Byung Kyu Kim

List of Publications by Year
in descending order

173 papers	7,305 citations	61857 43 h-index	62479 80 g-index
173 all docs	173 docs citations	173 times ranked	5150 citing authors

#	Article	IF	Citations
1	Synthesis and properties of waterborne polyurethane/hydroxyapatite chemical hybrids. Progress in Organic Coatings, 2019, 128, 69-74.	1.9	21
2	Shape memory hyperbranched polyurethanes via thiol-ene click chemistry. Reactive and Functional Polymers, 2017, 116, 92-100.	2.0	25
3	Chemical hybridization of waterborne polyurethane with Î²-cyclodextrin by sol-gel reaction. Progress in Organic Coatings, 2017, 111, 107-111.	1.9	14
4	Waterborne polyurethane elastomer using renewable polyols. Journal of Elastomers and Plastics, 2016, 48, 47-57.	0.7	4
5	Synthesis of selfâ€healing polyurethane ureaâ€based supramolecular materials. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 468-474.	2.4	41
6	Effects of chain extender in biodegradable polyurethane foams. Journal of Polymer Engineering, 2014, 34, 555-559.	0.6	16
7	Properties of Graphene/Shape Memory Thermoplastic Polyurethane Composites Actuating by Various Methods. Materials, 2014, 7, 1520-1538.	1.3	63
8	Synthesis and properties of shape memory graphene oxide/polyurethane chemical hybrids. Polymer International, 2014, 63, 1197-1202.	1.6	13
9	Porous hydroxyapatite scaffolds containing calcium phosphate glass-ceramics processed using a freeze/gel-casting technique. Metals and Materials International, 2014, 20, 135-140.	1.8	20
10	Graphene Modified Lipophilically by Stearic Acid and its Composite With Low Density Polyethylene. Journal of Macromolecular Science - Physics, 2014, 53, 1193-1204.	0.4	182
11	Actuation design for highâ€performance shape memory polyurethanes. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 1473-1479.	2.4	6
12	Synthesis and properties of near IR induced self-healable polyurethane/graphene nanocomposites. European Polymer Journal, 2013, 49, 3889-3896.	2.6	76
13	Highâ€performance holographic polymerâ€dispersed liquid crystals by incorporating hyperbranched polymers. Journal of Polymer Science Part A, 2013, 51, 1255-1261.	2.5	9
14	Direct covalent modification of thermally exfoliated graphene forming functionalized graphene stably dispersible in water and poly(vinyl alcohol). Colloid and Polymer Science, 2013, 291, 2365-2374.	1.0	18
15	The modification of graphene with alcohols and its use in shape memory polyurethane composites. Polymer International, 2013, 62, 54-63.	1.6	36
16	Shape memory polyurethane nanocomposites with functionalized graphene. Smart Materials and Structures, 2012, 21, 075017.	1.8	61
17	Properties of Graphene/Waterborne Polyurethane Nanocomposites Cast from Colloidal Dispersion Mixtures. Journal of Macromolecular Science - Physics, 2012, 51, 197-207.	0.4	263
18	Novel cationically polymerized epoxy/poly(É›-caprolactone) polymers showing a shape memory effect. Polymer, 2012, 53, 6089-6095.	1.8	50

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19	Effect of graphene doping of holographic polymerâ€dispersed liquid crystals. Journal of Polymer Science Part A, 2012, 50, 1418-1423.	2.5	24
20	Wavelength conversion using rare earth doped oxides in polyolefin based nanocomposite films. Polymer International, 2012, 61, 943-950.	1.6	4
21	Effects of prepolymer structure in holographic polymer dispersed liquid crystal. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 938-943.	2.4	4
22	Covalent incorporation of starch derivative into waterborne polyurethane for biodegradability. Carbohydrate Polymers, 2012, 87, 1803-1809.	5.1	50
23	Blue and red dual emission nanophosphor CaMgSi2O6:Eu+; crystal structure and electronic configuration. Journal of Luminescence, 2012, 132, 659-664.	1.5	36
24	Low driving voltage holographic polymer dispersed liquid crystals with chemically incorporated graphene oxide. Journal of Materials Chemistry, 2011, 21, 19226.	6.7	29
25	Graphite oxides as effective fire retardants of epoxy resin. Macromolecular Research, 2011, 19, 66-71.	1.0	242
26	The properties of functionalized graphene sheet/poly(ethyl methacrylate) nanocomposites: The effects of preparation method. Macromolecular Research, 2011, 19, 379-384.	1.0	15
27	Functionalized graphene sheet/polyurethane nanocomposites: Effect of particle size on physical properties. Macromolecular Research, 2011, 19, 809-814.	1.0	102
28	Effects of multiwalled carbon nanotube on holographic polymer dispersed liquid crystal. Polymers for Advanced Technologies, 2011, 22, 1993-2000.	1.6	6
29	Waterborne polyurethane nanocomposites having shape memory effects. Journal of Polymer Science Part A, 2011, 49, 634-641.	2.5	59
30	Organicâ€“inorganic nanocomposites for shape memory effects. High Performance Polymers, 2011, 23, 518-525.	0.8	6
31	Photoinduced reaction of lyocell with water-soluble photoinitiator and multifunctional acrylate. Fibers and Polymers, 2010, 11, 824-831.	1.1	0
32	Thermoplastic polyurethane elastomer/thermoplastic polyolefin elastomer blends compatibilized with a polyolefinic segment in TPU. Macromolecular Research, 2010, 18, 177-184.	1.0	18
33	Effect of pyrene treatment on the properties of graphene/epoxy nanocomposites. Macromolecular Research, 2010, 18, 1125-1128.	1.0	22
34	Crosslinking reactions of oxidized cellulose fiber. I. Reactions between dialdehyde cellulose and multifunctional amines on lyocell fabric. Journal of Applied Polymer Science, 2010, 117, 682-690.	1.3	33
35	Maleic anhydride grafted polyethylene powder coated with epoxy resin: A novel reactive hot melt adhesive. Journal of Applied Polymer Science, 2010, 116, 328-332.	1.3	5
36	High solid and high performance UV cured waterborne polyurethanes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 370, 58-63.	2.3	41

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37	Properties of Waterborne Polyurethane/Functionalized Graphene Sheet Nanocomposites Prepared by an in situ Method. Macromolecular Chemistry and Physics, 2009, 210, 1247-1254.	1.1	267
38	Mechanical and surface properties and hydrolytic stability of cycloaliphatic polyester-based waterborne polyurethanes modified with fluoro oligomer. Journal of Applied Polymer Science, 2009, 111, 1828-1834.	1.3	9
39	Reactive hot melt polyurethane adhesives modified by acrylic copolymer nanocomposites. Macromolecular Research, 2009, 17, 879-885.	1.0	11
40	Compatibilizing effect of graphite oxide in graphene/PMMA nanocomposites. Macromolecular Research, 2009, 17, 626-629.	1.0	25
41	Holographic polymerâ€dispersed liquid crystals using vinyloxytrimethylsilane. Polymer International, 2009, 58, 171-176.	1.6	5
42	Morphological and physical properties of a thermoplastic polyurethane reinforced with functionalized graphene sheet. Polymer International, 2009, 58, 412-417.	1.6	230
43	Interface modification of polymer stabilized cholesteric liquid crystal. Polymers for Advanced Technologies, 2009, 20, 501-506.	1.6	4
44	Rheological properties of UHMWPE/iPP blends. Polymers for Advanced Technologies, 2009, 20, 1121-1126.	1.6	21
45	Holographic polymer dispersed liquid crystals using vinyltrimethoxysilane. Optics Communications, 2009, 282, 1541-1545.	1.0	3
46	The Properties of Reactive Hot Melt Polyurethane Adhesives: Effects of Molecular Weight and Reactive Organoclay. Polymer-Plastics Technology and Engineering, 2009, 48, 932-938.	1.9	6
47	Shape memory polyurethanes cross-linked by surface modified silica particles. Journal of Materials Chemistry, 2009, 19, 1166.	6.7	72
48	Effect of isocyanate index on the properties of rigid polyurethane foams blown by HFC 365mfc. Macromolecular Research, 2008, 16, 467-472.	1.0	50
49	Design of holographic polymerâ€dispersed liquid crystals based on solubility parameters. Polymer International, 2008, 57, 626-631.	1.6	6
50	Effects of the hydroxyl value of polyol in rigid polyurethane foams. Polymers for Advanced Technologies, 2008, 19, 1729-1734.	1.6	35
51	Effects of initiator type in rigid polyurethane foams. Polymer Engineering and Science, 2008, 48, 1518-1523.	1.5	8
52	Holographicâ€polymerâ€dispersed liquid crystals doped with poly(vinyl carbazole)â€“fullerene. Journal of Applied Polymer Science, 2008, 109, 3108-3113.	1.3	2
53	Effects of the functionality of polyol in rigid polyurethane foams. Journal of Applied Polymer Science, 2008, 110, 49-54.	1.3	23
54	UV curable polyurethane dispersions from polyisocyanate and organosilane. Progress in Organic Coatings, 2008, 62, 258-264.	1.9	43

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55	Effect of Blowing Agent Type in Rigid Polyurethane Foam. Journal of Macromolecular Science - Pure and Applied Chemistry, 2008, 45, 323-327.	1.2	24
56	Improved Adhesion of Waterborne Polyurethanes by Hybridizations. Journal of Adhesion, 2008, 84, 1-14.	1.8	10
57	Compatibilizing Effects of In Situ Formed Block Copolymers in Binary Blends. Polymer-Plastics Technology and Engineering, 2008, 47, 745-751.	1.9	2
58	Polyurethane nano-composite with functionalized silica particle. Composite Interfaces, 2008, 15, 549-559.	1.3	9
59	Transmission holographic polymerâ€dispersed liquid crystal based on fluorinated polymer matrices. Liquid Crystals, 2008, 35, 987-994.	0.9	7
60	Holographic PDLC Containing Fluorine Segments. Bulletin of the Chemical Society of Japan, 2008, 81, 773-777.	2.0	2
61	The effect of organoclay on the properties of a reactive hot melt polyurethane adhesive. Composite Interfaces, 2007, 14, 467-476.	1.3	9
62	Morphology and switching of holographic gratings containing an azo dye. Liquid Crystals, 2007, 34, 527-533.	0.9	13
63	Photoswitching of holographic polymerâ€dispersed liquid crystals doped with chiral dopant. Liquid Crystals, 2007, 34, 1115-1120.	0.9	1
64	Shape memory effects of molded flexible polyurethane foam. Smart Materials and Structures, 2007, 16, 2486-2491.	1.8	22
65	Characterization and property correlations of amorphous poly(alpha olefin). Journal of Applied Polymer Science, 2007, 105, 469-476.	1.3	2
66	Synthesis and characterizations of waterborne polyurethaneâ€“silica hybrids using solâ€“gel process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 302, 559-567.	2.3	132
67	Hydrolytic stability and physical properties of waterborne polyurethane based on hydrolytically stable polyol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 305, 126-131.	2.3	32
68	Surface modification of high heat resistant UV cured polyurethane dispersions. European Polymer Journal, 2007, 43, 4271-4278.	2.6	11
69	High performance UV cured polyurethane dispersion. Polymer Degradation and Stability, 2007, 92, 1677-1681.	2.7	32
70	Dual effects of fullerene doped to holographic polymer dispersed liquid crystals. Journal of Polymer Science Part A, 2007, 45, 5590-5596.	2.5	13
71	High performance UV curable polyurethane dispersions by incorporating multifunctional extender. Progress in Organic Coatings, 2007, 60, 17-23.	1.9	32
72	Polyurethane acrylateâ€stabilized cholesteric liquid crystal dispersions. Liquid Crystals, 2006, 33, 469-478.	0.9	2

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73	Surface modification of waterborne polyurethane. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 290, 178-185.	2.3	56
74	Effect of oligomeric surface modifying agent on electro-optical properties of polymer dispersed liquid crystal. European Polymer Journal, 2006, 42, 2667-2671.	2.6	11
75	Styrenic polymer/organoclay nanocomposite prepared viain-situ polymerization with an azoinitiator linked to an epoxy oligomer. Macromolecular Research, 2006, 14, 610-616.	1.0	9
76	Electrochemical behavior of a new type of perfluorinated carboxylate membrane/platinum composite. Journal of Applied Polymer Science, 2006, 99, 2687-2693.	1.3	26
77	Preparation of Holographic Gratings of Liquid Crystals Dispersed in Polyurethane Acrylates under Controlled Reaction Conditions. ChemPhysChem, 2006, 7, 2008-2014.	1.0	8
78	Nanosized-Silica-Reinforced Holographic Polymer-Dispersed Liquid Crystals. Macromolecular Rapid Communications, 2006, 27, 553-557.	2.0	35
79	Controls of solubility parameter and crosslinking density in polyurethane acrylate based holographic polymer dispersed liquid crystal. Optics Communications, 2005, 247, 125-132.	1.0	30
80	Enhancement of hydrolytic stability and adhesion of waterborne polyurethanes. Journal of Applied Polymer Science, 2005, 97, 1961-1969.	1.3	91
81	Structured polyurethanes for oil uptake. Journal of Applied Polymer Science, 2005, 98, 2080-2087.	1.3	16
82	Preparations and Properties of Waterborne Polyurethane / Nanosilica Composites. Polymer Bulletin, 2005, 54, 123-128.	1.7	35
83	Holographic polymer-dispersed liquid crystal fabrication under electric field. Polymer International, 2005, 54, 922-925.	1.6	9
84	High-Performance Transmission Holographic Gratings via Different Polymerization Rates of Dipentaerythritol Acrylates and Siloxane-Containing Epoxides. Chemistry of Materials, 2005, 17, 6263-6271.	3.2	49
85	Shape memory polyurethanes having crosslinks in soft and hard segments. Smart Materials and Structures, 2004, 13, 1345-1350.	1.8	65
86	Temperatureâ€Sensitive Amorphous Polyurethanes. Journal of Macromolecular Science - Physics, 2004, 43, 447-458.	0.4	13
87	Improvement of holographic performance by novel photopolymer systems with siloxane-containing epoxides. Science and Technology of Advanced Materials, 2004, 5, 319-323.	2.8	27
88	Preparation and characterization of electroactive acrylic polymer-platinum composites. Macromolecular Research, 2004, 12, 593-597.	1.0	10
89	Reactive melt blends of thermoplastic polyolefins, MAH-g-PP and nylon 6. Polymers for Advanced Technologies, 2004, 15, 419-424.	1.6	12
90	Thermal properties and crystallization behavior of polyolefin ternary blends. Polymer Engineering and Science, 2004, 44, 1858-1865.	1.5	6

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91	Diffraction grating in noncrosslinked polymers. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 613-620.	2.4	15
92	Reactive blends of polyamide 6 with polyester elastomer using coupling agents. Journal of Applied Polymer Science, 2004, 91, 3966-3973.	1.3	7
93	Modification of polystyrene by reactive extrusion with peroxide and trimethylolpropane triacrylate. Journal of Applied Polymer Science, 2004, 92, 1672-1679.	1.3	10
94	Reflective Holographic Polymerâ€Dispersed Liquid Crystal Films Based on Polyurethane Acrylates. Journal of Macromolecular Science - Physics, 2004, 43, 833-843.	0.4	1
95	Properties of waterborne polyurethane/nanosilica composite. Macromolecular Research, 2003, 11, 198-201.	1.0	31
96	Polyurethane-poly(methyl methacrylate) block copolymer dispersions through polyurethane macroiniferters. Journal of Applied Polymer Science, 2003, 88, 1971-1975.	1.3	4
97	Morphology and properties of waterborne polyurethane/clay nanocomposites. European Polymer Journal, 2003, 39, 85-91.	2.6	252
98	Reflective mode of HPDLC with various structures of polyurethane acrylates. Polymer, 2003, 44, 1595-1602.	1.8	31
99	Characterization of Photochromic Azobenzene Derivatives in the Liquid Crystalline Matrix. Molecular Crystals and Liquid Crystals, 2002, 377, 309-312.	0.4	0
100	Fabrication of reflective holographic gratings with polyurethane acrylate (PUA). Current Applied Physics, 2002, 2, 249-252.	1.1	17
101	Electro-optic properties of CO2 fixed-polymer/nematic LC composite films. Journal of Applied Polymer Science, 2001, 81, 2744-2753.	1.3	9
102	Modification of aqueous polyurethanes via latex AB crosslinked polymers. Journal of Applied Polymer Science, 2001, 82, 1315-1322.	1.3	18
103	Miscibility and shape memory effect of thermoplastic polyurethane blends with phenoxy resin. European Polymer Journal, 2001, 37, 2245-2252.	2.6	81
104	Miscibility and shape memory property of poly(vinyl chloride)/thermoplastic polyurethane blends. Journal of Materials Science, 2001, 36, 5457-5463.	1.7	71
105	Fabrication of Reflective Holographic PDLC for Blue. Molecular Crystals and Liquid Crystals, 2001, 368, 77-85.	0.3	1
106	Optimization of Holographic PDLC for Green. Molecular Crystals and Liquid Crystals, 2001, 368, 87-96.	0.3	2
107	Temperature sensitive water vapour permeability and shape memory effect of polyurethane with crystalline reversible phase and hydrophilic segments. Polymer International, 2000, 49, 1714-1721.	1.6	87
108	Compatibility of poly(vinylidene fluoride) (PVDF)/polyamide 12 (PA12) blends. Journal of Applied Polymer Science, 2000, 78, 1374-1380.	1.3	20

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109	Morphology and physical properties of SAN/NBR blends: The effect of AN content in NBR. Journal of Applied Polymer Science, 2000, 78, 1861-1868.	1.3	10
110	Shape-memory behavior of segmented polyurethanes with an amorphous reversible phase: The effect of block length and content. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 2652-2657.	2.4	128
111	Water vapor permeability of shape memory polyurethane with amorphous reversible phase. Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 3009-3017.	2.4	97
112	Shape memory polyurethane containing amorphous reversible phase. Journal of Materials Science, 2000, 35, 1579-1583.	1.7	117
113	Morphology and Physical Properties of ABS/NBR: The Effect of Melt Viscosity of SAN and the Content of NBR. Journal of Macromolecular Science - Physics, 2000, 39, 691-700.	0.4	5
114	Study on the Shape Memory Polyamides. Synthesis and Thermomechanical Properties of Polycaprolactone-Polyamide Block Copolymer. Polymer Journal, 2000, 32, 23-28.	1.3	41
115	Morphology and physical properties of SAN/NBR blends: The effect of AN content and melt viscosity of SAN. , 1999, 73, 935-941.		6
116	UV-curable poly(ethylene glycol)-based polyurethane acrylate hydrogel. Journal of Polymer Science Part A, 1999, 37, 2703-2709.	2.5	40
117	Optimization of Holographic PDLC for Binary Monomers. Molecular Crystals and Liquid Crystals, 1999, 326, 319-331.	0.3	14
118	Polyurea-reinforced polyacrylonitrile. Journal of Macromolecular Science - Physics, 1999, 38, 367-378.	0.4	1
119	Copolymer composition-dependent light transmission of polymer/liquid crystals composite films. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 55-64.	2.4	17
120	Effect of monoacrylate type in UV curable PU acrylate based bicontinuous polymer/liquid crystal networks. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 1393-1399.	2.4	17
121	Effect of prepolymer structure on the electro-optic performance of polymer dispersed liquid crystals. Polymer International, 1998, 46, 143-149.	1.6	27
122	Compatibility enhancement of ABS/PVC blends. Journal of Applied Polymer Science, 1998, 70, 705-709.	1.3	31
123	Multi-block copolymer dispersions through polyurethane macroiniferters. Polymer Bulletin, 1998, 40, 675-681.	1.7	7
124	Polyurethane ionomers having shape memory effects. Polymer, 1998, 39, 2803-2808.	1.8	212
125	Polymer network liquid crystals from u.v. curable polyurethane acrylate. Polymer, 1998, 39, 5949-5959.	1.8	27
126	Electron Magnetic Resonance Study on the Mobility of Nitroxide Spin Probes in the Dipalmitoylphosphatidylcholine Lipid Bilayers: Effect of Poly(ethylene glycol). Langmuir, 1998, 14, 5184-5187.	1.6	8

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127	Aminated polyacrylonitrile blends with cellulose acetate. Journal of Macromolecular Science - Physics, 1997, 36, 667-679.	0.4	7
128	Structureâ€property behavior of polyurethanes, polyurethane ionomers, and their acrylates. Macromolecular Symposia, 1997, 118, 195-198.	0.4	7
129	Natural rubber blends with epoxidized natural rubber. Journal of Macromolecular Science - Physics, 1997, 36, 579-594.	0.4	8
130	Preparation and Properties of Water-borne Polyurethanes. Polymer International, 1997, 42, 67-76.	1.6	86
131	Studies on thermally stimulated shape memory effect of segmented polyurethanes. Journal of Applied Polymer Science, 1997, 64, 1511-1516.	1.3	199
132	Modified polyacrylonitrile blends with cellulose acetate: Fibers' properties. Journal of Applied Polymer Science, 1997, 64, 1937-1946.	1.3	9
133	Polyurethane ionomer dispersions from poly(neopentylene phthalate) glycol and isophorone diisocyanate. Polymer, 1996, 37, 469-475.	1.8	58
134	Waterborne polyurethanes and their properties. Journal of Polymer Science Part A, 1996, 34, 1095-1104.	2.5	169
135	Polypropylene blends with a phenoxy. Journal of Applied Polymer Science, 1996, 60, 779-785.	1.3	9
136	Reactive extrusion of polyolefin ternary blends. Journal of Applied Polymer Science, 1996, 60, 2199-2206.	1.3	20
137	Crystallinity and morphology of segmented polyurethanes with different soft-segment length. Journal of Applied Polymer Science, 1996, 62, 631-638.	1.3	196
138	Melt blends of ?SAN with a phenoxy. Polymer Engineering and Science, 1996, 36, 1495-1501.	1.5	5
139	Polyurethanes having shape memory effects. Polymer, 1996, 37, 5781-5793.	1.8	671
140	Polyethylene blends with a phenoxy. Journal of Macromolecular Science - Physics, 1996, 35, 129-146.	0.4	3
141	Reactive extrusion of PP/natural rubber blends. Journal of Applied Polymer Science, 1995, 56, 239-246.	1.3	43
142	Modification of waterborne polyurethanes by acrylate incorporations. Journal of Applied Polymer Science, 1995, 58, 1117-1124.	1.3	36
143	Morphologies and electro-optic properties of phenoxy/liquid crystal composite films. Polymers for Advanced Technologies, 1995, 6, 42-46.	1.6	0
144	Solution blends of polyacrylonitrile with segmented polyurethanes: Effect of soft segments. Journal of Macromolecular Science - Physics, 1995, 34, 199-214.	0.4	5

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145	Effect of Copolymer Composition on the Domain Morphology and Electrooptic Properties of Polymer Dispersed Liquid Crystals. Molecular Crystals and Liquid Crystals, 1995, 261, 605-616.	0.3	9
146	Blends of polyacrylonitrile with polyurethane Ionomers. Journal of Macromolecular Science - Physics, 1994, 33, 243-258.	0.4	6
147	Melt blends of san with phenoxy. Journal of Macromolecular Science - Physics, 1994, 33, 317-332.	0.4	5
148	Miscibility of poly(styrene-co-acrylonitrile) with random copolymers of tetramethyl bisphenol-A polyarylate and tetrabromo bisphenol-A polyarylate. Polymer Bulletin, 1994, 33, 237-239.	1.7	4
149	Basic structureâ€“property behavior of polyurethane cationomers. Journal of Polymer Science Part A, 1994, 32, 1983-1989.	2.5	32
150	Morphologies and electro-optic properties of polystyrene/liquid crystal composite films. Journal of Polymer Science, Part B: Polymer Physics, 1994, 32, 561-567.	2.4	15
151	ABS blends with phenoxy: morphology, thermal, mechanical and rheological properties. Polymers for Advanced Technologies, 1994, 5, 327-332.	1.6	5
152	Dynamic mechanical properties of poly(vinyl chloride) and polyurethane carboxylate blends. Journal of Applied Polymer Science, 1994, 51, 2187-2190.	1.3	14
153	Aqueous dispersion of polyurethanes containing ionic and nonionic hydrophilic segments. Journal of Applied Polymer Science, 1994, 54, 1809-1815.	1.3	47
154	Effect of soft segment length on the properties of polyurethane anionomer dispersion. Polymer, 1994, 35, 1095-1099.	1.8	82
155	Polyurethane Anionomer Dispersion from Ether-Type Polyols and Isophorone Diisocyanate. Journal of Macromolecular Science - Pure and Applied Chemistry, 1994, 31, 1241-1257.	1.2	22
156	Miscible and immiscible blends of ABS with PMMA. I. Morphology and rheology. Journal of Applied Polymer Science, 1993, 47, 295-304.	1.3	38
157	Miscible and immiscible blends of ABS with PMMA. II. Mechanical and surface properties. Journal of Applied Polymer Science, 1993, 47, 1581-1587.	1.3	27
158	Viscosity effect in polyolefin ternary blends and composites. Journal of Applied Polymer Science, 1993, 48, 1271-1278.	1.3	39
159	Physical properties of ABS/SMA/nylon-6 ternary blends: effect of blending sequence. Polymer, 1993, 34, 2075-2080.	1.8	64
160	Blends of Epoxidized Natural Rubber with Chloroprene Rubber. Polymer-Plastics Technology and Engineering, 1993, 32, 167-180.	1.9	8
161	Polyurethane Ionomers from Cycloaliphatic Diisocyanate and Polytetramethylene Glycol. Journal of Macromolecular Science - Pure and Applied Chemistry, 1992, 29, 1207-1221.	1.2	30
162	Aqueous polyurethane dispersions: Effects of dmpa and bisphenol a polyol on dispersion and physical properties of emulsion cast films. Polymer International, 1992, 28, 157-162.	1.6	24

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163	Structure-property relationship of polyurethane ionomer. Colloid and Polymer Science, 1992, 270, 956-961.	1.0	68
164	Characterization of ultra low density polyethylenes (PE-ULD). Angewandte Makromolekulare Chemie, 1992, 194, 91-101.	0.3	11
165	Morphological, thermal and rheological properties of blends: Polyethylene/nylon-6, polyethylene/nylon-6/(maleic anhydride-g-polyethylene) and (maleic anhydride-g-polyethylene)/nylon-6. European Polymer Journal, 1991, 27, 349-354.	2.6	74
166	Reactive melt blends of nylon with poly(styrene-co-maleic anhydride). Journal of Applied Polymer Science, 1991, 43, 357-363.	1.3	43
167	Aqueous dispersion of polyurethanes from H12MDI, PTAd/PPG, and DMPA: Particle size of dispersion and physical properties of emulsion cast films. Journal of Applied Polymer Science, 1991, 43, 393-398.	1.3	61
168	IPDI-based polyurethane ionomer dispersions: Effects of ionic, nonionic hydrophilic segments, and extender on particle size and physical properties of emulsion cast film. Journal of Applied Polymer Science, 1991, 43, 2295-2301.	1.3	85
169	Ultralow density polyethylene blends with polypropylene. Polymer Engineering and Science, 1991, 31, 944-953.	1.5	33
170	Polycarbonate Blends with Maleic Anhydride-G-Polypropylene. Journal of Polymer Engineering, 1991, 10, .	0.6	3
171	Binary blends of nylons with ethylene vinyl alcohol copolymers: Morphological, thermal, rheological, and mechanical behavior. Polymer Engineering and Science, 1990, 30, 341-349.	1.5	27
172	Melt rheology of poly(ethylene terephthalate), polyarylate, and their blends. Journal of Applied Polymer Science, 1990, 40, 1805-1818.	1.3	28
173	Morphological, thermal and rheological properties of the blends polypropylene/nylon-6, polypropylene/nylon-6/(maleic anhydride-g-polypropylene) and (maleic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 337 Td (anhydr	2.6	116