

Brian P Grady

List of Publications by Year in descending order

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151
papers

5,091
citations

101543

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h-index

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164
all docs

164
docs citations

164
times ranked

5758
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of graphene flake size on the properties of graphene-based polymer composite films. Journal of Applied Polymer Science, 2021, 138, 49821.	2.6	28
2	Anisotropically Functionalized Nanotube Anchors for Improving the Mechanical Strength of Immiscible Polymer Composites. ACS Applied Nano Materials, 2021, 4, 580-589.	5.0	3
3	Waste plastics in asphalt concrete: A review. SPE Polymers, 2021, 2, 4-18.	3.3	17
4	Janus particles as immiscible polymer blend compatibilizers: a review. Colloid and Polymer Science, 2021, 299, 585-593.	2.1	18
5	Polystyrene and poly(methyl methacrylate) interfaces reinforced with diblock carbon nanotubes. Polymer Engineering and Science, 2021, 61, 1186-1194.	3.1	2
6	Preparation, characterization and filtration control properties of crosslinked starch nanospheres in water-based drilling fluids. Journal of Molecular Liquids, 2021, 325, 115221.	4.9	45
7	<sc>SPE Polymers</sc> is the newest member to join our family of <sc>SPE</sc> archival peer-reviewed scientific journals. SPE Polymers, 2020, 1, 3-3.	3.3	0
8	Directly probing surfactant adsorption on nanoscopic trenches and pillars. Journal of Colloid and Interface Science, 2020, 579, 128-139.	9.4	1
9	Oil-Induced Viscoelasticity in Micellar Solutions of Alkoxy Sulfate. Langmuir, 2019, 35, 12168-12179.	3.5	13
10	22nd International Symposium on Surfactants in Solution Special Issue. Journal of Surfactants and Detergents, 2019, 22, 933-934.	2.1	1
11	Hydroxypropylation of Guar Splits: Kinetics and Rheology. Industrial & Engineering Chemistry Research, 2019, 58, 11673-11679.	3.7	7
12	Observing the Effects of Temperature and Surface Roughness on Cetyltrimethylammonium Bromide Adsorption Using a Quartz Crystal Microbalance with Dissipation Monitoring. Journal of Surfactants and Detergents, 2019, 22, 1201-1212.	2.1	2
13	Influence of diameter on the degradation profile of multiwall carbon nanotubes. Journal of Thermal Analysis and Calorimetry, 2019, 138, 1351-1362.	3.6	2
14	Synthesis and Characterization of Novel Surfactants based on 2-Hydroxy-4-(Methylthio)Butanoic Acid Part 3: Microemulsions from Nonionic Sulfoxide Ester Surfactants. Journal of Surfactants and Detergents, 2019, 22, 95-102.	2.1	2
15	A new finding for carbon nanotubes in polymer blends. Journal of Thermoplastic Composite Materials, 2018, 31, 110-118.	4.2	19
16	Magnetite/poly(D,L-lactide-co-glycolide) and hydroxyapatite/poly(D,L-lactide-co-glycolide) prepared by W/O/W emulsion technique for drug carrier: Evaluation of in vitro release of dexamethasone from composite nanoparticles. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 629-634.	3.4	0
17	Atomic Force Microscopy Force Mapping Analysis of an Adsorbed Surfactant above and below the Critical Micelle Concentration. Langmuir, 2018, 34, 7223-7239.	3.5	12
18	Reaction Kinetics and Subsequent Rheology of Carboxymethyl Guar Gum Produced from Guar Splits. Industrial & Engineering Chemistry Research, 2018, 57, 7345-7354.	3.7	16

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19	Influence of tapered density on the degradation profile of multiwall carbon nanotubes. <i>Thermochimica Acta</i> , 2017, 654, 140-145.	2.7	6
20	Surfactants adsorption on crossing stripes and steps. <i>Soft Matter</i> , 2017, 13, 862-874.	2.7	19
21	Synthesis and Characterization of Novel Surfactants Based on 2- <i>Hydroxy-4-(methylthio)butanoic Acid</i> : 2. Non-ionic Surfactants. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 503-519.	2.1	1
22	Magnetite/poly(D,L-lactide-co-glycolide) and hydroxyapatite/poly(D,L-lactide-co-glycolide) prepared by w/o/w emulsion technique for drug carrier: physical characteristic of composite nanoparticles. <i>Colloid and Polymer Science</i> , 2017, 295, 2031-2040.	2.1	2
23	Study of mesoporous catalysts for conversion of 2,3-butanediol to butenes. <i>Journal of Catalysis</i> , 2017, 354, 182-196.	6.2	19
24	High thermal conductivity through simultaneously aligned polyethylene lamellae and graphene nanoplatelets. <i>Nanoscale</i> , 2017, 9, 12867-12873.	5.6	50
25	Rheological characterization of yield stress gels formed via electrostatic heteroaggregation of metal oxide nanoparticles. <i>Soft Matter</i> , 2017, 13, 6743-6755.	2.7	20
26	Sensor-Enabled Geogrids for Performance Monitoring of Reinforced Soil Structures. <i>Journal of Testing and Evaluation</i> , 2016, 44, 391-401.	0.7	14
27	Silica Nanoparticle Wettability: Characterization and Effects on the Emulsion Properties. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 4274-4284.	3.7	37
28	Synthesis and Characterization of Novel Surfactants Based on 2- <i>Hydroxy-4-(Methylthio)Butanoic Acid</i> : 1. Anionic Surfactants. <i>Journal of Surfactants and Detergents</i> , 2015, 18, 895-903.	2.1	1
29	Surfactant Aggregates Templated by Lateral Confinement. <i>Journal of Physical Chemistry B</i> , 2015, 119, 5467-5474.	2.6	17
30	Pseudosolid, Shear-Thinning Gel Formation in Binary Dispersions of Metal Oxide Nanoparticles at Low Volume Fractions. <i>Langmuir</i> , 2014, 30, 14982-14990.	3.5	15
31	Electrical, mechanical, and crystallization properties of ethylene-tetrafluoroethylene copolymer/multiwalled carbon nanotube composites. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	3
32	PMMA composites of single-walled carbon nanotubes-graft-PMMA. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	9
33	Tensoresistive PVC Coating for Sensor-Enabled Geogrids. <i>Journal of Nanomechanics & Micromechanics</i> , 2014, 4, .	1.4	14
34	Creating polymer templates and their use in the in-situ synthesis of biodegradable composite networks. <i>Polymer</i> , 2014, 55, 2332-2339.	3.8	8
35	Aspect ratio effects of multi-walled carbon nanotubes on electrical, mechanical, and thermal properties of polycarbonate/MWCNT composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 73-83.	2.1	101
36	Interfacial behavior and water solubility of various asphaltenes at high temperature. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 378-388.	4.7	18

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37	Self-assembled surfactants on patterned surfaces: confinement and cooperative effects on aggregate morphology. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 16388.	2.8	35
38	Competitive Surfactant Adsorption of AOT and TWEEN 20 on Gold Measured Using a Quartz Crystal Microbalance with Dissipation. <i>Langmuir</i> , 2014, 30, 11031-11039.	3.5	35
39	Effects of pH and Surfactant Precipitation on Surface Tension and CMC Determination of Aqueous Sodium <i>n</i> -Alkyl Carboxylate Solutions. <i>Journal of Surfactants and Detergents</i> , 2014, 17, 911-917.	2.1	10
40	Strain-sensitive conductivity of carbon black-filled PVC composites subjected to cyclic loading. <i>Carbon</i> , 2014, 79, 393-405.	10.3	65
41	Multi-walled carbon nanotubes coated by multi-layer silica for improving thermal conductivity of polymer composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 467-474.	3.6	33
42	Mixtures of Nonionic Surfactants made from Renewable Resources with Alkyl Sulfates and Sodium <i>n</i> -Alkanecarboxylates: Comparison of Mixing Behavior using Rubingh's Treatment. <i>Journal of Surfactants and Detergents</i> , 2013, 16, 893-902.	2.1	5
43	Melt-neutralization of maleic anhydride grafted on high-density polyethylene compatibilizer for polyamide-6/high-density polyethylene blend: effect of neutralization level on compatibility of the blend. <i>Polymer Bulletin</i> , 2013, 70, 293-309.	3.3	11
44	Long-time crystallization kinetics in zinc-neutralized ethylene methacrylic acid ionomers. <i>Thermochimica Acta</i> , 2013, 565, 183-193.	2.7	4
45	Tungsten-incorporated cage-type mesoporous silicate: W-KIT-5. <i>Microporous and Mesoporous Materials</i> , 2013, 175, 43-49.	4.4	52
46	Effect of carbon nanotube persistence length on heat transfer in nanocomposites: A simulation approach. <i>Applied Physics Letters</i> , 2013, 102, 203116.	3.3	10
47	Atomic-Scale Simulation of Sensor-Enabled Geosynthetics for Health-Monitoring of Reinforced Soil Slopes and Embankments. , 2013, , .		6
48	Magnetic Targeted Delivery of Dexamethasone Acetate Across the Round Window Membrane in Guinea Pigs. <i>Otology and Neurotology</i> , 2013, 34, 41-47.	1.3	55
49	Synthesis and encapsulation of magnetite nanoparticles in PLGA: effect of amount of PLGA on characteristics of encapsulated nanoparticles. <i>Polymer Bulletin</i> , 2012, 69, 795-806.	3.3	24
50	Positron Annihilation Spectroscopy of Polystyrene Filled with Carbon Nanomaterials. <i>Macromolecules</i> , 2012, 45, 933-940.	4.8	20
51	Wetting of polymer surfaces by aqueous surfactant solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 409, 30-41.	4.7	21
52	Modeling of Precipitation Phase Boundaries in Mixed Surfactant Systems Using an Improved Counterion Binding Model. <i>Journal of Surfactants and Detergents</i> , 2012, 15, 523-531.	2.1	8
53	Effects of carbon nanotubes on polymer physics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 591-623.	2.1	90
54	Polystyrene composites of single-walled carbon nanotubes-graft-polystyrene. <i>Polymer International</i> , 2012, 61, 1603-1610.	3.1	13

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55	Effect of carbon black structure on low-strain conductivity of polypropylene and low-density polyethylene composites. <i>Polymer Engineering and Science</i> , 2012, 52, 549-556.	3.1	35
56	Filler reaggregation and network formation time scale in extruded high-density polyethylene/multiwalled carbon nanotube composites. <i>Polymer Engineering and Science</i> , 2012, 52, 1761-1774.	3.1	8
57	Influence of nanotube characteristics on electrical and thermal properties of MWCNT/polyamide 6,6 composites prepared by melt mixing. <i>Carbon</i> , 2012, 50, 3694-3707.	10.3	30
58	Explanation for the Increased Induction Times in Binary Mixed Anionic Surfactant Mixtures. <i>Crystal Growth and Design</i> , 2011, 11, 2948-2956.	3.0	4
59	Influence of Surface Roughness on Cetyltrimethylammonium Bromide Adsorption from Aqueous Solution. <i>Langmuir</i> , 2011, 27, 6091-6098.	3.5	34
60	Electrical, mechanical, and glass transition behavior of polycarbonate-based nanocomposites with different multi-walled carbon nanotubes. <i>Polymer</i> , 2011, 52, 3835-3845.	3.8	156
61	Adsorption of surfactants on carbon black and paper fiber in the presence of calcium ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 389, 206-212.	4.7	17
62	Mixtures of Nonionic Surfactants Made from Renewable Resources with Alkyl Sulfates: Comparison of Headgroups. <i>Journal of Surfactants and Detergents</i> , 2011, 14, 77-84.	2.1	7
63	Heat transfer in high volume fraction CNT nanocomposites: Effects of inter-nanotube thermal resistance. <i>Chemical Physics Letters</i> , 2011, 508, 248-251.	2.6	60
64	Thermodynamic parameters and counterion binding to the micelle in binary anionic surfactant systems. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 598-604.	9.4	26
65	Closure to "Sensor-Enabled Geosynthetics: Use of Conducting Carbon Networks as Geosynthetic Sensors" by Kianoosh Hatami, Brian P. Grady, and Matthew C. Ulmer. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2011, 137, 435-436.	3.0	7
66	Incorporation, Release, and Effectiveness of Dexamethasone in Poly(Lactic-Co-Glycolic Acid) Nanoparticles for Inner Ear Drug Delivery. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2011, 2, .	0.8	8
67	Enhanced angiogenesis of modified porcine small intestinal submucosa with hyaluronic acid-poly(lactide-co-glycolide) nanoparticles: From fabrication to preclinical validation. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 712-719.	4.0	29
68	Recent Developments Concerning the Dispersion of Carbon Nanotubes in Polymers. <i>Macromolecular Rapid Communications</i> , 2010, 31, 247-257.	3.9	180
69	Thermodynamics of mixed anionic/nonionic surfactant adsorption on alumina. <i>Journal of Colloid and Interface Science</i> , 2010, 342, 415-426.	9.4	21
70	X-ray diffraction and dynamic mechanical analyses of chitin whisker-reinforced poly(vinyl alcohol) nanocomposite nanofibers. <i>Polymer International</i> , 2010, 59, 85-91.	3.1	57
71	Magnetic Assisted Transport of PLGA Nanoparticles Through a Human Round Window Membrane Model. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2010, 1, .	0.8	21
72	Strength Improvement via Coating of a Cylindrical Hole by Layer-by-Layer Assembled Polymer Particles. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 1220-1227.	8.0	4

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73	Lateral confinement effects on the structural properties of surfactant aggregates: SDS on graphene. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13137.	2.8	50
74	Sensor-Enabled Geosynthetics: Use of Conducting Carbon Networks as Geosynthetic Sensors. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009, 135, 863-874.	3.0	36
75	Melt rheology and die swell of PA6/LDPE blends by using lithium ionomer as a compatibilizer. <i>Polymer Bulletin</i> , 2009, 63, 23-35.	3.3	30
76	Single-walled carbon nanotube/ultrahigh-molecular-weight polyethylene composites with percolation at low nanotube contents. <i>Polymer Engineering and Science</i> , 2009, 49, 2440-2446.	3.1	18
77	Fabrication of Protein Dot Arrays via Particle Lithography. <i>Langmuir</i> , 2009, 25, 10932-10938.	3.5	41
78	Adsorption Isotherms of Aqueous C12E6 and Cetyltrimethylammonium Bromide Surfactants on Solid Surfaces in the Presence of Low Molecular Weight Coadsorbents. <i>Langmuir</i> , 2009, 25, 5536-5544.	3.5	30
79	Morphology of ionic microemulsions: comparison of SANS studies and the net-average curvature (NAC) model. <i>Soft Matter</i> , 2009, 5, 551-561.	2.7	20
80	Glass Transition Behavior of Single-Walled Carbon Nanotube~Polystyrene Composites. <i>Macromolecules</i> , 2009, 42, 6152-6158.	4.8	66
81	Synthesis and characterization of the physical, chemical and mechanical properties of isocyanate-crosslinked vanadia aerogels. <i>Journal of Sol-Gel Science and Technology</i> , 2008, 48, 113-134.	2.4	59
82	Melt Rheology of Low-Density Polyethylene/Polyamide 6 using Ionomer as a Compatibilizer. <i>Polymer Bulletin</i> , 2008, 61, 331-340.	3.3	11
83	Review and critical analysis of the morphology of random ionomers across many length scales. <i>Polymer Engineering and Science</i> , 2008, 48, 1029-1051.	3.1	95
84	Blends of polyamide 6 with low-density polyethylene compatibilized with ethylene~methacrylic acid based copolymer ionomers: Effect of neutralizing cations. <i>Journal of Applied Polymer Science</i> , 2008, 107, 3090-3098.	2.6	12
85	Melt rheology and extrudate swell of organobentonite-filled polypropylene nanocomposites. <i>Polymer Testing</i> , 2008, 27, 470-479.	4.8	49
86	The incorporation of poly(lactic-co-glycolic) acid nanoparticles into porcine small intestinal submucosa biomaterials. <i>Biomaterials</i> , 2008, 29, 1159-1166.	11.4	52
87	Unique Thermal Conductivity Behavior of Single-Walled Carbon Nanotube~Polystyrene Composites. <i>Macromolecules</i> , 2008, 41, 7274-7277.	4.8	95
88	Experimental Studies on the Adsorption of Two Surfactants on Solid~Aqueous Interfaces:~% Adsorption Isotherms and Kinetics. <i>Langmuir</i> , 2008, 24, 4806-4816.	3.5	60
89	Composites of Single-Walled Carbon Nanotubes and Polystyrene: Preparation and Electrical Conductivity. <i>Chemistry of Materials</i> , 2008, 20, 3120-3126.	6.7	75
90	Factors Affecting the Synthesis of Polymeric Nanostructures from Template Assisted Admicellar Polymerization. <i>Langmuir</i> , 2007, 23, 10008-10019.	3.5	16

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91	The effect of zinc oxide addition on the compatibilization efficiency of maleic anhydride grafted high-density polyethylene compatibilizer for high-density polyethylene/polyamide 6 blends. <i>Journal of Applied Polymer Science</i> , 2007, 103, 3871-3881.	2.6	11
92	Composites of Single-Walled Carbon Nanotubes and Styrene-Isoprene Copolymer Latices. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 446-456.	2.2	57
93	Dispersion of super paramagnetic iron oxide nanoparticles in poly(d,l-lactide-co-glycolide) microparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 292, 125-130.	4.7	66
94	Stretched PEO/LiCF ₃ SO ₃ films: Polarized IR spectroscopy and X-ray diffraction. <i>Electrochimica Acta</i> , 2007, 53, 1548-1555.	5.2	26
95	Effect of nanotube functionalization on the properties of single-walled carbon nanotube/polyurethane composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 490-501.	2.1	121
96	Mechanical properties and rheology of polyalkenoate cements using various low-cost fillers. <i>Journal of Materials Science</i> , 2007, 42, 3632-3644.	3.7	1
97	Synthesis of Nanometer-Scale Polymeric Structures on Surfaces from Template Assisted Admicellar Polymerization: A Comparative Study with Protein Adsorption. <i>Langmuir</i> , 2006, 22, 8010-8016.	3.5	20
98	Surface-modified calcium carbonate particles by admicellar polymerization to be used as filler for isotactic polypropylene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 275, 114-125.	4.7	68
99	Viscosity and yield stress reduction in non-colloidal concentrated suspensions by surface modification with polymers and surfactants and/or nanoparticle addition. <i>Journal of Colloid and Interface Science</i> , 2006, 295, 374-387.	9.4	15
100	Effect of sample size on isothermal crystallization measurements performed in a differential scanning calorimeter: A method to determine avrami parameters without sample thickness effects. <i>Thermochimica Acta</i> , 2006, 443, 147-158.	2.7	23
101	The Use of Solution Viscosity to Characterize Single-Walled Carbon Nanotube Dispersions. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 2167-2169.	2.2	10
102	Calorimetric and Rheological Measurements of Three Commercial Thermosetting Prepreg Epoxies. <i>Journal of Composite Materials</i> , 2006, 40, 873-897.	2.4	17
103	Magnetic Nanoparticles: Inner Ear Targeted Molecule Delivery and Middle Ear Implant. <i>Audiology and Neuro-Otology</i> , 2006, 11, 123-133.	1.3	72
104	Different methods for surface modification of hydrophilic particulates with polymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 266, 18-31.	4.7	34
105	The Use of Surface Tension to Predict the Formation of 2D Arrays of Latex Spheres Formed via the Langmuir-Blodgett-Like Technique. <i>Langmuir</i> , 2004, 20, 10998-11004.	3.5	61
106	Use of surfactants to remove water-based inks from plastic film: effect of calcium ion concentration and length of surfactant hydrophobe. <i>Colloid and Polymer Science</i> , 2004, 283, 154-163.	2.1	6
107	Effects of styrene-isoprene copolymer glass fiber coatings on woven glass cloth epoxy composite performance. <i>Polymer Composites</i> , 2004, 25, 82-93.	4.6	6
108	Blends of ethylene-methyl acrylate-acrylic acid terpolymers with ethylene-acrylic acid copolymers: Mechanical and thermomechanical properties. <i>Journal of Applied Polymer Science</i> , 2004, 91, 2216-2222.	2.6	3

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109	Resistivity of conductive polymer-coated fabric. <i>Journal of Applied Polymer Science</i> , 2004, 92, 2629-2636.	2.6	89
110	Enhancing the strength of polypropylene fibers with carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2004, 93, 2926-2933.	2.6	101
111	Nucleation of polyvinyl alcohol crystallization by single-walled carbon nanotubes. <i>Polymer</i> , 2004, 45, 4437-4443.	3.8	177
112	Non-isothermal melt crystallization kinetics for ethylene- <i>acrylic acid copolymers and ethylene-methyl acrylate-acrylic acid terpolymers.</i> <i>European Polymer Journal</i> , 2004, 40, 829-838.	5.4	33
113	Blends of low-density polyethylene with nylon compatibilized with a sodium-neutralized carboxylate ionomer. <i>European Polymer Journal</i> , 2004, 40, 2409-2420.	5.4	28
114	Morphology of Zinc-Neutralized Maleated Ethylene-Propylene Copolymer Ionomers: Structure of Ionic Aggregates As Studied by X-ray Absorption Spectroscopy. <i>Macromolecules</i> , 2004, 37, 8585-8591.	4.8	21
115	Use of zinc-neutralized ethylene/methacrylic acid copolymer ionomers as blend compatibilizers for nylon 6 and low-density polyethylene. <i>Journal of Applied Polymer Science</i> , 2003, 89, 620-629.	2.6	21
116	X-ray photoelectron spectroscopic studies of hydrophilic surfaces modified via admicellar polymerization. <i>Journal of Colloid and Interface Science</i> , 2003, 264, 296-300.	9.4	6
117	CMC determination in the presence of surfactant-adsorbing inorganic particulates. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 212, 147-153.	4.7	15
118	Adhesion improvement in glass fiber reinforced polyethylene composite via admicellar polymerization. <i>Polymer Composites</i> , 2003, 24, 171-180.	4.6	11
119	Adsorbed Surfactants as Templates for the Synthesis of Morphologically Controlled Polyaniline and Polypyrrole Nanostructures on Flat Surfaces: From Spheres to Wires to Flat Films. <i>Journal of the American Chemical Society</i> , 2003, 125, 14793-14800.	13.7	261
120	The use of Monte-Carlo simulations to calculate small-angle scattering patterns. <i>Macromolecular Symposia</i> , 2002, 190, 117-130.	0.7	15
121	Nanometer-Thick Poly(pyrrole) Films Formed by Admicellar Polymerization under Conditions of Depleting Adsolubilization. <i>Langmuir</i> , 2002, 18, 3343-3351.	3.5	49
122	Nucleation of Polypropylene Crystallization by Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5852-5858.	2.6	347
123	The influence of processing parameters on the properties of melt-spun polypropylene hollow fibers. <i>Journal of Applied Polymer Science</i> , 2002, 83, 1759-1772.	2.6	18
124	Deinking of water-based ink printing from plastic film using nonionic surfactants. <i>Journal of Surfactants and Detergents</i> , 2002, 5, 363-374.	2.1	16
125	Polypyrrole-coated natural rubber latex by admicellar polymerization. <i>Colloid and Polymer Science</i> , 2002, 280, 509-516.	2.1	18
126	Correlating viscoelastic measurements of fracturing fluid to particles suspension and solids transport. <i>Journal of Petroleum Science and Engineering</i> , 2002, 35, 59-81.	4.2	68

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127	The use of X-ray absorption spectroscopy in the study of synthetic polymers. <i>Microchemical Journal</i> , 2002, 71, 267-279.	4.5	5
128	Wetting Behavior of Elastomer-Modified Glass Fibers. <i>Langmuir</i> , 2001, 17, 5288-5296.	3.5	45
129	Effect of Temperature on Local Structure in Poly(ethylene oxide)-Zinc Bromide Salt Complexes. <i>Macromolecules</i> , 2001, 34, 8523-8531.	4.8	8
130	Use of surfactants to remove water based inks from plastic films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 189, 55-64.	4.7	33
131	An investigation of heat transfer effects in isothermal crystallization studies of low-density polyethylene. <i>Polymer Engineering and Science</i> , 2001, 41, 820-829.	3.1	8
132	Compounding of poly(dimethyl siloxane) to reduce tack in natural rubber. <i>Journal of Applied Polymer Science</i> , 2001, 82, 519-526.	2.6	3
133	Effect of sol-gel polymerization of tetraethylorthosilicate on internal aggregate structure in zinc-neutralized ethylene-methacrylic acid ionomers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001, 39, 197-200.	2.1	7
134	Relative size of ionic aggregates determined by X-ray absorption spectroscopy. <i>Polymer</i> , 2000, 41, 2325-2328.	3.8	15
135	Effects of Temperature on Aggregate Local Structure in a Zinc-Neutralized Carboxylate Ionomer. <i>Macromolecules</i> , 2000, 33, 7122-7126.	4.8	21
136	Properties of Liquid Crystal Epoxy Thermosets Cured in a Magnetic Field. <i>Macromolecules</i> , 2000, 33, 6249-6254.	4.8	56
137	X-ray absorption spectroscopy studies of zinc-neutralized ethylene-methacrylic acid ionomers. <i>Polymer</i> , 1999, 40, 283-288.	3.8	34
138	Effect of Coneutralization on Internal Aggregate Structure in Ethylene-Based Ionomers. <i>Macromolecules</i> , 1999, 32, 2983-2988.	4.8	23
139	Effect of Water on Internal Aggregate Structure in Zinc-Neutralized Ionomers. <i>Macromolecules</i> , 1999, 32, 2989-2995.	4.8	26
140	Polymerization of styrene-isoprene on glass cloth for use in composite manufacture. <i>Polymer Composites</i> , 1998, 19, 579-587.	4.6	18
141	Simulation of Small-Angle X-ray Scattering from Single-Particle Systems. <i>Journal of Applied Crystallography</i> , 1998, 31, 594-599.	4.5	13
142	An investigation of the high molecular weight poly(ethylene oxide)-zinc bromide complexes. <i>Polymer</i> , 1997, 38, 6189-6195.	3.8	22
143	EXAFS Studies of Various Sulfonated and Carboxylated Cadmium Ionomers. <i>Macromolecules</i> , 1996, 29, 1685-1690.	4.8	11
144	Blends of metal acetates and polyurethanes containing pyridine groups II. SAXS and EXAFS studies. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1994, 32, 2357-2366.	2.1	24

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145	The Room Temperature Annealing Peak in Ionomers: Ionic Crystallites or Water Absorption?. <i>Macromolecules</i> , 1994, 27, 1710-1719.	4.8	32
146	Extended x-ray absorption fine-structure studies of the internal aggregate structure in lightly sulfonated polystyrene. 2. Effect of uniaxial orientation. <i>Macromolecules</i> , 1994, 27, 6635-6641.	4.8	8
147	Extended x-ray absorption fine-structure studies of the internal aggregate structure in lightly sulfonated polystyrene. 1. Determination of the coordination environment about the cation. <i>Macromolecules</i> , 1994, 27, 6627-6634.	4.8	18
148	Properties of polyamic acid ionomers. <i>Journal of Applied Polymer Science</i> , 1993, 47, 1673-1683.	2.6	13
149	Mechanical and thermal properties of UV-curable polyurethane and polyurea acrylates. <i>Journal of Applied Polymer Science</i> , 1993, 49, 1943-1955.	2.6	27
150	Influence of the sample preparation method of the ultra-small-angle x-ray scattering of lightly sulfonated polystyrenes. <i>Macromolecules</i> , 1993, 26, 4064-4066.	4.8	20
151	Improved cold-water detergency of malodorous soil correlating with hydrophilic-lipophilic deviation concept. <i>Journal of Surfactants and Detergents</i> , 0, , .	2.1	0