

Peter J Halley

List of Publications by Year in descending order

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167
papers

9,736
citations

38742

50
h-index

42399

92
g-index

172
all docs

172
docs citations

172
times ranked

9585
citing authors

#	ARTICLE	IF	CITATIONS
1	Halophyte biorefinery for polyhydroxyalkanoates production from <i>Ulva</i> sp. Hydrolysate with <i>Haloferax mediterranei</i> in pneumatically agitated bioreactors and ultrasound harvesting. <i>Bioresource Technology</i> , 2022, 344, 125964.	9.6	10
2	Processing and rheological properties of polyol/cellulose nanofibre dispersions for polyurethanes. <i>Polymer</i> , 2022, 255, 125130.	3.8	3
3	Advantages and Disadvantages of Bioplastics Production from Starch and Lignocellulosic Components. <i>Polymers</i> , 2021, 13, 2484.	4.5	77
4	Sustainable Plastics Inspired by Nature. <i>Physics Magazine</i> , 2020, 13, .	0.1	3
5	Mechanical Stability of Polyhydroxyalkanoate (PHA)-Based Wood Plastic Composites (WPCs). <i>Journal of Polymers and the Environment</i> , 2020, 28, 1571-1577.	5.0	10
6	Understanding the effect of copolymer content on the processability and mechanical properties of polyhydroxyalkanoate (PHA)/wood composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 124, 105437.	7.6	28
7	Insights into the biodegradation of PHA / wood composites: Micro- and macroscopic changes. <i>Sustainable Materials and Technologies</i> , 2019, 21, e00099.	3.3	22
8	Mechanical and physical stability of polyhydroxyalkanoate (PHA)-based wood plastic composites (WPCs) under natural weathering. <i>Polymer Testing</i> , 2019, 73, 214-221.	4.8	36
9	Mechanical performance and long-term indoor stability of polyhydroxyalkanoate (PHA)-based wood plastic composites (WPCs) modified by non-reactive additives. <i>European Polymer Journal</i> , 2018, 98, 337-346.	5.4	27
10	Composites of Wood and Biodegradable Thermoplastics: A Review. <i>Polymer Reviews</i> , 2018, 58, 444-494.	10.9	134
11	Mechanical properties of poly(3-hydroxybutyrate-co-3-hydroxyvalerate)/wood flour composites: Effect of interface modifiers. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46828.	2.6	18
12	Flexible starch-polyurethane films: Effect of mixed macrodiol polyurethane ionomers on physicochemical characteristics and hydrophobicity. <i>Carbohydrate Polymers</i> , 2018, 197, 312-325.	10.2	28
13	Facile Preparation of Starch-Based Electroconductive Films with Ionic Liquid. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5457-5467.	6.7	58
14	The effect of comonomer concentration and distribution on the photo-oxidative degradation of linear low density polyethylene films. <i>Polymer</i> , 2017, 119, 66-75.	3.8	26
15	Dissolution of Starch with Aqueous Ionic Liquid under Ambient Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3737-3741.	6.7	47
16	Lifetime prediction of biodegradable polymers. <i>Progress in Polymer Science</i> , 2017, 71, 144-189.	24.7	416
17	The challenges in lifetime prediction of oxodegradable polyolefin and biodegradable polymer films. <i>Polymer Degradation and Stability</i> , 2017, 145, 102-119.	5.8	43
18	Mixed culture polyhydroxyalkanoate-rich biomass assessment and quality control using thermogravimetric measurement methods. <i>Polymer Degradation and Stability</i> , 2017, 144, 110-120.	5.8	35

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19	Optimizing Prednisolone Loading into Distillers Dried Grain Kafirin Microparticles, and In vitro Release for Oral Delivery. <i>Pharmaceutics</i> , 2017, 9, 17.	4.5	5
20	Dissolution and regeneration behavior of chitosan in 3-methyl-1-(ethylacetyl)imidazolium chloride. <i>Fibers and Polymers</i> , 2016, 17, 1741-1748.	2.1	17
21	Different characteristic effects of ageing on starch-based films plasticised by 1-ethyl-3-methylimidazolium acetate and by glycerol. <i>Carbohydrate Polymers</i> , 2016, 146, 67-79.	10.2	49
22	Poly (glycerol sebacate) bioelastomers: 2. Synthesis using <i>rabender</i> <i>Plasticoder</i> as a batch reactor. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	6
23	Value-added bioplastics from services of wastewater treatment. <i>Water Practice and Technology</i> , 2015, 10, 546-555.	2.0	23
24	Effect of soil environment on the photo-degradation of polyethylene films. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	10
25	Mechanical performance of starch-based biocomposites. , 2015, , 53-92.		3
26	Preparation and <i>In Vitro</i> Release of Drug-Loaded Microparticles for Oral Delivery Using Wholegrain Sorghum Kafirin Protein. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-8.	2.7	9
27	Characteristics of starch-based films with different amylose contents plasticised by 1-ethyl-3-methylimidazolium acetate. <i>Carbohydrate Polymers</i> , 2015, 122, 160-168.	10.2	50
28	Formulation and Characterization of Drug-Loaded Microparticles Using Distillers Dried Grain Kafirin. <i>Cereal Chemistry</i> , 2015, 92, 246-252.	2.2	11
29	Biodegradation of starch films: The roles of molecular and crystalline structure. <i>Carbohydrate Polymers</i> , 2015, 122, 115-122.	10.2	54
30	Lubrication of starch in ionic liquid-water mixtures: Soluble carbohydrate polymers form a boundary film on hydrophobic surfaces. <i>Carbohydrate Polymers</i> , 2015, 133, 507-516.	10.2	12
31	The effect of common agrichemicals on the environmental stability of polyethylene films. <i>Polymer Degradation and Stability</i> , 2015, 120, 53-60.	5.8	19
32	Understanding the structural disorganization of starch in water-ionic liquid solutions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 13860-13871.	2.8	73
33	Extrusion induced low-order starch matrices: Enzymic hydrolysis and structure. <i>Carbohydrate Polymers</i> , 2015, 134, 485-496.	10.2	54
34	Establishing whether the structural feature controlling the mechanical properties of starch films is molecular or crystalline. <i>Carbohydrate Polymers</i> , 2015, 117, 262-270.	10.2	28
35	Advanced Nano-biocomposites Based on Starch. , 2015, , 1467-1553.		4
36	Advanced Nano-biocomposites Based on Starch. , 2014, , 1-75.		14

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37	Starch Applications. , 2014, , 381-419.		19
38	Mechanical Properties of Starch-Based Plastics. , 2014, , 187-209.		14
39	Starch Polymers. , 2014, , 3-10.		23
40	Structure-Property Relationships of Genetically Modified Starch. , 2014, , 31-75.		1
41	The chemomechanical properties of microbial polyhydroxyalkanoates. Progress in Polymer Science, 2014, 39, 397-442.	24.7	166
42	Technical note: correcting for shear strain in an oscillatory squeeze flow rheometer. Rheologica Acta, 2014, 53, 103-107.	2.4	2
43	Biorenewable blends of polyamide-11 and polylactide. Polymer Engineering and Science, 2014, 54, 1523-1532.	3.1	57
44	Reactive Extrusion for Thermoplastic Starch-Polymer Blends. , 2014, , 291-317.		5
45	Starch Modification to Develop Novel Starch-Biopolymer Blends. , 2014, , 105-143.		17
46	Shear degradation of molecular, crystalline, and granular structures of starch during extrusion. Starch/Staerke, 2014, 66, 595-605.	2.1	109
47	Crystallisation and fractionation of selected polyhydroxyalkanoates produced from mixed cultures. New Biotechnology, 2014, 31, 345-356.	4.4	45
48	In-line monitoring of thermal degradation of PHA during melt-processing by Near-Infrared spectroscopy. New Biotechnology, 2014, 31, 357-363.	4.4	31
49	Chemical modification of multiwalled carbon nanotube with a bifunctional caged ligand for radioactive labelling. Acta Materialia, 2014, 64, 54-61.	7.9	13
50	Thermal properties and crystallization behavior of fractionated blocky and random polyhydroxyalkanoate copolymers from mixed microbial cultures. Journal of Applied Polymer Science, 2014, 131, .	2.6	29
51	Characteristics of starch-based films plasticised by glycerol and by the ionic liquid 1-ethyl-3-methylimidazolium acetate: A comparative study. Carbohydrate Polymers, 2014, 111, 841-848.	10.2	69
52	Thermoplastic Starch. Journal of Renewable Materials, 2014, 2, 95-106.	2.2	32
53	Thermal and rheological effects of sepiolite in linear low-density polyethylene/starch blend. Journal of Applied Polymer Science, 2013, 127, 1330-1337.	2.6	21
54	Poly(glycerol-sebacate) bioelastomers kinetics of step-growth reactions using Fourier Transform (FT)-Raman spectroscopy. Journal of Applied Polymer Science, 2013, 127, 3980-3986.	2.6	26

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55	Physicochemical and mechanical properties of mixed culture polyhydroxyalkanoate (PHBV). <i>European Polymer Journal</i> , 2013, 49, 904-913.	5.4	90
56	The chemomechanical properties of microbial polyhydroxyalkanoates. <i>Progress in Polymer Science</i> , 2013, 38, 536-583.	24.7	372
57	Blends of biorenewable polyamide-11 and polyamide-6,10. <i>Polymer</i> , 2013, 54, 6961-6970.	3.8	40
58	Thermophysical properties and rheology of PHB/lignin blends. <i>Industrial Crops and Products</i> , 2013, 50, 270-275.	5.2	88
59	Effect of the ionic liquid 1-ethyl-3-methylimidazolium acetate on the phase transition of starch: Dissolution or gelatinization?. <i>Carbohydrate Polymers</i> , 2013, 94, 520-530.	10.2	74
60	Correlation between chain microstructural changes and embrittlement of LLDPE-based films during photo- and thermo-oxidative degradation. <i>Polymer Degradation and Stability</i> , 2013, 98, 425-435.	5.8	37
61	Glycerol plasticised chitosan: A study of biodegradation via carbon dioxide evolution and nuclear magnetic resonance. <i>Polymer Degradation and Stability</i> , 2013, 98, 1236-1246.	5.8	30
62	Elaboration and properties of plasticised chitosan-based exfoliated nano-biocomposites. <i>Polymer</i> , 2013, 54, 3654-3662.	3.8	44
63	Starch-based nano-biocomposites. <i>Progress in Polymer Science</i> , 2013, 38, 1590-1628.	24.7	455
64	Encapsulation of Hydrocortisone and Mesalazine in Zein Microparticles. <i>Pharmaceutics</i> , 2013, 5, 277-293.	4.5	50
65	Engineered nanofillers: impact on the morphology and properties of biomedical thermoplastic polyurethane nanocomposites. <i>RSC Advances</i> , 2012, 2, 9151.	3.6	28
66	Antagonism between transition metal pro-oxidants in polyethylene films. <i>Polymer Degradation and Stability</i> , 2012, 97, 1178-1188.	5.8	21
67	Structure-Property Relationships in Biomedical Thermoplastic Polyurethane Nanocomposites. <i>Macromolecules</i> , 2012, 45, 198-210.	4.8	89
68	Biodegradation and Applications of Nanobiocomposites. <i>Green Energy and Technology</i> , 2012, , 409-442.	0.6	2
69	Study on the phase separation of plasticised starch/poly(vinyl alcohol) blends. <i>Polymer Degradation and Stability</i> , 2012, 97, 1930-1939.	5.8	33
70	Thermoplastic Starch Polymer Blends and Nanocomposites. <i>ACS Symposium Series</i> , 2012, , 323-334.	0.5	5
71	Preparation and <i>in vitro</i> release of zein microparticles loaded with prednisolone for oral delivery. <i>Journal of Microencapsulation</i> , 2012, 29, 706-712.	2.8	16
72	A fundamental study on photo-oxidative degradation of linear low density polyethylene films at embrittlement. <i>Polymer</i> , 2012, 53, 2385-2393.	3.8	78

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73	In-situ monitoring by fibre-optic NIR spectroscopy and rheometry of maleic anhydride grafting to polypropylene in a laboratory scale reactive extruder. <i>Polymer Testing</i> , 2012, 31, 155-163.	4.8	11
74	Rheology to understand and optimize processibility, structures and properties of starch polymeric materials. <i>Progress in Polymer Science</i> , 2012, 37, 595-623.	24.7	229
75	Thermosets. , 2012, , .		25
76	Next-generation biopolymers: Advanced functionality and improved sustainability. <i>MRS Bulletin</i> , 2011, 36, 687-691.	3.5	42
77	Rheological properties of thermoplastic starch studied by multipass rheometer. <i>Carbohydrate Polymers</i> , 2011, 83, 914-919.	10.2	46
78	Investigation of polypropylene degradation during melt processing using a profluorescent nitroxide probe: A laboratory-scale study. <i>Polymer Degradation and Stability</i> , 2011, 96, 455-461.	5.8	19
79	Effect of MWCNT addition on the thermal and rheological properties of polymethyl methacrylate bone cement. <i>Carbon</i> , 2011, 49, 2893-2904.	10.3	44
80	Thermal, rheological, mechanical and morphological behavior of HDPE/chitosan blend. <i>Carbohydrate Polymers</i> , 2011, 83, 414-421.	10.2	77
81	Phase transitions of maize starches with different amylose contents in glycerolâ€“water systems. <i>Carbohydrate Polymers</i> , 2011, 85, 180-187.	10.2	74
82	Composites of poly(ethylene terephthalate) and multi-walled carbon nanotubes. , 2011, , 545-586.		3
83	Synthesis, Characterization and Biocompatibility of Novel Biodegradable Cross-linked Co-polymers Based on Poly(propylene oxide) Diglycidylether and Polyethylenimine. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 457-473.	3.5	5
84	Bio-nanocomposites based on starch. , 2011, , 234-260.		8
85	Starch thermal transitions comparatively studied by DSC and MTDSC. <i>Starch/Staerke</i> , 2010, 62, 350-357.	2.1	20
86	Mechanism of Degradation of Starch, a Highly Branched Polymer, during Extrusion. <i>Macromolecules</i> , 2010, 43, 2855-2864.	4.8	227
87	Photochemistry of lowâ€“density polyethyleneâ€“montmorillonite composites. <i>Journal of Applied Polymer Science</i> , 2009, 112, 381-389.	2.6	9
88	Biocomposites based on plasticized starch. <i>Biofuels, Bioproducts and Biorefining</i> , 2009, 3, 329-343.	3.7	167
89	The anaerobic degradability of thermoplastic starch: Polyvinyl alcohol blends: Potential biodegradable food packaging materials. <i>Bioresource Technology</i> , 2009, 100, 1705-1710.	9.6	115
90	Amylose content and chemical modification effects on thermoplastic starch from maize â€“ Processing and characterisation using conventional polymer equipment. <i>Carbohydrate Polymers</i> , 2009, 78, 917-925.	10.2	56

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91	Vibrational spectroscopic studies of laboratory scale polymer melt processing: Application to a thermoplastic polyurethane nanocomposite. <i>Vibrational Spectroscopy</i> , 2009, 51, 86-92.	2.2	15
92	The enzymatic hydrolysis of starch-based PVOH and polyol plasticised blends. <i>Carbohydrate Polymers</i> , 2009, 77, 442-448.	10.2	20
93	Confectionery Gels: A Review on Formulation, Rheological and Structural Aspects. <i>International Journal of Food Properties</i> , 2009, 12, 176-210.	3.0	115
94	Rheological characterisation of food thickeners marketed in Australia in various media for the management of dysphagia. II. Milk as a dispersing medium. <i>Journal of Food Engineering</i> , 2008, 84, 553-562.	5.2	55
95	The behavior of aged regenerated Bombyx mori silk fibroin solutions studied by 1H NMR and rheology. <i>Biomaterials</i> , 2008, 29, 4268-4274.	11.4	59
96	Emerging biodegradable materials: starch- and protein-based bio-nanocomposites. <i>Journal of Materials Science</i> , 2008, 43, 3058-3071.	3.7	292
97	Rheological characterization of food thickeners marketed in Australia in various media for the management of dysphagia. III. Fruit juice as a dispersing medium. <i>Journal of Food Engineering</i> , 2008, 86, 604-615.	5.2	57
98	Properties of a plasticised starch blend. Part 1: Influence of moisture content on fracture properties. <i>Carbohydrate Polymers</i> , 2008, 71, 535-543.	10.2	38
99	Combined rheological and optical investigation of maize, barley and wheat starch gelatinisation. <i>Carbohydrate Polymers</i> , 2008, 72, 272-286.	10.2	29
100	Properties of a plasticised starch blend " Part 2: Influence of strain rate, temperature and moisture on the tensile yield behaviour. <i>Carbohydrate Polymers</i> , 2008, 74, 366-371.	10.2	15
101	Amylose content and chemical modification effects on the extrusion of thermoplastic starch from maize. <i>Carbohydrate Polymers</i> , 2008, 74, 907-913.	10.2	68
102	Developing lignin-based resin coatings and composites. <i>Industrial Crops and Products</i> , 2008, 27, 163-167.	5.2	113
103	Toward a New Universal Model for Polymer Rheology Based on Group Interactions. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
104	Chemorheological studies on a thermoset PU/clay nanocomposite system. <i>Composite Interfaces</i> , 2007, 14, 449-465.	2.3	13
105	Impact of controlled particle size nanofillers on the mechanical properties of segmented polyurethane nanocomposites. <i>International Journal of Nanotechnology</i> , 2007, 4, 496.	0.2	17
106	Glass transition phenomena in molasses. <i>LWT - Food Science and Technology</i> , 2007, 40, 1117-1122.	5.2	13
107	A Study of Water Diffusion into a High-Amylose Starch Blend: The Effect of Moisture Content and Temperature. <i>Biomacromolecules</i> , 2007, 8, 296-301.	5.4	42
108	A Method for Estimating the Nature and Relative Proportions of Amorphous, Single, and Double-Helical Components in Starch Granules by ¹³ C CP/MAS NMR. <i>Biomacromolecules</i> , 2007, 8, 885-891.	5.4	337

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109	Rheological characterisation of food thickeners marketed in Australia in various media for the management of dysphagia. I: Water and cordial. <i>Journal of Food Engineering</i> , 2007, 79, 69-82.	5.2	81
110	Studies on polymers and composites from lignin and fiber derived from sugar cane. <i>Polymers for Advanced Technologies</i> , 2007, 18, 673-678.	3.2	57
111	Moisture absorption characteristics of food thickeners used for the management of swallowing dysfunctions. <i>European Food Research and Technology</i> , 2007, 224, 555-560.	3.3	12
112	Effects of starch synthase IIa gene dosage on grain, protein and starch in endosperm of wheat. <i>Theoretical and Applied Genetics</i> , 2007, 115, 1053-1065.	3.6	100
113	Thickened Fluids and Water Absorption in Rats and Humans. <i>Dysphagia</i> , 2007, 22, 193-203.	1.8	44
114	Equivalence of the Peleg, Pilofof and Singh's Kulshrestha models for water absorption in food. <i>Journal of Food Engineering</i> , 2007, 78, 730-734.	5.2	28
115	Macromolecular Interactions During Gelatinisation and Retrogradation in Starch-Whey Systems as Studied by Rapid Visco-Analyser. <i>International Journal of Food Engineering</i> , 2006, 2, .	1.5	37
116	Compatibilization of starch-polyester blends using reactive extrusion. <i>Polymer Engineering and Science</i> , 2006, 46, 248-263.	3.1	43
117	Phase behavior, crystallization, and nanostructures in thermoset blends of epoxy resin and amphiphilic star-shaped block copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 975-985.	2.1	40
118	Phase separation, porous structure, and cure kinetics in aliphatic epoxy resin containing hyperbranched polyester. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 889-899.	2.1	51
119	SPECIFIC HEAT CAPACITY OF AUSTRALIAN HONEYS FROM 35 TO 165C AS A FUNCTION OF COMPOSITION USING DIFFERENTIAL SCANNING CALORIMETRY. <i>Journal of Food Processing and Preservation</i> , 2006, 30, 99-109.	2.0	8
120	Infrared microspectroscopic mapping of the homogeneity of extruded blends: Application to starch/polyester blends. <i>Polymer Testing</i> , 2006, 25, 16-21.	4.8	9
121	Effect of the average soft-segment length on the morphology and properties of segmented polyurethane nanocomposites. <i>Journal of Applied Polymer Science</i> , 2006, 102, 128-139.	2.6	27
122	A rheology study of high-energy radiolysis of a semicrystalline ethylene-propylene copolymer containing DOP mobilizer. <i>Journal of Applied Polymer Science</i> , 2006, 101, 3437-3441.	2.6	5
123	Effect of different preparation routes on the structure and properties of rigid polyurethane-layered silicate nanocomposites. <i>Journal of Applied Polymer Science</i> , 2006, 102, 2894-2903.	2.6	16
124	Biodegradable polymers for industrial applications. , 2005, , .		34
125	Polyethylene multiwalled carbon nanotube composites. <i>Polymer</i> , 2005, 46, 8222-8232.	3.8	753
126	Thermal stability analysis of organo-silicates, using solid phase microextraction techniques. <i>Thermochimica Acta</i> , 2005, 429, 13-18.	2.7	44

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127	Scaling laws for the critical rupture thickness of common thin films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 263, 258-266.	4.7	19
128	Bounding film drainage in common thin films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 263, 197-204.	4.7	19
129	Bounding the Stability and Rupture Condition of Emulsion and Foam Films. <i>Chemical Engineering Research and Design</i> , 2005, 83, 915-925.	5.6	3
130	Morphology and properties of thermoplastic polyurethane composites incorporating hydrophobic layered silicates. <i>Journal of Applied Polymer Science</i> , 2005, 97, 300-309.	2.6	62
131	Segmented Polyurethane Nanocomposites: Impact of Controlled Particle Size Nanofillers on the Morphological Response to Uniaxial Deformation. <i>Macromolecules</i> , 2005, 38, 7386-7396.	4.8	106
132	Friction Factors and Rheological Behavior of Australian Honey in a Straight Pipe. <i>International Journal of Food Properties</i> , 2004, 7, 393-405.	3.0	9
133	DYNAMIC AND STEADY-STATE RHEOLOGY OF AUSTRALIAN HONEYS AT SUBZERO TEMPERATURES. <i>Journal of Food Process Engineering</i> , 2004, 27, 284-309.	2.9	29
134	Gelatinisation of starch in mixtures of sugars. I. Dynamic rheological properties and behaviours of starch-honey systems. <i>Journal of Food Engineering</i> , 2004, 61, 439-448.	5.2	28
135	Phase behavior, crystallization, and morphology in thermosetting blends of a biodegradable poly(ethylene glycol)-type epoxy resin and poly(ϵ -caprolactone). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 2833-2843.	2.1	17
136	Estimating the Specific Heat Capacity of Starch-Water-Glycerol Systems as a Function of Temperature and Compositions. <i>Starch/Staerke</i> , 2004, 56, 6-12.	2.1	24
137	Morphology and properties of thermoplastic polyurethane nanocomposites incorporating hydrophilic layered silicates. <i>Polymer</i> , 2004, 45, 2249-2260.	3.8	243
138	Investigation of the starch gelatinisation phenomena in water-glycerol systems: application of modulated temperature differential scanning calorimetry. <i>Carbohydrate Polymers</i> , 2004, 58, 191-204.	10.2	71
139	Gelatinisation of starch in mixtures of sugars. II. Application of differential scanning calorimetry. <i>Carbohydrate Polymers</i> , 2004, 58, 311-321.	10.2	55
140	Rheological properties of organoclay suspensions in epoxy network precursors. <i>Applied Clay Science</i> , 2004, 25, 207-219.	5.2	72
141	Application of the Williams-Landel-Ferry model to the viscosity-temperature relationship of Australian honeys. <i>Journal of Food Engineering</i> , 2003, 56, 67-75.	5.2	106
142	Biodegradation and ecotoxicity evaluation of a bionolle and starch blend and its degradation products in compost. <i>International Biodeterioration and Biodegradation</i> , 2003, 51, 77-81.	3.9	22
143	The effects of fillers on the chemorheology of highly filled epoxy resins: I. Effects on cure transitions and kinetics. <i>Polymer International</i> , 2003, 52, 113-119.	3.1	8
144	Preparation and characterisation of biodegradable starch-based nanocomposite materials. <i>Polymer International</i> , 2003, 52, 1767-1773.	3.1	201

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145	Polyethylene-layered silicate nanocomposites for rotational moulding. <i>Polymer International</i> , 2003, 52, 1774-1779.	3.1	12
146	Layered silicate nanocomposites based on various high-functionality epoxy resins: The influence of an organoclay on resin cure. <i>Polymer Engineering and Science</i> , 2003, 43, 850-862.	3.1	57
147	Layered silicate nanocomposites based on various high-functionality epoxy resins. Part II: The influence of an organoclay on the rheological behavior of epoxy prepolymers. <i>Polymer Engineering and Science</i> , 2003, 43, 1683-1690.	3.1	16
148	A review of drainage and spontaneous rupture in free standing thin films with tangentially immobile interfaces. <i>Advances in Colloid and Interface Science</i> , 2003, 105, 3-62.	14.7	58
149	The effects of silica fillers on the gelation and vitrification of highly filled epoxy-amine thermosets. <i>Macromolecular Symposia</i> , 2001, 169, 171-177.	0.7	18
150	An automated multi-unit composting facility for biodegradability evaluations. <i>Journal of Chemical Technology and Biotechnology</i> , 2001, 76, 411-417.	3.2	15
151	Developing Biodegradable Mulch Films from Starch-Based Polymers. <i>Starch/Staerke</i> , 2001, 53, 362.	2.1	103
152	Which One of These Is Not Like the Others? An inter-hospital Study of the Viscosity of Thickened Fluids. <i>Journal of Speech, Language, and Hearing Research</i> , 2000, 43, 537-547.	1.6	47
153	Understanding vitrification during cure of epoxy resins using dynamic scanning calorimetry and rheological techniques. <i>Polymer</i> , 2000, 41, 5949-5955.	3.8	117
154	How Thick Is Thick? Multicenter Study of the Rheological and Material Property Characteristics of Mealtime Fluids and Videofluoroscopy Fluids. <i>Dysphagia</i> , 2000, 15, 188-200.	1.8	98
155	Gelation behaviour during chainwise crosslinking polymerisation of methacrylate resins. <i>Polymer</i> , 1999, 40, 5699-5707.	3.8	19
156	Effect of additives on gelatinization, rheological properties and biodegradability of thermoplastic starch. <i>Macromolecular Symposia</i> , 1999, 144, 371-374.	0.7	9
157	Studies on the gelation of photocatalysed dicyanate ester resins. <i>Polymer</i> , 1997, 38, 2997-3002.	3.8	15
158	A new chemorheological analysis of highly filled thermosets used in integrated circuit packaging. <i>Journal of Applied Polymer Science</i> , 1997, 64, 95-106.	2.6	19
159	Chemorheology of thermosets?an overview. <i>Polymer Engineering and Science</i> , 1996, 36, 593-609.	3.1	315
160	The gel and rheological behaviour of radiation-crosslinked linear low-density polyethylene. <i>Polymer</i> , 1994, 35, 2186-2191.	3.8	13
161	Determining the gel point of an epoxy resin by various rheological methods. <i>High Performance Polymers</i> , 1994, 6, 405-414.	1.8	33
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