	32
194	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	4.5	32

193	In situ polymerization of aniline in the presence of carbon black. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 535-541	2.9	32
192	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	2.9	31
191	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	2.9	30
190	Conductive epoxy/amine system containing polyaniline doped with dodecylbenzenesulfonic acid. <i>Journal of Applied Polymer Science</i> , 2006 , 100, 4059-4065	2.9	30
189	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	4.4	29
188	Development of Sustainable Thermosets from Cardanol-based Epoxy Prepolymer and Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 8429-8438	8.3	29
187	Influence of plasticizers (DOP and CNSL) on mechanical and electrical properties of SBS/polyaniline blends. <i>Polymer</i> , 2006 , 47, 7548-7553	3.9	29
186	The compatibilization of SBR/EVA by mercapto-modified EVA. <i>European Polymer Journal</i> , 2001 , 37, 1577-1585	5.28	29
185	Electrical surface resistivity of conductive polymers – A non-Gaussian approach for determination of confidence intervals. <i>European Polymer Journal</i> , 2008 , 44, 3908-3914	5.2	28
184	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	4.5	27
183	Adhesive properties of epoxy resin modified by end-functionalized liquid polybutadiene. <i>Journal of Applied Polymer Science</i> , 2004 , 93, 2370-2378	2.9	27
182	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	2.9	27
181	Grafting of polymethyl methacrylate from poly(ethylene-co-vinylacetate) copolymer using atom transfer radical polymerization. <i>European Polymer Journal</i> , 2002 , 38, 759-769	5.2	27
180	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	5.2	27
179	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	2.9	27
178	Poly(vinylidene fluoride-co-hexafluoropropylene)/polyaniline blends assisted by phosphonium Based ionic liquid: Dielectric properties and phase formation. <i>European Polymer Journal</i> , 2015 , 73, 65-74	5.2	26
177	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	2.9	26
176	Effect of double percolation on the electrical properties and electromagnetic interference shielding effectiveness of carbon-black-loaded polystyrene/ethylene vinyl acetate copolymer blends. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	26

175	Dual-role of phosphonium ionic liquid in epoxy/MWCNT systems: Electric, rheological behavior and electromagnetic interference shielding effectiveness. <i>European Polymer Journal</i> , 2016 , 84, 77-88	5.2	26
174	Electromagnetic interference shielding effectiveness and microwave absorption properties of thermoplastic polyurethane/montmorillonite-polypyrrole nanocomposites. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 1377-1384	3.2	25
173	Ionic liquids&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	3.7	25
172	Preparation of a semi-conductive thermoplastic elastomer vulcanizate based on EVA and NBR blends with polyaniline. <i>Polymer Testing</i> , 2007 , 26, 692-697	4.5	25
171	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	2.6	25
170	Methodology for determination of Pani.DBSA content in conductive blends by using UV-Vis spectrometry. <i>Polymer Testing</i> , 2006 , 25, 512-517	4.5	25
169	Thermally stable conducting composites based on a carbon black-filled polyoxadiazole matrix. <i>Journal of Applied Polymer Science</i> , 2004 , 93, 1631-1637	2.9	25
168	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	4.8	25
167	Electrically Conductive Polyaniline-Coated Electrospun Poly(Vinylidene Fluoride) Mats. <i>Frontiers in Materials</i> , 2015 , 2,	4	24
166	Preparation of Epoxy/Jeffamine Networks Modified With Phosphonium Based Ionic Liquids. <i>Macromolecular Materials and Engineering</i> , 2015 , 300, 312-319	3.9	24
165	A novel thermoplastic elastomer based on dynamically vulcanized polypropylene/acrylic rubber blends. <i>EXPRESS Polymer Letters</i> , 2008 , 2, 602-613	3.4	24
164	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	2.9	24
163	INTERACTION OF ASPHALT WITH GROUND TIRE RUBBER. <i>Petroleum Science and Technology</i> , 1999 , 17, 1071-1088	1.4	24
162	Influence of different concentrations of N-phenylaminopropyl POSS on the thermodynamic fragility of the cured epoxy resin. <i>Polymer</i> , 2013 , 54, 2292-2298	3.9	23
161	Effect of water absorption on the thermal&mechanical properties of HTPB modified DGEBA-based epoxy systems. <i>Polymer Testing</i> , 2007 , 26, 262-267	4.5	23
160	Conducting melt blending of polystyrene and EVA copolymer with carbon nanotube assisted by phosphonium-based ionic liquid. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 45564	2.9	23
159	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	8.2	22
158	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	10	22

157	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	3.9	22
156	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	4.5	22
155	Effect of sepiolite on the physical properties and swelling behavior of rifampicin-loaded nanocomposite hydrogels. <i>EXPRESS Polymer Letters</i> , 2009 , 3, 518-524	3.4	22
154	Organically modified silica (ORMOSIL) bearing imidazolium α -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	5.2	21
153	New Epoxy/Jeffamine networks modified with ionic liquids. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	21
152	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	3.6	21
151	SBS/Pani/DBSA mixture plasticized with DOP and NCLS α Effect of the plasticizers on the probability density of volume resistivity measurements. <i>European Polymer Journal</i> , 2007 , 43, 2007-2016	5.2	21
150	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	3.9	21
149	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	5.2	21
148	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	2.9	21
147	Silica prepared in the presence of alkylphosphonium-based ionic liquids and its performance in electrorheological fluids. <i>RSC Advances</i> , 2014 , 4, 50925-50931	3.7	20
146	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	4.5	20
145	Electrically conductive composites of polyurethane derived from castor oil with polypyrrole-coated peach palm fibers. <i>Polymer Composites</i> , 2017 , 38, 2146-2155	3	19
144	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	3.6	19
143	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	8.6	19
142	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	5.2	19
141	Influence of reaction media on pressure sensitivity of polyanilines doped with DBSA. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 2404-2413	2.9	19
140	Melt functionalization of EVA copolymers with maleic anhydride. <i>Journal of Applied Polymer Science</i> , 1999 , 72, 1799-1806	2.9	19

139	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,	2.9	19
138	Hybrid composites of ABS with carbonaceous fillers for electromagnetic shielding applications. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46546	2.9	18
137	Silylated montmorillonite as nanofillers for plasticized PVC nanocomposites: Effect of the plasticizer. <i>Applied Clay Science</i> , 2014 , 99, 93-99	5.2	18
136	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	18
135	Silica-polyaniline hybrid materials prepared by inverse emulsion polymerization for epoxy-based anticorrosive coating. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45505	2.9	18
134	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	5.2	18
133	Polystyrene/EVA melt blends compatibilized with EVA-graft-polystyrene. <i>Journal of Applied Polymer Science</i> , 1997 , 65, 2141-2149	2.9	18
132	New polyaniline/polycardanol conductive blends characterized by FTIR, NIR, and XPS. <i>Polymer Engineering and Science</i> , 2008 , 48, 1947-1952	2.3	18
131	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	2.9	18
130	Performance evaluation of high-cis 1,4-polybutadienes. <i>Journal of Applied Polymer Science</i> , 2006 , 99, 88-99	2.9	18
129	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	2.9	18
128	Graft Copolymer from Modified Ethylene-vinyl Acetate (EVA) Copolymers. 3. Poly(EVA-g-Methyl Methacrylate) from Mercapto-Modified EVA. <i>Macromolecules</i> , 1996 , 29, 416-422	5.5	18
127	Relationships between nanostructure and dynamic-mechanical properties of epoxy network containing PMMA-modified silsesquioxane. <i>EXPRESS Polymer Letters</i> , 2009 , 3, 340-351	3.4	18
126	Relaxation phenomena in the glass transition of epoxy/N-phenylaminopropyl -POSS nanocomposites. <i>Polymer</i> , 2012 , 53, 5798-5805	3.9	17
125	Microwave dielectric properties and EMI shielding effectiveness of poly(styrene-b-styrene-butadiene-styrene) copolymer filled with PANi.Dodecylbenzenesulfonic acid and carbon black. <i>Polymer Engineering and Science</i> , 2012 , 52, 2041-2048	2.3	17
124	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	1.5	17
123	Polyblend fibers from polypropylene and mercapto-modified EVA. <i>Journal of Applied Polymer Science</i> , 1997 , 66, 2243-2249	2.9	17
122	Reactive Compatibilization of NBR/EPDM Blends by the Combination of Mercapto and Oxazoline Groups. <i>Macromolecular Chemistry and Physics</i> , 2004 , 205, 465-475	2.6	17

121	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	2.6	17
120	Novel electrically conductive polyurethane/montmorillonite-polypyrrole nanocomposites. <i>EXPRESS Polymer Letters</i> , 2015 , 9, 945-958	3.4	17
119	Anisotropic reinforcement of epoxy-based nanocomposites with aligned magnetite/sepilite hybrid nanofiller. <i>Composites Science and Technology</i> , 2015 , 112, 34-41	8.6	16
118	Toughening of Epoxy Resin by Methyl Methacrylate/2-Ethylhexyl Acrylate Copolymers: The Effect of Copolymer Composition. <i>Macromolecular Materials and Engineering</i> , 2007 , 292, 1263-1270	3.9	16
117	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	2.6	16
116	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	5.2	15
115	Facile method for synthesis of polyaniline/silica hybrid composites by simultaneous sol-gel process and in situ polymerization of aniline. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 373-381	2.3	15
114	A facile and inexpensive method for the preparation of conducting polyaniline/clay composite nanofibers. <i>Synthetic Metals</i> , 2012 , 162, 2087-2094	3.6	15
113	Influence of different percentages of N-phenylaminopropyl-β-oss on the degradation kinetic of epoxy resin. <i>Polymer Composites</i> , 2012 , 33, 1437-1444	3	15
112	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	3.9	15
111	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	2.4	15
110	The effect of the noncovalent functionalization of CNT by ionic liquid on electrical conductivity and electromagnetic interference shielding effectiveness of semi-biodegradable polypropylene/poly(lactic acid) composites. <i>Polymer Composites</i> , 2020 , 41, 82-93	3	15
109	Biobased chain extended polyurethane and its composites with silk fiber. <i>Polymer Engineering and Science</i> , 2010 , 50, 851-856	2.3	14
108	Toughening of an epoxy resin with an isocyanate-terminated polyether. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 159-166	2.9	14
107	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	3.6	14
106	The effect of mercapto-modified ethylene/vinyl acetate (EVA) on curing parameters, mechanical properties, and thermal properties of vulcanized styrene-butadiene rubber (SBR)/EVA blends. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 239-249	2.9	14
105	Cocontinuous morphologies in polystyrene/ethylene/vinyl acetate blends: The influence of the processing temperature. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 386-398	2.9	14
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